



Executive Director
Bruce Jensen

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"Your Resource and
Learning Partner"

July 18, 2018

Galen Clow
Goodridge School District
P.O. Box 195
Goodridge, MN 56725

Re: Lead (Pb) In School Drinking Water Sampling Results

Dear Mr. Clow,

Northwest Service Cooperative (NWSC) has received the laboratory analytical testing results for the water samples collected from your District facility locations. The enclosed report provides a summary of the sampling results and pertinent recommendations, as necessary.

Minnesota Department of Health Guidance Criteria

The MDH/MDE guidance document requires the testing of all water fixtures used in food preparation or used by children, staff, or pregnant women for drinking water purposes. Lead in water can result from plumbing systems where leaded solder was used to connect copper piping or from lead-lined water cooler outlets. The on again/off again usage patterns within school facilities can create elevated lead concentrations in excess of 15 parts per billion (ppb), particularly after weekend, holidays, and vacations.

Water Sampling Results

All sample results were below the 15 ppb threshold. No further action is necessary at this time.

Sample Analysis

All sample analysis was completed by Twin City Water Clinic by GFAAS using EPA Method Number 239.2. Chain of custody worksheets have been used throughout the analytical process. The laboratory analysis report is attached for your review.

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: Goodridge School ISD 561
 Northwest Service CO-OP
Address: 114 First Street West
 Thief River Falls, MN 56701

Report Number: 18-08803
Sample Receipt Date: 07/11/18
Sample Prep. Date: 07/11/18
Sample Prep. Time: 12:30
Report Issue Date: 07/13/18

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.

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: X Client TCWC

Sample Temp.: 28 ° C

Notes: Sample location flushed before sample collection.

Discussion: DF = drinking fountain

Approved By: 

Bill Van Arsdale
 Laboratory Manager

Laboratory Sample ID	Analyte	Sample Location	Parameter	Sample Collection		Sample Analysis		Test Results	Units
				Date	Time	Date	Time		
18-08803	Lead	Public Kitchen	Drinking Water	7/10/18	06:40	07/12/18	11:44	<2.0	µg/L
18-08804	Lead	School Kitchen 1 S	Drinking Water	7/10/18	06:50	07/12/18	11:49	<2.0	µg/L
18-08805	Lead	School Kitchen 2	Drinking Water	7/10/18	06:51	07/12/18	11:54	<2.0	µg/L
18-08806	Lead	School Kitchen 3	Drinking Water	7/10/18	06:52	07/12/18	11:59	<2.0	µg/L
18-08807	Lead	School Kitchen 4 N	Drinking Water	7/10/18	06:53	07/12/18	12:04	<2.0	µg/L
18-08808	Lead	Jims Room	Drinking Water	7/10/18	08:15	07/12/18	12:09	<2.0	µg/L
18-08809	Lead	Para 1 South	Drinking Water	7/10/18	08:21	07/12/18	12:14	<2.0	µg/L
18-08810	Lead	Para 1 North	Drinking Water	7/10/18	08:22	07/12/18	12:19	<2.0	µg/L
18-08811	Lead	Bottom Floor DF	Drinking Water	7/10/18	07:10	07/12/18	12:24	<2.0	µg/L
18-08812	Lead	2nd Floor DF	Drinking Water	7/10/18	08:45	07/13/18	11:18	<2.0	µg/L
18-08813	Lead	West Lounge sink	Drinking Water	7/10/18	08:50	07/13/18	11:23	<2.0	µg/L
18-08814	Lead	East Lounge sink	Drinking Water	7/10/18	08:52	07/13/18	11:28	<2.0	µg/L
18-08815	Lead	3rd Floor DF	Drinking Water	7/10/18	09:00	07/13/18	11:33	<2.0	µg/L
18-08816	Lead	Lobby DF	Drinking Water	7/10/18	09:10	07/13/18	11:37	<2.0	µg/L
18-08817	Lead	1st Grade DF	Drinking Water	7/10/18	09:15	07/13/18	11:42	<2.0	µg/L
18-08818	Lead	2nd Grade DF	Drinking Water	7/10/18	09:25	07/13/18	11:58	<2.0	µg/L
18-08819	Lead	3rd Grade DF	Drinking Water	7/10/18	09:35	07/13/18	12:14	<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.