

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

Client: Hermantown Community Schools
 MacNeil Environmental Inc
Address: 21709 Pine St. P.O. Box 826
 Grand Rapids, MN 55744

Report Number: 18-15582
Sample Receipt Date: 11/30/18
Sample Prep. Date: 11/30/18
Sample Prep. Time: 10:50
Report Issue Date: 12/07/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

X No samples were subcontracted; or the above test 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.

Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
18-15582	Lead	Bus Garage DF	Drinking Water	11/28/18	07:15	12/03/18	12:25	3.52	µg/L
18-15583	Lead	Bus Garage rest room	Drinking Water	11/28/18	07:15	12/03/18	12:30	5.25	µg/L
18-15584	Lead	Admin BID kitchen	Drinking Water	11/28/18	07:20	12/03/18	12:35	<2.0	µg/L
18-15585	Lead	Ice Arena main lobby	Drinking Water	11/28/18	07:30	12/03/18	12:40	<2.0	µg/L
18-15586	Lead	Arena coaches office	Drinking Water	11/28/18	07:30	12/03/18	12:45	<2.0	µg/L
18-15587	Lead	Arena by Concessions	Drinking Water	11/28/18	07:30	12/03/18	12:50	<2.0	µg/L
18-15588	Lead	Arena Concessions	Drinking Water	11/28/18	07:31	12/03/18	12:55	<2.0	µg/L
18-15589	Lead	Arena Locker RM Varsity	Drinking Water	11/28/18	07:30	12/03/18	13:10	<2.0	µg/L
18-15590	Lead	Arena Locker RM A	Drinking Water	11/28/18	08:00	12/03/18	13:26	<2.0	µg/L
18-15591	Lead	Arena Weight RM	Drinking Water	11/28/18	08:00	12/03/18	13:30	<2.0	µg/L
18-15592	Lead	HafRC 1	Drinking Water	11/28/18	08:30	12/03/18	13:35	<2.0	µg/L
18-15593	Lead	Elementary RM 38	Drinking Water	11/28/18	08:30	12/03/18	13:40	<2.0	µg/L
18-15594	Lead	Elementary RM 4	Drinking Water	11/28/18	08:30	12/03/18	13:46	<2.0	µg/L
18-15595	Lead	Elementary RM 1	Drinking Water	11/28/18	08:35	12/03/18	13:51	<2.0	µg/L
18-15596	Lead	Elementary RM 4	Drinking Water	11/28/18	08:40	12/03/18	13:56	<2.0	µg/L
18-15597	Lead	Elementary RM 5	Drinking Water	11/28/18	08:45	12/03/18	14:01	<2.0	µg/L
18-15598	Lead	Elementary RM 6	Drinking Water	11/28/18	08:45	12/03/18	14:06	<2.0	µg/L
18-15599	Lead	Elementary RM 7	Drinking Water	11/28/18	08:45	12/04/18	10:57	<2.0	µg/L
18-15600	Lead	Elementary RM 8	Drinking Water	11/28/18	08:45	12/04/18	11:02	<2.0	µg/L
18-15601	Lead	Elementary RM 9	Drinking Water	11/28/18	08:50	12/04/18	11:07	<2.0	µg/L

Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: Client TCWC

Sample Temp.: 18° C

Notes:

Discussion: DF = drinking fountain

Approved By:



Bill Van Arsdale
 Laboratory Manager

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.

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

Client: Hermantown Community Schools
 MacNeil Environmental Inc
Address: 21709 Pine St. P.O. Box 826
 Grand Rapids, MN 55744

Report Number: 18-15602
Sample Receipt Date: 11/30/18
Sample Prep. Date: 11/30/18
Sample Prep. Time: 10:50
Report Issue Date: 12/07/18

Twin City Water Clinic Inc.
617 13th Avenue South
Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

X No samples were subcontracted; or the above test 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.

Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
18-15602	Lead	Elementary RM 10	Drinking Water	11/28/18	08:50	12/04/18	11:12	<2.0	µg/L
18-15603	Lead	Elementary RM 12	Drinking Water	11/28/18	08:55	12/04/18	11:17	<2.0	µg/L
18-15604	Lead	Elementary RM 14	Drinking Water	11/28/18	09:00	12/04/18	11:22	<2.0	µg/L
18-15605	Lead	Elementary RM 18	Drinking Water	11/28/18	09:05	12/04/18	11:27	<2.0	µg/L
18-15606	Lead	Elementary RM 19	Drinking Water	11/28/18	09:05	12/04/18	11:32	<2.0	µg/L
18-15607	Lead	Elementary RM 20	Drinking Water	11/28/18	09:05	12/04/18	11:37	<2.0	µg/L
18-15608	Lead	Elementary RM 21	Drinking Water	11/28/18	09:10	12/04/18	11:52	<2.0	µg/L
18-15609	Lead	Elementary RM 22	Drinking Water	11/28/18	09:10	12/04/18	12:07	<2.0	µg/L
18-15610	Lead	Elementary RM 23	Drinking Water	11/28/18	09:15	12/04/18	12:23	<2.0	µg/L
18-15611	Lead	Elementary RM 52	Drinking Water	11/28/18	09:20	12/04/18	12:28	<2.0	µg/L
18-15612	Lead	Elementary RM 56	Drinking Water	11/28/18	10:30	12/04/18	12:33	<2.0	µg/L
18-15613	Lead	Elementary RM 58	Drinking Water	11/28/18	10:30	12/04/18	12:38	<2.0	µg/L
18-15614	Lead	Elementary RM 60	Drinking Water	11/28/18	10:35	12/04/18	12:44	<2.0	µg/L
18-15615	Lead	Elementary RM 59	Drinking Water	11/28/18	10:30	12/04/18	12:49	<2.0	µg/L
18-15616	Lead	Elementary RM 57	Drinking Water	11/28/18	10:30	12/05/18	11:42	<2.0	µg/L
18-15617	Lead	Elementary RM 55	Drinking Water	11/28/18	10:35	12/05/18	11:47	<2.0	µg/L
18-15618	Lead	Elementary RM 53	Drinking Water	11/28/18	10:40	12/05/18	12:20	<2.0	µg/L
18-15619	Lead	Elementary RM 51	Drinking Water	11/28/18	10:40	12/05/18	12:35	<2.0	µg/L
18-15620	Lead	Elementary RM 29A	Drinking Water	11/28/18	10:40	12/05/18	12:40	<2.0	µg/L
18-15621	Lead	Elementary DF by RM 24	Drinking Water	11/28/18	10:45	12/05/18	12:45	<2.0	µg/L

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 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: Client TCWC

Sample Temp.: 18° C

Notes:

Discussion: DF = drinking fountain

Approved By:



Bill Van Arsdale
 Laboratory Manager

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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

Client: Hermantown Community Schools
 MacNeil Environmental Inc
Address: 21709 Pine St. P.O. Box 826
 Grand Rapids, MN 55744

Report Number: 18-15622
Sample Receipt Date: 11/30/18
Sample Prep. Date: 11/30/18
Sample Prep. Time: 10:50
Report Issue Date: 12/07/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

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Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
18-15622	Lead	Elementary DF by Door 4 (4A)	Drinking Water	11/28/18	10:45	12/05/18	12:50	<2.0	µg/L
18-15623	Lead	Elementary DF by Door 4 (4B)	Drinking Water	11/28/18	10:45	12/05/18	12:55	<2.0	µg/L
18-15624	Lead	Elementary RM 31	Drinking Water	11/28/18	10:50	12/05/18	13:00	<2.0	µg/L
18-15625	Lead	Elementary RM 32	Drinking Water	11/28/18	10:45	12/05/18	13:05	<2.0	µg/L
18-15626	Lead	Elementary RM 33	Drinking Water	11/28/18	10:50	12/05/18	13:10	<2.0	µg/L
18-15627	Lead	Elementary RM 34	Drinking Water	11/28/18	10:50	12/05/18	13:15	<2.0	µg/L
18-15628	Lead	Elementary RM 35	Drinking Water	11/28/18	10:55	12/06/18	10:29	<2.0	µg/L
18-15629	Lead	Elementary Cafeteria DF	Drinking Water	11/28/18	11:00	12/06/18	10:34	10.16	µg/L
18-15630	Lead	Elementary Kitchen E steam	Drinking Water	11/28/18	11:00	12/06/18	10:39	<2.0	µg/L
18-15631	Lead	Elementary DF by 3rd Grade E	Drinking Water	11/28/18	11:00	12/06/18	10:44	<2.0	µg/L
18-15632	Lead	Elementary DF by 3rd Grade W	Drinking Water	11/28/18	11:00	12/06/18	10:49	<2.0	µg/L
18-15633	Lead	Elementary DF by main office	Drinking Water	11/28/18	11:00	12/06/18	10:54	<2.0	µg/L
18-15634	Lead	Middle School DF by office	Drinking Water	11/29/18	07:30	12/06/18	10:59	<2.0	µg/L
18-15635	Lead	Middle School Weight RM 127	Drinking Water	11/29/18	08:30	12/06/18	11:04	<2.0	µg/L
18-15636	Lead	Middle School Gym DF	Drinking Water	11/29/18	08:35	12/06/18	11:09	<2.0	µg/L
18-15637	Lead	MS 2nd Floor /IMC	Drinking Water	11/29/18	08:45	12/06/18	11:24	2.51	µg/L
18-15638	Lead	MS 2nd Floor by Art	Drinking Water	11/29/18	08:50	12/06/18	11:39	<2.0	µg/L
18-15639	Lead	MS DF Concession	Drinking Water	11/29/18	08:50	12/06/18	11:44	<2.0	µg/L
18-15640	Lead	MS DF by Band	Drinking Water	11/29/18	09:00	12/06/18	11:49	<2.0	µg/L
18-15641	Lead	MS Kitchen prep	Drinking Water	11/29/18	09:00	12/06/18	11:54	<2.0	µg/L

Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: Client TCWC

Sample Temp.: 18° C

Notes:

Discussion: DF = drinking fountain

Approved By:



Bill Van Arsdale
 Laboratory Manager

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Minnesota State Laboratory ID# 027-053-119
 Wisconsin State Laboratory ID# 105-10117
 Wisconsin DNR Lab ID #399073400

Client: Hermantown Community Schools
 MacNeil Environmental Inc
Address: 21709 Pine St. P.O. Box 826
 Grand Rapids, MN 55744

Report Number: 18-15642
Sample Receipt Date: 11/30/18
Sample Prep. Date: 11/30/18
Sample Prep. Time: 10:50
Report Issue Date: 12/07/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

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Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
18-15642	Lead	MS kitchen steamer left	Drinking Water	11/29/18	09:20	12/06/18	11:59	<2.0	µg/L
18-15643	Lead	MS kitchen steamer right	Drinking Water	11/29/18	09:20	12/06/18	12:04	4.36	µg/L
18-15644	Lead	HS DF by Auditorium - left	Drinking Water	11/29/18	09:30	12/06/18	12:09	<2.0	µg/L
18-15645	Lead	HS DF by Auditorium - right	Drinking Water	11/29/18	09:30	12/06/18	12:14	<2.0	µg/L
18-15646	Lead	HS DF by RM 1014 (left)	Drinking Water	11/29/18	09:30	12/06/18	12:19	<2.0	µg/L
18-15647	Lead	HS DF by RM 1014 (right)	Drinking Water	11/29/18	09:30	12/06/18	12:35	<2.0	µg/L
18-15648	Lead	HS DF by RM 2015 (left)	Drinking Water	11/29/18	09:40	12/06/18	12:50	<2.0	µg/L
18-15649	Lead	HS DF by RM 2015 (right)	Drinking Water	11/29/18	09:40	12/06/18	12:55	<2.0	µg/L
18-15650	Lead	HS DF by locker bank (left)	Drinking Water	11/29/18	09:40	12/06/18	13:00	<2.0	µg/L
18-15651	Lead	HS DF by locker bank (right)	Drinking Water	11/29/18	09:40	12/06/18	13:05	<2.0	µg/L
18-15652	Lead	HS teacher lounge	Drinking Water	11/29/18	09:45	12/06/18	13:10	<2.0	µg/L
18-15653	Lead	HS DF lobby (left)	Drinking Water	11/29/18	09:40	12/06/18	13:15	<2.0	µg/L
18-15654	Lead	HS DF lobby (right)	Drinking Water	11/29/18	09:40	12/06/18	13:20	<2.0	µg/L
18-15655	Lead	HS Concessions	Drinking Water	11/29/18	09:40	12/06/18	13:25	4.06	µg/L
18-15656	Lead	HS Weight RM DF (left)	Drinking Water	11/29/18	10:00	12/06/18	13:30	<2.0	µg/L
18-15657	Lead	HS Weight RM DF (right)	Drinking Water	11/29/18	10:00	12/07/18	11:48	<2.0	µg/L
18-15658	Lead	HS Track DF (left)	Drinking Water	11/29/18	10:00	12/07/18	11:53	<2.0	µg/L
18-15659	Lead	HS Track DF (right)	Drinking Water	11/29/18	10:00	12/07/18	11:58	<2.0	µg/L
18-15660	Lead	HS DF Aux. Gym (left)	Drinking Water	11/29/18	10:10	12/07/18	12:03	<2.0	µg/L
18-15661	Lead	HS DF Aux. Gym (right)	Drinking Water	11/29/18	10:10	12/07/18	12:08	<2.0	µg/L

Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: Client TCWC

Sample Temp.: 18° C

Notes:

Discussion: DF = drinking fountain

Approved By:



Bill Van Arsdale
 Laboratory Manager

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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

Client: Hermantown Community Schools
 MacNeil Environmental Inc
Address: 21709 Pine St. P.O. Box 826
 Grand Rapids, MN 55744

Report Number: 18-15662
Sample Receipt Date: 11/30/18
Sample Prep. Date: 11/30/18
Sample Prep. Time: 10:50
Report Issue Date: 12/07/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

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Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
18-15662	Lead	HS gym DF by elevator (left)	Drinking Water	11/29/18	12:30	12/07/18	12:13	<2.0	µg/L
18-15663	Lead	HS gym DF by elevator (right)	Drinking Water	11/29/18	12:30	12/07/18	12:18	<2.0	µg/L


Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: Client TCWC

Sample Temp.: 18° C

Notes:

Discussion: DF = drinking fountain

Approved By: 
 Bill Van Arsdale
 Laboratory Manager

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