

Environmental Health & Safety

Office:(612) 668-0310 Direct:(612)-668-0307 Cell:(612) 806-1394 Jason Karpe Safety Specialist, Environmental Health & Safety

MEMORANDUM

To: Matthew Arnold, Principal- Richard Green Central School

From: Jason Karpe, Safety Specialist, Environmental Health & Safety (EH&S)

Date: May 2, 2019

RE: Richard Green Central Building

Lead in Water Testing

Drinking water was tested at Green Central School on February 15, 2019 and the Southside Community Health Services Clinic on March 7, 2019 (see attached laboratory report). The testing was performed as part of our Lead in Water Safety Program and as required by the Minnesota Department of Health.

All water was collected on a first draw basis with a minimum eight-hour system stagnation. This method represents the worst-case scenario for lead in water concentrations. Forty-five (45) drinking sources were tested. Of the forty-five locations, two drinking fountains tested above the 20 parts per billion (ppb) Action Level. The locations are the girls and boys locker room drinking fountains, which are located on second floor of the building. EH&S worked with the MPS Plumbing department to evaluate the drinking sources. The locker room drinking fountains are infrequently used. As a result, EH&S has instructed the MPS Plumbing department to remove the two drinking fountains from service.

Based on the remaining laboratory results, it is very good news that Green Central School and the Southside Community Health Services Clinic are not required performing the MPS Daily Lead in Water Flushing Protocol. As a good practice, EH&S recommends and encourages that staff and students run drinking sources until cool before drinking.

This memorandum and the laboratory analysis reports will be maintained available to the public on the district website. https://www.mpschools.org/departments/operations/environmental-health-safety

Please contact me if you have any questions.

Attachment: Laboratory Analysis Report dated February 25, 2019 & March 8, 2019

CC: Beatriz Desantiago-Fjelstad, Jay Jameson, Lee Setter, Shawn Lindell, Terry Johnson, James Tschida, Diane Dunn

Twin City Water Clinic Laboratory Test Report Minnesota State Laboratory ID# 027-053-119 Wisconsin State Laboratory ID# 105-10117 Wisconsin DNR Lab ID #399073400									X No samples were subcontracted; or the above test result(s) with'**' designation were produced by a	
Client:	ent: Richard Green Central			Report Number:		Twin City Water Clinic Inc.			Inc.	subcontracted laboratory. [Laboratory name; address;
Minneapolis Public Schools		Sample Receipt Date:		02/15/19	617 13th Avenue South			ıth	MDH Lab ID#]. The subcontracted laboratory maintains	
Address: 1225 North 7th Street		Sample Prep. Date:		02/15/19	617 13th Avenue South			ıth	MDH Certification for the field(s) of testing performed.	
Minneapolis, MN 55411		Sample Prep. Time:		9:30	Phone: (952)935-3556			56		
		Report Issue Date:		02/25/19	Fax: (952)935-5077			7		
Laboratory	y Analyte Sample		Parameter Sample Co		ollection	Sample Analysis		Test		Approved methods used in analyzing the
Sample ID		Location		Date	Time	Date	Time	Results	Units	samples listed above have the following
19-01984	Lead	Engineer's office - sink	Drinking Water	02/15/19	04:25	02/19/19	12:21	<2.0	μg/L	reporting levels:
19-01985	Lead	Classroom 411 DF	Drinking Water	02/15/19	04:27	02/19/19	10:21	<2.0	μg/L	SM3113 - Lead, 2.0 μg / L
19-01986	Lead	Classroom 409 DF	Drinking Water	02/15/19	04:28	02/19/19	10:41	<2.0	μg/L	Maximum contaminant level: Lead, 15.0 μg /L
19-01987	Lead	Cafeteria 118 DF	Drinking Water	02/15/19	04:32	02/19/19	10:46	<2.0	μg/L	
19-01988	Lead	Hallway outside rm 123 DF	Drinking Water	02/15/19	04:35	02/19/19	10:51	<2.0	μg/L	Sample Collected by: _X_ Client TCWC
19-01989	Lead	Classroom 133 DF	Drinking Water	02/15/19	04:36	02/19/19	10:56	<2.0	μg/L	
19-01990	Lead	Classroom 131 DF	Drinking Water	02/15/19	04:47	02/19/19	11:01	<2.0	μg/L	Sample Temp.: 16° C
19-01991	Lead	Classroom 129 DF	Drinking Water	02/15/19	04:50	02/19/19	11:06	<2.0	μg/L	
19-01992	Lead	Classroom 121 DF	Drinking Water	02/15/19	04:51	02/19/19	11:11	<2.0	μg/L	
19-01993	Lead	Classroom 119 DF	Drinking Water	02/15/19	04:54	02/19/19	11:17	<2.0	μg/L	
19-01994	Lead	Classroom 117 DF	Drinking Water	02/15/19	04:55	02/19/19	11:22	<2.0	μg/L	Notes: DF = drinking fountain
19-01995	Lead	Classroom 115 DF	Drinking Water	02/15/19	04:58	02/21/19	11:12	<2.0	μg/L	RR = restroom, LR = lunchroom
19-01996	Lead	Classroom 111 DF	Drinking Water	02/15/19	04:59	02/21/19	11:18	<2.0	μg/L	Discussion:
19-01997	Lead	Hallway outside rm 109 DF	Drinking Water	02/15/19	05:02	02/21/19	11:25	<2.0	μg/L	
19-01998	Lead	Classroom 103 DF	Drinking Water	02/15/19	05:03	02/21/19	11:30	<2.0	μg/L	
19-01999	Lead	Classroom 101 DF	Drinking Water	02/15/19	05:08	02/21/19	11:36	<2.0	μg/L	100.
19-02000	Lead	Nurse 100L -sink	Drinking Water	02/15/19	05:10	02/21/19	11:42	<2.0	μg/L	Approved By:
19-02001	Lead	Staff Lounge 112 - sink	Drinking Water	02/15/19	05:12	02/21/19	11:47	<2.0	μg/L	Bill Van Arsdale
19-02002	Lead	Hallway outside rm 306	Drinking Water	02/15/19	05:14	02/21/19	11:53	<2.0	μg/L	Laboratory Manager
19-02003	Lead	Rm 243 DF	Drinking Water	02/15/19	05:17	02/21/19	11:59	<2.0	μg/L	

The results listed in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety.

All methods are certified by the Minnesota Department of Health, unless otherwise noted.

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Twin City Water Clinic Laboratory Test Report Minnesota State Laboratory ID# 027-053-119 Wisconsin State Laboratory ID# 105-10117 Wisconsin DNR Lab ID #399073400									X No samples were subcontracted; or the above test result(s) with '**' designation were produced by a	
Client:	ent: Richard Green Central			Report Number:		Twin City Water Clinic Inc.			Inc.	subcontracted laboratory. [Laboratory name; address;
Minneapolis Public Schools		Sample Receipt Date:		02/15/19	617 13th Avenue South			ıth	MDH Lab ID#]. The subcontracted laboratory maintains	
Address: 1225 North 7th Street		Sample Prep. Date:		02/15/19	617 13th Avenue South			ıth	MDH Certification for the field(s) of testing performed.	
Minneapolis, MN 55411		Sample Prep. Time:		9:30	Phone: (952)935-3556			56		
		Report Issue Date:		02/25/19	Fax: (952)935-5077			7		
Laboratory	ry Analyte Sample		Parameter Sample Co		ollection	Sample Analysis		Test		Approved methods used in analyzing the
Sample ID		Location		Date	Time	Date	Time	Results	Units	samples listed above have the following
19-02004	Lead	Rm 241 DF	Drinking Water	02/15/19	05:19	02/21/19	12:16	<2.0	μg/L	reporting levels:
19-02005	Lead	Rm 239 DF	Drinking Water	02/15/19	05:21	02/21/19	12:34	<2.0	μg/L	SM3113 - Lead, 2.0 μg / L
19-02006	Lead	Rm 233 DF	Drinking Water	02/15/19	05:25	02/21/19	12:40	<2.0	μg/L	Maximum contaminant level: Lead, 15.0 μg /L
19-02007	Lead	Rm 231 DF	Drinking Water	02/15/19	05:26	02/21/19	12:45	<2.0	μg/L	
19-02008	Lead	Rm 229 DF	Drinking Water	02/15/19	05:27	02/21/19	12:51	<2.0	μg/L	Sample Collected by: _X_ Client TCWC
19-02009	Lead	Rm 227 DF	Drinking Water	02/15/19	05:29	02/21/19	12:57	<2.0	μg/L	
19-02010	Lead	Rm 215 DF	Drinking Water	02/15/19	05:31	02/21/19	13:03	<2.0	μg/L	Sample Temp.: 16° C
19-02011	Lead	Rm 213 DF	Drinking Water	02/15/19	05:33	02/21/19	13:08	<2.0	μg/L	
19-02012	Lead	Rm 211 DF	Drinking Water	02/15/19	05:34	02/21/19	13:14	<2.0	μg/L	
19-02013	Lead	Rm 205 DF	Drinking Water	02/15/19	05:36	02/21/19	13:20	<2.0	μg/L	
19-02014	Lead	Rm 203 DF	Drinking Water	02/15/19	05:39	02/25/19	10:30	<2.0	μg/L	Notes: DF = drinking fountain
19-02015	Lead	Rm 201 DF	Drinking Water	02/15/19	05:43	02/25/19	10:35	<2.0	μg/L	RR = restroom, LR = lunchroom
19-02016	Lead	Rm 206 DF	Drinking Water	02/15/19	05:48	02/25/19	10:41	<2.0	μg/L	Discussion:
19-02017	Lead	Rm 208 DF	Drinking Water	02/15/19	05:50	02/25/19	10:47	<2.0	μg/L	
19-02018	Lead	Rm 210 DF	Drinking Water	02/15/19	05:51	02/25/19	10:53	<2.0	μg/L	
19-02019	Lead	Rm 220 DF	Drinking Water	02/15/19	05:53	02/25/19	10:59	<2.0	μg/L	100
19-02020	Lead	Rm 222 DF	Drinking Water	02/15/19	05:54	02/25/19	11:04	<2.0	μg/L	Approved By:
19-02021	Lead	Rm 224 DF	Drinking Water	02/15/19	05:56	02/25/19	11:21	<2.0	μg/L	Bill Van Arsdale
19-02022	Lead	Girls locker rm DF - 2nd floor	Drinking Water	02/15/19	05:58	02/25/19	11:41	25.73	μg/L	Laboratory Manager
19-02023	Lead	Boys locker rm DF - 2nd floor	Drinking Water	02/15/19	06:02	02/25/19	12:05	128.72	μg/L	

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Twin City Water Clinic Laboratory Test Report Minnesota State Laboratory ID# 027-053-119 Wisconsin State Laboratory ID# 105-10117 Wisconsin DNR Lab ID #399073400									X No samples were subcontracted; or the above test
Richard	d Green Central (Clinic)	Report Number: 19-02711			Twin City Water Clinic Inc.				result(s) with'**' designation were produced by a subcontracted laboratory. [Laboratory name; address; MDH Lab ID#]. The subcontracted laboratory maintains MDH Certification for the field(s) of testing performed.
Minneapolis Public Schools		Sample Receipt Date: 03		03/07/19	617 13th Avenue South				
Address: 1225 North 7th Street		Sample I	03/07/19	617 13th Avenue South					
Minneapolis, MN 55411		Sample Prep. Time:		13:55	Phone: (952)935-3556			56	
- · ·		Report Issue Date: 03/		03/08/19	9 Fax: (952)935-5077				
boratory Analyte Sample		Parameter Sample Co		ollection	ction Sample Analysis		Test		Approved methods used in analyzing the
	Location		Date	Time	Date	Time	Results	Units	samples listed above have the following
Lead	Clinic Patient Rm 3 - Sink	Drinking Water	03/07/19	05:25	03/08/19	10:15	<2.0	μg/L	reporting levels:
Lead	Clinic Rm 11 - Sink	Drinking Water	03/07/19	05:27	03/08/19	10:21	<2.0	μg/L	SM3113 - Lead, 2.0 μg / L
Lead	Clinic Rm 14 - Sink	Drinking Water	03/07/19	05:28	03/08/19	10:27	<2.0	μg/L	Maximum contaminant level: Lead, 15.0 μg /L
Lead	Lab - Sink	Drinking Water	03/07/19	05:36	03/08/19	10:33	<2.0	μg/L	
Lead	Employee Lounge - Sink	Drinking Water	03/07/19	05:39	03/08/19	10:39	<2.0	μg/L	Sample Collected by: _X_ Client TCWC
]
									Sample Temp.: 9° C
]
]
]
									Notes: DF = drinking fountain
									RR = restroom, LR = lunchroom
									Discussion:
									1
									1
									1
									Approved By:
									Bill Van Arsdale
									Laboratory Manager
									1
	Richard Minnel 1225 N Minnel Analyte Lead Lead Lead Lead	Richard Green Central (Clinic) Minneapolis Public Schools 1225 North 7th Street Minneapolis, MN 55411 Analyte Sample Location Lead Clinic Patient Rm 3 - Sink Lead Clinic Rm 11 - Sink Lead Clinic Rm 14 - Sink Lead Lab - Sink	Richard Green Central (Clinic) Minneapolis Public Schools 1225 North 7th Street Minneapolis, MN 55411 Sample F Report Analyte Sample Parameter Location Lead Clinic Patient Rm 3 - Sink Drinking Water Lead Clinic Rm 11 - Sink Drinking Water Lead Clinic Rm 14 - Sink Drinking Water Lead Lab - Sink Drinking Water	Richard Green Central (Clinic) Minneapolis Public Schools 1225 North 7th Street Minneapolis, MN 55411 Sample Prep. Date: Sample Prep. Time: Report Issue Date: Analyte Sample Parameter Sample C Location Date Lead Clinic Patient Rm 3 - Sink Drinking Water 03/07/19 Lead Clinic Rm 14 - Sink Drinking Water 03/07/19 Lead Lab - Sink Drinking Water 03/07/19	Richard Green Central (Clinic) Minneapolis Public Schools 1225 North 7th Street Minneapolis, MN 55411 Analyte Sample Parameter Sample Prep. Time: 13:55 Report Issue Date: 03/07/19 Analyte Sample Parameter Sample Collection Location Date Time Lead Clinic Patient Rm 3 - Sink Drinking Water 03/07/19 05:25 Lead Clinic Rm 11 - Sink Drinking Water 03/07/19 05:28 Lead Lab - Sink Drinking Water 03/07/19 05:36	Richard Green Central (Clinic) Minneapolis Public Schools Minneapolis, MN 55411 Analyte Sample Clinic Patient Rm 3 - Sink Lead Clinic Rm 14 - Sink Drinking Water Parameter Sample Preptoside Collection Date Clinic Rm 14 - Sink Drinking Water Date Wisconsin Statistics Wisconsin Statistics Report Number: 19-02711 Twin Sample Receipt Date: 03/07/19 617 Sample Prep. Date: 03/07/19 617 Sample Prep. Time: 13:55 Photographic Collection Sample Analyte Sample Parameter Sample Collection Sample Analyte Date Lead Clinic Patient Rm 3 - Sink Drinking Water Date Date Clinic Rm 14 - Sink Drinking Water Date Date O3/07/19 D5:25 O3/08/19 Lead Clinic Rm 14 - Sink Drinking Water Date O3/07/19 D5:28 O3/08/19	Richard Green Central (Clinic) Minneapolis Public Schools Minneapolis, MN 55411 Minneapolis, MN 55411 Analyte Sample Parameter Sample Collection Location Lead Clinic Patient Rm 3 - Sink Clinic Rm 14 - Sink Drinking Water Date Clinic Rm 14 - Sink Drinking Water Drinking Water Drinking Water Date Report Number: 19-02711 Twin City Water 03/07/19 617 13th A 618 13:55 Phone: (95 2) Sample Prep. Time: 13:55 Report Issue Date: 03/08/19 Fax: (952 2) Fax: (952 2) Collic Rm 14 - Sink Drinking Water 03/07/19 D5:25 D3/08/19 D5:27 D5:28 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:27 D5:28 D3/08/19 D5:27 D5:28 D7/08/19 D5:27 D7/08/19 D5:28 D7/08/19 D7/08/19 D5:27 D7/08/19 D5:28 D7/08/19 D7/08/19 D5:28 D7/08/19 D7/08/19 D5:28 D7/08/19 D7/	Richard Green Central (Clinic) Minneapolis Public Schools Minneapolis, MN 55411 Analyte Sample Parameter Sample Collection Location Date Clinic Patient Rm 3 - Sink Clinic Report Number: 19-02711 Report Number: 19-02711 Sample Prep. Date: 03/07/19 Sample Prep. Date: 03/07/19 Sample Prep. Time: 13:55 Report Issue Date: 03/08/19 Fax: (952)935-355 Report Issue Date: 03/08/19 Lead Clinic Patient Rm 3 - Sink Drinking Water Drinking	Richard Green Central (Clinic) Minneapolis Public Schools Sample Receipt Date: 03/07/19 Minneapolis, MN 55411 Sample Prep. Date: 03/08/19 Analyte Sample Parameter Sample Collection Lead Clinic Patient Rm 3 - Sink Clinic Rm 11 - Sink Drinking Water 03/07/19 Lead Clinic Rm 14 - Sink Drinking Water 03/07/19 Wisconsin State Laboratory ID# 105-10117 Wisconsin DNR Lab ID #399073400 Twin City Water Clinic Inc. 617 13th Avenue South 618 13:55 Phone: (952)935-3556 Fax: (952)935-3556 Report Issue Date: 03/08/19 Fax: (952)935-5077 Analyte Sample Parameter Sample Collection Date Time Date Time Results Units Lead Clinic Rm 11 - Sink Drinking Water 03/07/19 D5:25 D3/08/19 D5:26 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:28 D3/08/19 D5:27 D3/08/19 D5:27 D3/08/19 D5:28 D3/08/19 D5:28 D3/08/19 D5:27 D5:28 D3/08/19 D5:28 D5:28

The results listed in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted.

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