



DRINKING WATER ANALYSIS REPORT

Elemental Solutions, LLC

P.O. Box 59203, Schaumburg, IL 60173

www.elementalsolutionsllc.com

Prepared For:	Kaneland CUSD 302
Report Attention To:	Mark Payton
Sample Collection Date(s):	1/19/2018
Sample Collection Volume:	250mL
Date & Time of Last System Use:	1/18/18, 4pm

Analysis Parameter:	Lead by EPA 200.8; MRL = 1ppb
Analysis Date(s):	2/5/2018
Laboratory:	PDC Labs

Sampling Location	Sample ID	Result (µg/L)	Comments
ST. 124 HALL DF	8013094-01	<2.00	under the action limit
ST. 124 HALL DF 2D	8013094-02	<2.00	under the action limit
ST 122B HALL DF	8013094-03	<2.00	under the action limit
ST 122B HALL DF 2D	8013094-04	<2.00	under the action limit
ST 128 SINK	8013094-05	2.53	above the action limit
ST 128 SINK 2D	8013094-06	2.25	above the action limit
ST 129 SINK	8013094-07	2.38	above the action limit
ST 129 SINK 2D	8013094-08	<2.00	under the action limit
ST 130 SINK	8013094-09	2.87	above the action limit
ST 130 SINK 2D	8013094-10	<2.00	under the action limit
ST 136 HALL DF	8013094-11	<2.00	under the action limit
ST 136 HALL DF 2D	8013094-12	<2.00	under the action limit
ST RM 146 S1	8013094-13	4.39	above the action limit
ST RM 146 S1 2D	8013094-14	3.18	above the action limit
ST RM 146 DF2	8013094-15	2.68	above the action limit
ST RM 146 DF2 2D	8013094-16	2.69	above the action limit
ST RM 144 SINK	8013094-17	4.81	above the action limit
ST RM 144 SINK 2D	8013094-18	2.62	above the action limit
ST RM 143	8013094-19	2.14	above the action limit
ST RM 143 2D	8013094-20	<2.00	under the action limit
ST RM 142 SINK	8013094-21	4.41	above the action limit
ST RM 142 SINK 2D	8013094-22	<2.00	under the action limit
ST 156 HALL DF1 BOYS	8013094-23	<2.00	under the action limit
ST 156 HALL DF1 BOYS 2D	8013094-24	<2.00	under the action limit
ST 156 HALL DF2 GIRLS	8013094-25	<2.00	under the action limit
ST 156 HALL DF2 GIRLS 2D	8013094-26	<2.00	under the action limit
ST 206 HALL DF	8013094-27	<2.00	under the action limit
ST 206 HALL DF 2D	8013094-28	<2.00	under the action limit
ST KITCHEN 1	8013094-29	2.61	above the action limit
ST KITCHEN 1 2D	8013094-30	2.54	above the action limit
ST KITCHEN 2	8013094-31	3.05	above the action limit
ST KITCHEN 2 2D	8013094-32	5.61	above the action limit
ST GYM DF	8013094-33	<2.00	under the action limit
ST GYM DF 2D	8013094-34	<2.00	under the action limit
ST 113 HALL DF	8013094-35	<2.00	under the action limit
ST 113 HALL DF 2D	8013094-36	<2.00	under the action limit



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Laboratory:	PDC Labs

Sampling Location	Sample ID	Result (µg/L)	Comments
ST RM 107 SINK	8013094-37	<2.00	under the action limit
ST RM 107 SINK 2D	8013094-38	<2.00	under the action limit
ST 106 HALL DF	8013094-39	2.94	above the action limit
ST 106 HALL DF 2D	8013094-40	<2.00	under the action limit
ST NURSE	8013094-41	<2.00	under the action limit
ST NURSE 2D	8013094-42	<2.00	under the action limit



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Additional Information:

The intention of SB550/P.A. 099-0922 was to identify potential lead exposure and insure public health among young school children.

IDPH has issued a guidance document on mitigating any sites where lead levels exceed 2ppb:

<http://www.dph.illinois.gov/sites/default/files/publications/publicationsohpschool-mitigation-strategies-got-lead-school-drinking-water-guidance-document.pdf>

Development of a water management plan is recommended in order to address the areas with high lead concentrations.

The laboratory results and this report should be emailed within 7 business days to: dph.leadh2o@illinois.gov

The link to the IDPH website is: <http://www.dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water>

SB550/P.A. 099-0922 requires communication of lead testing results. If the water sources test below 5 ppb, communication can be made via the school website.

If any water source tests at or above 5 ppb, written or electronic notification must be made to the parents/guardians and include the test result and the water source's location within the school. This notification must contain the United States Environmental Protection Agency's website for information about lead in drinking water.

<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>