



Northwest Service Cooperative

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Executive Director
Bruce Jensen

"Your Resource and
Learning Partner"

February 6, 2018

Mr. Bob Jaszczak, Superintendent
Kittson Central School District
444 North Ash
Hallock, MN 56728

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

Dear Mr. Jaszczak,

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. There was one sample that was very close to the 15 ppb and that was the sprayer by the dishwasher in the kitchen. Recommend that this source only be used for rinsing dishes.

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.

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

Twin City Water Clinic Laboratory Test Report

Client: Kittson Central School Northwest Service CO-OP Address: 114 First Street West Thief River Falls, MN 56701	Report Number: 18-00312 Sample Receipt Date: 01/02/18 Sample Prep. Date: 01/03/18 Sample Prep. Time: 11:00 Report Issue Date: 01/26/18
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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 Sample ID	Analyte	Sample Location	Parameter	Sample Collection		Sample Analysis		Test Results	Units
				Date	Time	Date	Time		
18-00312	Lead	South DF by RM 204	Drinking Water	12/26/17	15:00	01/05/18	10:48	<2.0	µg/L
18-00313	Lead	North DF by RM 204	Drinking Water	12/26/17	15:00	01/05/18	10:54	<2.0	µg/L
18-00314	Lead	South DF by RM 410	Drinking Water	12/26/17	15:00	01/05/18	11:00	<2.0	µg/L
18-00315	Lead	North DF by RM410	Drinking Water	12/26/17	15:00	01/05/18	11:06	<2.0	µg/L
18-00316	Lead	RM 410	Drinking Water	12/26/17	15:00	01/05/18	11:13	<2.0	µg/L
18-00317	Lead	RM 411	Drinking Water	12/26/17	15:00	01/05/18	11:19	<2.0	µg/L
18-00318	Lead	RM 409	Drinking Water	12/26/17	15:00	01/05/18	11:25	<2.0	µg/L
18-00319	Lead	RM 408	Drinking Water	12/26/17	15:00	01/05/18	12:10	<2.0	µg/L
18-00320	Lead	RM 208 B	Drinking Water	12/26/17	15:00	01/05/18	12:25	<2.0	µg/L
18-00321	Lead	RM 208 A	Drinking Water	12/26/17	15:00	01/05/18	12:30	<2.0	µg/L
18-00322	Lead	RM 213	Drinking Water	12/26/17	15:00	01/05/18	12:35	<2.0	µg/L
18-00323	Lead	RM 214	Drinking Water	12/26/17	15:00	01/05/18	12:40	<2.0	µg/L
18-00324	Lead	RM 217 North side	Drinking Water	12/26/17	15:00	01/05/18	12:45	<2.0	µg/L
18-00325	Lead	RM 217 South side	Drinking Water	12/26/17	15:00	01/05/18	12:50	<2.0	µg/L
18-00326	Lead	RM 201	Drinking Water	12/26/17	15:15	01/05/18	12:55	<2.0	µg/L
18-00327	Lead	RM 216	Drinking Water	12/26/17	15:15	01/05/18	13:00	<2.0	µg/L
18-00328	Lead	RM 222 SW sink	Drinking Water	12/26/17	15:15	01/05/18	13:05	<2.0	µg/L
18-00329	Lead	RM 222 SE sink	Drinking Water	12/26/17	15:15	01/05/18	13:20	<2.0	µg/L
18-00330	Lead	RM 222 East sink	Drinking Water	12/26/17	15:15	01/05/18	13:36	<2.0	µg/L
18-00331	Lead	RM 222 NE sink	Drinking Water	12/26/17	15:15	01/05/18	13:41	<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: X_Client TCWC
 Sample Temp.: 11 °C

Notes: Sample locations flushed for 15 minutes prior to sample collection.
 Discussion:

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.

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

Twin City Water Clinic Laboratory Test Report

Client: Kittson Central School Northwest Service CO-OP Address: 114 First Street West Thief River Falls, MN 56701	Report Number: 18-00332 Sample Receipt Date: 01/02/18 Sample Prep. Date: 01/03/18 Sample Prep. Time: 11:00 Report Issue Date: 01/26/18 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 Sample ID	Analyte	Sample Location	Parameter	Sample Collection		Sample Analysis		Test	
				Date	Time	Date	Time	Results	Units
18-00332	Lead	RM 222 NW sink	Drinking Water	12/26/17	15:15	01/05/18	13:46	<2.0	µg/L
18-00333	Lead	North DF by RM 225	Drinking Water	12/26/17	15:15	01/05/18	13:51	2.70	µg/L
18-00334	Lead	South DF by RM 225	Drinking Water	12/26/17	15:15	01/05/18	13:56	5.45	µg/L
18-00335	Lead	RM 141 Copy RM	Drinking Water	12/26/17	15:15	01/05/18	14:01	<2.0	µg/L
18-00336	Lead	RM 138 Teachers Lounge	Drinking Water	12/26/17	15:30	01/05/18	14:06	<2.0	µg/L
18-00337	Lead	DF by RM 140	Drinking Water	12/26/17	15:30	01/05/18	14:11	<2.0	µg/L
18-00338	Lead	Main sink-Kitchen	Drinking Water	12/26/17	15:30	01/05/18	14:16	4.88	µg/L
18-00339	Lead	Sprayer Main sink-Kitchen	Drinking Water	12/26/17	15:30	01/08/18	12:25	6.34	µg/L
18-00340	Lead	Sprayer by dishwasher-Kitchen	Drinking Water	12/26/17	15:30	01/08/18	12:30	14.48	µg/L
18-00341	Lead	DF across from Cafeteria (E)	Drinking Water	12/26/17	15:30	01/08/18	12:35	<2.0	µg/L
18-00342	Lead	DF across from Cafeteria (W)	Drinking Water	12/26/17	15:30	01/08/18	12:40	<2.0	µg/L
18-00343	Lead	DF across from RM 531 (W)	Drinking Water	12/26/17	15:30	01/08/18	12:45	<2.0	µg/L
18-00344	Lead	DF across from RM 531 (E)	Drinking Water	12/26/17	15:30	01/08/18	12:51	<2.0	µg/L
18-00345	Lead	RM 529 Concessions	Drinking Water	12/26/17	15:30	01/08/18	13:06	<2.0	µg/L

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Sample Collected by: Client TCWC
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