



RENFREW COUNTY CATHOLIC DISTRICT SCHOOL BOARD

MEMORANDUM

TO: Ivan Johnson

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

DATE: July 17, 2017

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	2017/06/20	Standing – Rm 143 Far Back	Lead	24.3	10ug/L
			2017/06/20	Flushed – Rm 143 Far Back	Lead	4.55	
			2017/06/23	Standing – Rm 143 Middle Back	Lead	16.3	10ug/L
			2017/06/23	Flushed – Rm 143 Middle Back	Lead	2.66	
Bishop Smith CHS	3052/ 3065	500045189	2017/01/16	Standing – Rm 112	Lead	13.4	10ug/L
			2017/01/16	Flushed – Rm 112	Lead	5.04	
			2017/03/30	Standing – Spec. Ed. Fountain	Lead	20.5	10ug/L
			2017/03/30	Flushed – Spec. Ed. Fountain	Lead	7.48	

SCHOOLS TESTED

School Name	SFIS Number	Collection Date	Test Results	Location Type
St. John XXIII	3356	2017/06/14	1.22 ug/L 0.20 ug/L	Standing – Room 129 Flushed – Room 129
St. John XXIII	3356	2017/06/14	0.22 ug/L 0.26 ug/L	Standing – Fountain by Rm 410 (Bubbler) Flushed – Fountain by Rm 410 (Bubbler)
St. John XXIII	3356	2017/06/14	1.28 ug/L 2.42 ug/L	Standing – Room 109 Flushed – Room 109
St. John XXIII	3356	2017/06/15	0.10 ug/L 0.36 ug/L	Standing – Fountain by Rm 410 (Bottle Fill) Flushed – Fountain by Rm 410 (Bottle Fill)
St. Joseph's, Arnprior	4085	2017/06/14	0.05 ug/L 0.04 ug/L	Standing – Fountain by Rm 44 (Bubbler) Flushed – Fountain by Rm 44 (Bubbler)
St. Joseph's, Arnprior	4085	2017/06/14	0.49 ug/L 0.33 ug/L	Standing – Room 37 Left Tap Flushed – Room 37 Left Tap
St. Joseph's, Arnprior	4085	2017/06/15	0.52 ug/L 0.38 ug/L	Standing – Room 37 Right Tap Flushed – Room 37 Right Tap
St. Joseph's, Arnprior	4085	2017/06/15	0.04 ug/L 0.04 ug/L	Standing – Fountain by Rm 44 (Bottle Fill) Flushed – Fountain by Rm 44 (Bottle Fill)
St. John Bosco	4056	2017/06/27	3.36 ug/L 1.10 ug/L	Standing – Room 24 Front Sink Flushed – Room 24 Front Sink
St. John Bosco	4056	2017/06/27	0.82 ug/L 0.33 ug/L	Standing – Fountain by Gym Flushed – Fountain by Gym
St. John Bosco	4056	2017/06/28	5.11 ug/L 1.41 ug/L	Standing – Room 24 Back Sink Flushed – Room 24 Back Sink
St. Joseph's, Calabogie	4088	2017/06/14	3.96 ug/L 1.70 ug/L	Standing – Room 2 Flushed – Room 2
St. Joseph's, Calabogie	4088	2017/06/14	<0.01 ug/L <0.01 ug/L	Standing – Fountain by Rm 18 (Bubbler) Flushed – Fountain by Rm 18 (Bubbler)
St. Joseph's, Calabogie	4088	2017/06/15	<0.01 ug/L <0.01 ug/L	Standing – Fountain by Rm 18 (Bottle Fill) Flushed – Fountain by Rm 18 (Bottle Fill)
St. Anthony's	3767	2017/06/20	0.51 ug/L 0.64 ug/L	Standing – Room 10 Flushed – Room 10
St. Anthony's	3767	2017/06/20	7.39 ug/L 1.76 ug/L	Standing – Fountain by Rm 7 Flushed – Fountain by Rm 7
George Vanier	3604	2017/06/27	1.76 ug/L 0.66 ug/L	Standing – Room 15 Right Tap Flushed – Room 15 Right Tap
George Vanier	3604	2017/06/28	2.32 ug/L 1.42 ug/L	Standing – Room 15 Left Tap Flushed – Room 15 Left Tap
St. Mary's OLGC	4274	2017/06/20	24.3 ug/L 4.55 ug/L	Standing – Room 143 Far Back Flushed – Room 143 Far Back
St. Mary's OLGC	4274	2017/06/20	1.61 ug/L 0.99 ug/L	Standing – Room 143 Front Flushed – Room 143 Front
St. Mary's OLGC	4274	2017/06/20	0.95 ug/L 0.24 ug/L	Standing – Room 108 Fountain Flushed – Room 108 Fountain
St. Mary's OLGC	4274	2017/06/20	4.21 ug/L 3.06 ug/L	Standing – Room 114 Fountain Flushed – Room 114 Fountain
St. Mary's OLGC	4274	2017/06/21	6.60 ug/L 1.64 ug/L	Standing – Room 143 Front Middle Flushed – Room 143 Front Middle
St. Mary's OLGC	4274	2017/06/22	1.75 ug/L 1.92 ug/L	Standing – Room 143 Middle Front Flushed – Room 143 Middle Front
St. Mary's OLGC	4274	2017/06/23	16.3 ug/L 2.68 ug/L	Standing – Room 143 Middle Back Flushed – Room 143 Middle Back
St. Michael's	4326	2017/06/21	<0.01 ug/L 0.06 ug/L	Standing – Fountain by Rm 3 (Bubbler) Flushed – Fountain by Rm 3 (Bubbler)
St. Michael's	4326	2017/06/21	0.41 ug/L 0.32 ug/L	Standing – Fountain Room 26 Flushed – Fountain Room 26

School Name	SFIS Number	Collection Date	Test Results	Location Type
St. Michael's	4326	2017/06/21	0.15 ug/L 0.06 ug/L	Standing – Tap Room 8 Flushed – Tap Room 8
St. Michael's	4326	2017/06/22	0.01 ug/L <0.01 ug/L	Standing – Fountain by Rm 3 (Bottle Fill) Flushed – Fountain by Rm 3 (Bottle Fill)
St. James	4013	2017/06/21	0.23 ug/L 0.22 ug/L	Standing – Room 13 Fountain Flushed – Room 13 Fountain
St. James	4013	2017/06/21	0.48 ug/L 0.22 ug/L	Standing – Fountain by Rm 2 Flushed – Fountain by Rm 2
St. Andrew's	3715	2017/06/27	<0.01 ug/L <0.01 ug/L	Standing – Fountain by Rm 15 (Bubbler) Flushed – Fountain by Rm 15 (Bubbler)
St. Andrew's	3715	2017/06/27	2.49 ug/L 2.38 ug/L	Standing – Room 14 Flushed – Room 14
St. Andrew's	3715	2017/06/28	0.02 ug/L <0.01 ug/L	Standing – Fountain by Rm 15 (Bottle Fill) Flushed – Fountain by Rm 15 (Bottle Fill)
St. Francis of Assisi	17382	2017/06/22	0.08 ug/L 0.06 ug/L	Standing – Room 109 Gym Side Flushed – Room 109 Gym Side
St. Francis of Assisi	17382	2017/06/23	0.23 ug/L 0.07 ug/L	Standing – Room 109 Hall Side Flushed – Room 109 Hall Side
Cathedral	3116	2017/06/15	0.04 ug/L 0.06 ug/L	Standing – Fountain by Rm 107 Flushed – Fountain by Rm 107
Cathedral	3116	2017/06/15	0.35 ug/L 0.21 ug/L	Standing – Room 104 Flushed – Room 104
Cathedral	3116	2017/06/16	0.58 ug/L 0.32 ug/L	Standing – Fountain by Rm 114 Flushed – Fountain by Rm 114
Holy Name/Valleycrest I	3298/2693	2017/06/26	0.37 ug/L 0.76 ug/L	Standing – Room 1 Flushed – Room 1
Holy Name/Valleycrest I	3298/2693	2017/06/26	0.48 ug/L 1.12 ug/L	Standing – Fountain by Rm 1 Flushed – Fountain by Rm 1
Holy Name/Valleycrest I	3298/2693	2017/06/26	3.94 ug/L 1.41 ug/L	Standing – Fountain by Rm 7 Flushed – Fountain by Rm 7
Our Lady of Lourdes	3543	2017/06/15	0.29 ug/L 0.13 ug/L	Standing – Fountain by Rm 6 (Bubbler) Flushed – Fountain by Rm 6 (Bubbler)
Our Lady of Lourdes	3543	2017/06/15	0.31 ug/L 0.15 ug/L	Standing – Fountain by Rm 20 Flushed – Fountain by Rm 20
Our Lady of Lourdes	3543	2017/06/16	0.39 ug/L 0.11 ug/L	Standing – Fountain by Rm 6 (Bottle Fill) Flushed – Fountain by Rm 6 (Bottle Fill)
Our Lady of Sorrows	10762	2017/06/22	0.03 ug/L 0.02 ug/L	Standing – Fountain 2 Left Side (Bubbler) Flushed – Fountain 2 Left Side (Bubbler)
Our Lady of Sorrows	10762	2017/06/22	0.19 ug/L 0.12 ug/L	Standing – Room 5 Flushed – Room 5
Our Lady of Sorrows	10762	2017/06/23	0.03 ug/L 0.01 ug/L	Standing – Fountain 2 Left Side (Bottle Fill) Flushed – Fountain 2 Left Side (Bottle Fill)
Our Lady of Fatima	3505	2017/06/19	0.12 ug/L 0.11 ug/L	Standing – Left Fountain by Rm 3 Flushed – Left Fountain by Rm 3
Our Lady of Fatima	3505	2017/06/19	6.75 ug/L 9.00 ug/L	Standing – Fountain by Rm 23 Flushed – Fountain by Rm 23
Our Lady of Fatima	3505	2017/06/19	0.66 ug/L 0.39 ug/L	Standing – Left Fountain by Rm 7 Flushed – Left Fountain by Rm 7
St. Thomas the Apostle/Valleycrest II	4513/6472	2017/06/19	0.49 ug/L 0.32 ug/L	Standing – Fountain in Rm 404 Flushed – Fountain in Rm 404
St. Thomas the Apostle/Valleycrest II	4513/6472	2017/06/19	1.00 ug/L 0.54 ug/L	Standing – Fountain by Rm 410 Flushed – Fountain by Rm 410
St. Thomas the Apostle/Valleycrest II	4513/6472	2017/06/19	0.41 ug/L 0.23 ug/L	Standing – Rm 100 Left Side Flushed – Rm 100 Left Side
St. Thomas the Apostle/Valleycrest II	4513/6472	2017/06/20	1.12 ug/L 0.39 ug/L	Standing – Rm 100 Right Side Flushed – Rm 100 Right Side

School Name	SFIS Number	Collection Date	Test Results	Location Type
Our Lady of Grace	3531	2017/06/23	0.93 ug/L 0.65 ug/L	Standing – Room 5 Tap Flushed – Room 5 Tap
Bishop Smith CHS – Secondary Bishop Smith CHS - Elementary	3052/3065	2017/01/16	13.4 ug/L 5.04 ug/L	Standing – Room 112 Flushed – Room 112
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/01/16	5.73 ug/L 3.64 ug/L	Standing – Room 114 Flushed – Room 114
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/03/30	4.54 ug/L 0.62 ug/L	Standing – Tech. Wing Fountain Flushed – Tech Wing Fountain
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/03/30	0.49 ug/L 0.48 ug/L	Standing – Room 141 Flushed – Room 141
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/03/30	1.23 ug/L 2.15 ug/L	Standing – Cafeteria Flushed – Cafeteria
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/03/30 2017/04/07	2.61 ug/L 1.49 ug/L	Standing – Grade 8 Wing Fountain Flushed – Grade 8 Wing Fountain
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/03/30	20.5 ug/L 7.48 ug/L	Standing – Spec. Ed. Fountain Flushed – Spec. Ed. Fountain
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/01/16	0.57 ug/L 0.55 ug/L	Standing – Room 124 Flushed – Room 124
Bishop Smith CHS – Secondary Bishop Smith CHS – Elementary	3052/3065	2017/01/16	7.45 ug/L 1.30 ug/L	Standing – Room 126 Flushed – Room 126
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2017/06/19	0.32 ug/L 0.10 ug/L	Standing – Room 111 Prep Tap Flushed – Room 111 Prep Tap
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2017/06/19	0.21 ug/L 0.10 ug/L	Standing – Fountain by Room 122 Flushed – Fountain by Room 122
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2017/06/19	0.42 ug/L 0.28 ug/L	Standing – Room 111 Front Tap Flushed – Room 111 Front Tap
St. Joseph's CHS – Secondary St. Joseph's CHS – Elementary	11079/4141	2017/06/19	0.16 ug/L 0.09 ug/L	Standing – Fountain by Room 322 Flushed – Fountain by Room 322
St. Joseph's Alternate School	6298	2017/06/28	1.77 ug/L 0.77 ug/L	Standing – Kitchen Tap Flushed – Kitchen Tap