



RENFREW COUNTY CATHOLIC DISTRICT SCHOOL BOARD

MEMORANDUM

TO: Ivan Johnson

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

DATE: Sept 12, 2018

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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RENFREW COUNTY CATHOLIC DISTRICT SCHOOL BOARD

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 of 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. 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 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.

School Name	SFIS Number	DWS Number	Collection Date	Location Type	Parameter Name	Test Results	Ontario Standard
St. Mary’s OLGC	4274	500123722	2018/06/14	Standing – Rm 143 Far Back	Lead	35.2	10ug/L
			2018/06/14	Flushed – Rm 143 Far Back	Lead	2.61	
Bishop Smith CHS	3052/ 3065	500045189	2018/06/27	Standing – Spec. Ed. Fountain	Lead	12.2	10ug/L
			2018/06/27	Flushed – Spec. Ed. Fountain	Lead	4.6	
			2018/06/27	Standing – Fountain Room 138	Lead	15.0	10ug/L
			2018/06/27	Flushed – Fountain Room 138	Lead	5.73	
			2018/06/27	Standing – Hall Fountain by Rm 264	Lead	29.6	10ug/L
			2018/06/27	Flushing – Hall Fountain by Rm 264	Lead	6.97	

SCHOOLS TESTED

School Name	SFIS Number	Collection Date	Test Results	Location Type
St. John XXIII	3356	2018/06/18	1.54 ug/L 0.80 ug/L	Standing – Fountain by Room 103 Flushed – Fountain by Room 103
St. John XXIII	3356	2018/06/18	0.06 ug/L 0.16 ug/L	Standing – Fountain by Rm 411 (Bottle Fill) Flushed – Fountain by Rm 411 (Bottle Fill)
St. John XXIII	3356	2018/06/18	0.80 ug/L 1.04 ug/L	Standing – Room 107 Fountain Flushed – Room 107 Fountain
St. John XXIII	3356	2018/06/20	0.02 ug/L 0.48 ug/L	Standing – Fountain by Rm 411 (Bubbler) Flushed – Fountain by Rm 411 (Bubbler)
St. Joseph's, Arnprior	4085	2018/06/14	0.76 ug/L 0.57 ug/L	Standing – Room 1 Fountain Flushed – Room 1 Fountain
St. Joseph's, Arnprior	4085	2018/06/14	0.05 ug/L 0.10 ug/L	Standing – Upstairs Fountain (Bottle Fill) Flushed – Upstairs Fountain (Bottle Fill)
St. Joseph's, Arnprior	4085	2018/06/18	0.06 ug/L 0.09 ug/L	Standing – Upstairs Fountain (Bubbler) Flushed – Upstairs Fountain (Bubbler)
St. John Bosco	4056	2018/06/13	6.48 ug/L 2.35 ug/L	Standing – Fountain by Exit 6 Flushed – Fountain by Exit 6
St. John Bosco	4056	2018/06/13	2.73 ug/L 4.70 ug/L	Standing – Room 27 Flushed – Room 27
St. Joseph's, Calabogie	4088	2018/06/13	2.05 ug/L 2.14 ug/L	Standing – Fountain by Gym Flushed – Fountain by Gym
St. Joseph's, Calabogie	4088	2018/06/13	8.78 ug/L 3.71 ug/L	Standing – Tap by Stove Rm 12 Flushed – Tap by Stove Rm 12
St. Anthony's	3767	2018/06/13	0.02 ug/L 0.04 ug/L	Standing – Hall Fountain by Rm 16 (Bottle Fill) Flushed – Hall Fountain by Rm 16 (Bottle Fill)
St. Anthony's	3767	2018/06/13	0.05 ug/L 0.07 ug/L	Standing – Hall Fountain by Rm 16 (Bubbler) Flushed – Hall Fountain by Rm 16 (Bubbler)
George Vanier	3604	2018/06/13	0.05 ug/L <0.01 ug/L	Standing – Fountain by Rm 15 (Bottle Fill) Flushed – Fountain by Rm 15 (Bottle Fill)
George Vanier	3604	2018/06/13	3.38 ug/L 1.44 ug/L	Standing – Fountain Hall by Rm 8 Flushed – Fountain Hall by Rm 8
St. Mary's OLGC	4274	2018/06/11	0.29 ug/L 0.20 ug/L	Standing – Fountain by Rm 12 (Bottle Fill) Flushed – Fountain by Rm 12 (Bottle Fill)
St. Mary's OLGC	4274	2018/06/11	2.03 ug/L 1.40 ug/L	Standing – Hall Fountain by Rm 13 Flushed – Hall Fountain by Rm 13
St. Mary's OLGC	4274	2018/06/11	0.09 ug/L 0.05 ug/L	Standing – Room 148 Flushed – Room 148
St. Mary's OLGC	4274	2018/06/11	3.02 ug/L 0.88 ug/L	Standing – Room 401 Flushed – Room 401
St. Mary's OLGC	4274	2018/06/14	0.31 ug/L 0.21 ug/L	Standing – Hall Fountain by Rm 12 (Bubbler) Flushed – Hall Fountain by Rm 12 (Bubbler)
St. Mary's OLGC	4274	2018/06/14	35.2 ug/L 2.61 ug/L	Standing – Room 143 Far Back Flushed – Room 143 Far Back
St. Mary's OLGC	4274	2018/06/15	6.87 ug/L 1.28 ug/L	Standing – Room 143 Middle Back Flushed – Room 143 Middle Back
St. Michael's	4326	2018/06/27	0.30 ug/L 0.18 ug/L	Standing – Room 11 Left Tap Flushed – Room 11 Left Tap
St. Michael's	4326	2018/06/28	0.27 ug/L 0.18 ug/L	Standing – Room 11 Middle Tap Flushed – Room 11 Middle Tap
St. Michael's	4326	2018/07/04	0.33 ug/L 0.27 ug/L	Standing – Room 11 Right Tap Flushed – Room 11 Right Tap
St. James	4013	2018/07/09	<0.01 ug/L 0.02 ug/L	Standing – Hall by Rm 32 Fountain (Bottle Fill) Flushed – Hall by Rm 32 Fountain (Bottle Fill)
St. James	4013	2018/07/09	0.29 ug/L 0.30 ug/L	Standing – Room 1 Tap-Right Flushed – Room 1 Tap-Right

School Name	SFIS Number	Collection Date	Test Results	Location Type
St. James	4013	2018/07/10	<0.01 ug/L 0.03 ug/L	Standing – Hall by Rm 32 Fountain (Bubbler) Flushed – Hall by Rm 32 Fountain (Bubbler)
St. Andrew's	3715	2018/06/25	2.23 ug/L 0.92 ug/L	Standing – Fountain by Room 5 Flushed – Fountain by Room 5
St. Francis of Assisi	17382	2018/06/22	0.06 ug/L 0.08 ug/L	Standing – Fountain Corridor 4 Flushed – Fountain Corridor 4
St. Francis of Assisi	17382	2018/06/22	0.27 ug/L 0.17 ug/L	Standing – Room 112 Flushed – Room 112
Cathedral	3116	2018/06/18	0.06 ug/L 0.04 ug/L	Standing – Fountain by Rm 209 Flushed – Fountain by Rm 209
Cathedral	3116	2018/06/18	0.11 ug/L 0.09 ug/L	Standing – Room 103 Flushed – Room 103
Holy Name/Valleycrest I	3298/2693	2018/06/20	2.41 ug/L 1.12 ug/L	Standing – Fountain by Rm 13 Flushed – Fountain by Rm 13
Holy Name/Valleycrest I	3298/2693	2018/06/20	7.16 ug/L 2.71 ug/L	Standing – Exit 4 Fountain Flushed – Exit 4 Fountain
Holy Name/Valleycrest I	3298/2693	2018/06/20	0.57 ug/L 0.17 ug/L	Standing – Exit 7 Fountain (Bottle Fill) Flushed – Exit 7 Fountain (Bottle Fill)
Holy Name/Valleycrest I	3298/2693	2018/06/21	0.73 ug/L 0.32 ug/L	Standing – Exit 7 Fountain (Bubbler) Flushed – Exit 7 Fountain (Bubbler)
Our Lady of Lourdes	3543	2018/06/12	1.07 ug/L 0.72 ug/L	Standing – Room 30 Left Tap Flushed – Room 30 Left Tap
Our Lady of Lourdes	3543	2018/06/15	0.74 ug/L 0.46 ug/L	Standing – Room 30 Right Tap Flushed – Room 30 Right Tap
Our Lady of Sorrows	10762	2018/06/28	0.12 ug/L 0.10 ug/L	Standing – Fountain by Rm 202 Flushed – Fountain by Rm 202
Our Lady of Sorrows	10762	2018/06/28	0.04 ug/L 0.03 ug/L	Standing – Fountain by Rm 103 Flushed – Fountain by Rm 103
Our Lady of Fatima	3505	2018/07/09	<0.01ug/L <0.01ug/L	Standing – Hall by Rm 7-Fountain Right (Bottle Fill) Flushed – Hall by Rm 7-Fountain Right (Bottle Fill)
Our Lady of Fatima	3505	2018/07/09	0.33 ug/L 0.27 ug/L	Standing – Hall by Rm 3-Middle Fountain Flushed – Hall by Rm 3-Middle Fountain
Our Lady of Fatima	3505	2018/07/09	0.07ug/L 0.19 ug/L	Standing – Room 19 Tap Flushed – Room 19 Tap
Our Lady of Fatima	3505	2018/07/10	<0.01 ug/L <0.01 ug/L	Standing – Hall by Rm 7-Fountain Right (Bubbler) Flushed – Hall by Rm 7-Fountain Right (Bubbler)
St. Thomas the Apostle/Valleycrest II	4513/6472	2018/07/05	0.04 ug/L 0.03 ug/L	Standing – Hall by Rm 211 Fountain (Bottle Fill) Flushed – Hall by Rm 211 Fountain (Bottle Fill)
St. Thomas the Apostle/Valleycrest II	4513/6472	2018/07/05	1.33 ug/L 0.81 ug/L	Standing – Hall by Rm 401 Fountain Flushed – Hall by Rm 401 Fountain
St. Thomas the Apostle/Valleycrest II	4513/6472	2018/07/05	1.39 ug/L 0.51 ug/l	Standing – Room 205B Left Tap Flushed – Room 205B Left Tap
St. Thomas the Apostle/Valleycrest II	4513/6472	2018/07/06	1.18 ug/L 0.19 ug/L	Standing – Room 205B Right Tap Flushed – Room 205B Right Tap
St. Thomas the Apostle/Valleycrest II	4513/6472	2018/07/06	<0.01 ug/L 0.01 ug/L	Standing – Hall by Rm 211 Fountain (Bubbler) Flushed – Hall by Rm 211 Fountain (Bubbler)
Our Lady of Grace	3531	2018/07/03	<0.01 ug/L <0.01 ug/L	Standing – Fountain by Exit 2 (Bubbler) Flushed – Fountain by Exit 2 (Bubbler)
Our Lady of Grace	3531	2018/07/12	0.09 ug/L 0.07 ug/L	Standing – Fountain by Exit 2 (Bottle Fill) Flushed – Fountain by Exit 2 (Bottle Fill)
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	12.20 ug/L 4.60 ug/L	Standing – Spec Ed Fountain Flushed – Spec Ed Fountain
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	2.39 ug/L 2.05 ug/L	Standing – Room 112 Flushed – Room 112
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	15.00 ug/L 5.73 ug/L	Standing – Fountain Rm 138 Flushed – Fountain Rm 138

School Name	SFIS Number	Collection Date	Test Results	Location Type
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	29.60 ug/L 6.97 ug/L	Standing – Hall Fountain by Rm 264 Flushed – Hall Fountain by Rm 264
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	6.24 ug/L 2.21 ug/L	Standing – Room 118B Flushed – Room 118B
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2018/06/27	0.36 ug/L 0.80 ug/L	Standing – Room 122 Flushed – Room 122
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2018/06/27	1.49 ug/L 1.47 ug/L	Standing – Room 323 Large Sink Left Tap Flushed – Room 323 Large Sink Left Tap
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2018/06/28	1.37 ug/L 0.43 ug/L	Standing – Room 323 Large Sink Right Tap Flushed – Room 323 Large Sink Right Tap
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2018/07/12	0.52 ug/L 0.53 ug/L	Standing – Room 323 Small Sink Flushed – Room 323 Small Sink
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2018/07/13	0.33 ug/L 0.39 ug/L	Standing – Room 323 Medium Sink Flushed – Room 323 Medium Sink