

December 15, 2021



District Health & Safety
St. Anthony-New Brighton ISD #282
3303- 33rd Avenue NE
St. Anthony, MN 55418

**RE: District-Wide
Lead-in-Water First Draw – Initial Testing
IEA Project #202111026**

Health & Safety Representative:

At the request of St. Anthony-New Brighton ISD #282, IEA collected 175 water samples from identified potable water sources on November 11, 2021, for lead analyses from the following three (3) district buildings:

- Community Services (9 samples)
- High School-Middle School (66 samples)
- Wilshire Park Elementary (100 samples)

The purpose of the sampling is to document lead content in the sampled locations.

Note: There were fourteen (14) fixtures throughout the District that either the water was shut off or were not in use. These locations should be tested when they are turned back on or are back in use. See the list of these fixtures in Appendix B.

INTRODUCTION

Minnesota Statute 121A.335 requires public school buildings serving pre-kindergarten through grade 12 to test for lead in potable water fixtures every five years. The *3Ts for Reducing Lead in Drinking Water Toolkit (2018)* and the Lead Contamination Control Act (LCCA) of 1988 were created by the Environmental Protection Agency (EPA) to identify and reduce lead in drinking water. Lead is a metal that usually enters drinking water through the distribution system, including pipes, solders, faucets, and valves. Lead content in water may increase when the water is allowed to sit undisturbed in the system. Exposure to lead is a health concern.

The EPA recommends taking action when elevated lead levels are noted in water fixtures. The MDH and MDE recommend taking a fixture out of service if levels are 20 parts per billion (ppb) or higher. The MDH and MDE also recommend taking action according to their guidelines for fixtures with levels of 2 parts per billion (ppb) or higher.

INSTITUTE FOR ENVIRONMENTAL ASSESSMENT, INC.
www.ieasafety.com

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Brooklyn Park, MN 55445
763-315-7900 / FAX 763-315-7920
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MANKATO
610 North Riverfront Drive
Mankato, MN 56001
507-345-8818 / FAX 507-345-5301
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ROCHESTER
210 Woodlake Drive SE
Rochester, MN 55904
507-281-6664 / FAX 507-281-6695
800-233-9513

BRAINERD
601 NW 5th Street, Ste. #4
Brainerd, MN 56401
218-454-0703 / FAX 218-454-0703
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MARSHALL
1420 East College Drive
Marshall, MN 56258
507-476-3599 / FAX 507-537-6985
800-233-9513

VIRGINIA
5525 Emerald Avenue
Mountain Iron, MN 55768
218-410-9521
800-233-9513

METHODOLOGY

IEA collected 175 first-draw samples of approximately 250 milliliters (ml) of water. “First draw” means the samples are collected before the fixture is used or flushed during the day. The first-draw sample results reflect a worst-case scenario, i.e., the highest lead level that would be consumed by building occupants. MDH recommends fixtures not be used 6 to 18 hours prior to sampling fixtures.

Water samples were analyzed by Minnesota Valley Testing Laboratories (MVTL) in New Ulm, Minnesota, which uses EPA-approved analytical methods and quality control/assurance procedures. Samples were analyzed using the ICP/MS EPA Method 200.8.

RESULTS & DISCUSSION

The lead-in-water sampling results ranged from below the level of detection (<0.5 ppb) to 120 ppb. There are nine (9) sample results greater than the district designated action level of 20 ppb. See *Table 1: Water Testing Results Exceeding 20 ppb*. The laboratory reports are provided in Appendix A. Laboratory results are reported in micrograms per liter (µg/L) which is equivalent to ppb.

Table 1: Water Testing Results Exceeding 20 ppb – November 11, 2021

Sample Number	Building	Sampling Location	Fixture Type	Lead Results (ppb)
11112021HSMS-14	High School-Middle School	GIRLS DRESSING ROOM SINK	Faucet	120
11112021HSMS-24	High School-Middle School	KITCHEN HALL WEST SINK	Faucet	31.4
11112021HSMS-35	High School-Middle School	DISTRICT OFFICE LOUNGE SINK	Faucet	49.1
11112021HSMS-57	High School-Middle School	MS OFFICE SINK	Faucet	29.1
11112021HSMS-66	High School-Middle School	ROOM 318 SINK	Faucet	46.9
11112021HSMS-67	High School-Middle School	ROOM 323 SINK	Faucet	52.5
11112021WP-3	Wilshire Park Elementary	KITCHEN NW SINK	Faucet	22.3
11112021WP-4	Wilshire Park Elementary	KITCHEN N CENTER SINK	Faucet	37.1
11112021WP-55	Wilshire Park Elementary	ROOM 307 SINK	Faucet	22.1

ppb – parts per billion

RECOMMENDATIONS

IEA recommends implementing one of the following treatment options for the nine (9) fixtures with lead levels above the district designated action level of 20 ppb. Fixtures should be retested after remediation to verify lead content reduction.

- The fixture should be removed from service by disconnecting it from the water supply and/or posting signs that the water is not potable and notify staff accordingly.
- Bottled water should be provided to occupants which meets FDA and state standards. A written statement from the bottled water distributor guaranteeing the standards are met should be filed with the district.
- Lead pipes on the property and district portion of the service line should be replaced.
- The plumbing system should be reconfigured to redirect the water to bypass any known sources of lead contamination.

- The fixture should be replaced with a "lead-free" fixture certified to NSF/ANSI 372 or NSF/ANSI 61-G. The *Reduction of Lead in Drinking Water Act* redefines "lead-free" as "not more than a weighted average of 0.25% lead when used with respect to wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures." Effective January 4, 2014, drinking water system components sold or installed must adhere to this new requirement.
- A drinking water treatment unit certified to NSF/ANSI 53 or NSF/ANSI 42 for lead reduction should be installed.
- Flush testing should be conducted in accordance with MDH, MDE, and EPA guidelines to determine if flushing will reduce lead content. If results indicate that flushing will reduce lead to acceptable levels:
 - A flushing program should be implemented which includes documentation of daily flushing and periodic program review.
 - It should be noted that elevated levels can return quickly following flushing depending upon the age and condition of the plumbing. The plumbing components should be replaced to ensure any repair or replacement is done using only "lead-free" solder can address high lead levels.
 - Existing wires in the building that could be grounded to lead piping should be checked, since the electrical current produced may accelerate the corrosion of the pipes. The wires could also be checked to find an alternative grounding system.

In addition, the MDH recommends labeling any water fixtures not included in the sampling program, including bathroom taps, hose bibbs, laboratory faucets/sinks, or custodial closet sinks.

If the school receives its water from a Community Public Water Supply, such as a municipal water supply, MDH encourages the school to work with them to assess the source contribution of lead coming into the school.

It is recommended that a copy of the district's Lead in Water Testing Report be made available to staff and the public through the district's administrative offices. Per Minnesota Statutes, section 121A.335, a school district that has tested its buildings for the presence of lead shall make the results of the testing available to the public for review and must notify parents of the availability of the information.

GENERAL CONDITIONS

The analysis and opinions expressed in this report are based upon data obtained from the district at the indicated locations. This report does not reflect variations in conditions that may occur across the site, property, or facility. Actual conditions may vary and may not become evident without further assessment.

The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental, health and safety practices. Other than as provided in the preceding sentence and in our Proposal #10032 dated October 20, 2021, regarding lead-in-water sampling at district locations, including the General Conditions attached thereto, no warranties are extended or made.

Please contact IEA if you would like assistance with any of the above recommendations or have questions regarding this report.

Sincerely,

IEA, Inc.

Reviewed by:



Brenda Fischer
Account Manager



Karen Weiblen
EHS Consultant

KW/khb 12152021

Enc.

Appendix A

Laboratory Testing Reports



MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890

2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724

1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

www.mvttl.com

MEMBER
ACIL

Report Date: 3 Dec 2021

HEIDI SOLBERG
IEA/BROOKLYN PARK
9201 W BDWY STE #600
BROOKLYN PARK MN 55445

Work Order #: 12-17878
Account #: 002190
Purchase Order #: 202111026

Date Received: 11 Nov 2021
Date Sampled: 11 Nov 2021
Temperature at Receipt: 17.3C

PROJECT NAME: COMMUNITY SERVICES
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A59880	11112021CS-1 LOBBY RESTROOM AREA NORTH WC	< 0.5 ug/L	15.0	1 Dec 21	RMV
21-A59881	11112021CS-2 LOBBY RESTROOM AREA SOUTH WC	< 0.5 ug/L	15.0	1 Dec 21	RMV
21-A59882	11112021CS-3 KITCHEN SNK	0.69 ug/L	15.0	1 Dec 21	RMV
21-A59883	11112021CS-6 CS9 SNK	1.11 ug/L	15.0	1 Dec 21	RMV
21-A59884	11112021CS-7 CS12 SNK	< 0.5 ug/L	15.0	1 Dec 21	RMV
21-A59885	11112021CS-8 CS15 SNK	0.88 ug/L	15.0	1 Dec 21	RMV
21-A59886	11112021CS-9 CS16 SNK	< 0.5 ug/L	15.0	1 Dec 21	RMV
21-A59887	11112021CS-10 CS17 SNK	< 0.5 ug/L	15.0	1 Dec 21	RMV

Approved by:

Dan O'Connell

David Smahel

Chemistry Laboratory Managers New Ulm, MN

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:

@ = Due to sample matrix

= Due to concentration of other analytes

! = Due to sample quantity

+ = Due to internal standard response

CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040



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21-A59888	11112021CS-11 CS18 SNK	< 0.5 ug/L	15.0	1 Dec 21	RMV

Approved by:

Dan O'Connell

Chemistry Laboratory Managers New Ulm, MN

David Smahel

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BROOKLYN PARK MN 55445

Work Order #: 12-18091
Account #: 002190
Purchase Order #: 202111026

Date Received: 12 Nov 2021
Date Sampled: 11 Nov 2021
Temperature at Receipt: 17.9C

PROJECT NAME: ST ANTHONY VIL. HS & MIDDLE SCHOOL
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61002	11112021HSMS-1 MENS LOCKER RM-WC	1.08 ug/L	15.0	2 Dec 21	RMV
21-A61003	11112021HSMS-2 HALLWAY OUTSIDE OF GYM- WC-BF COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61004	11112021HSMS-3 HALLWAY OUTSIDE OF GYM- WC-BF COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61005	11112021HSMS-4 POOL-WC-BF COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61006	11112021HSMS-5 POOL-WC-BF COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61007	11112021HSMS-6 CONCESSIONS SINK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61008	11112021HSMS-7 HALLWAY OUTSIDE UPPER GYM 016-WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61009	11112021HSMS-8 HALLWAY OUTSIDE UPPER GYM 016-WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61010	11112021HSMS-9 HALLWAY OUTSIDE UPPER GYM DF	3.36 ug/L	15.0	2 Dec 21	RMV
21-A61011	11112021HSMS-10 WOMENS LOCKER RM WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61012	11112021HSMS-11 INSTRUMENT STORAGE ROOM SINK	3.76 ug/L	15.0	2 Dec 21	RMV
21-A61013	11112021HSMS-12 INSTRUMENT STORAGE ROOM DF	1.29 ug/L	15.0	2 Dec 21	RMV
21-A61014	11112021HSMS-13 BOYS DRESSING ROOM SINK	16.0 ug/L	15.0	2 Dec 21	RMV
21-A61015	11112021HSMS-14 GIRLS DRESSING ROOM SINK	120 ~ ug/L	15.0	7 Dec 21	RMV
~Sample diluted due to result above calibration or linear range.					
21-A61016	11112021HSMS-15 HALLWAY OUTSIDE WT RM WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV

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9201 W BDWY STE #600

BROOKLYN PARK MN 55445

PROJECT NAME: ST ANTHONY VIL. HS & MIDDLE SCHOOL

PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61017	11112021HSMS-16 HALLWAY OUTSIDE WT RM WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61018	11112021HSMS-17 WEIGHT ROOM STORAGE SINK	2.47 ug/L	15.0	2 Dec 21	RMV
21-A61019	11112021HSMS-18 STAFF LOUNGE SINK	2.47 ug/L	15.0	2 Dec 21	RMV
21-A61020	11112021HSMS-19 KITCHEN STEAM KETTLE	2.36 ug/L	15.0	2 Dec 21	RMV
21-A61021	11112021HSMS-20 KITCHEN BUNN HOT WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61022	11112021HSMS-21 KITCHEN EAST SINK	0.73 ug/L	15.0	2 Dec 21	RMV
21-A61023	11112021HSMS-22 KITCHEN NW SPR	2.44 ug/L	15.0	2 Dec 21	RMV
21-A61024	11112021HSMS-23 KITCHEN SW SINK	0.73 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61025	11112021HSMS-24 KITCHEN HALL WEST SINK	31.4 ug/L	15.0	2 Dec 21	RMV
21-A61026	11112021HSMS-25 KITCHEN HALL EAST SINK	9.49 ug/L	15.0	2 Dec 21	RMV
21-A61027	11112021HSMS-26 KITCHEN SERVING SINK	2.57 ug/L	15.0	2 Dec 21	RMV
21-A61028	11112021HSMS-27 HALLWAY OUTSIDE AUDITORIUM-WC	2.90 ug/L	15.0	2 Dec 21	RMV
21-A61029	11112021HSMS-28 HALLWAY NEAR ROOM 100-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61030	11112021HSMS-29 BREAK ROOM NEAR RM 103 SINK	5.89 ug/L	15.0	2 Dec 21	RMV
21-A61031	11112021HSMS-31 HALLWAY NEAR RM 109 WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61032	11112021HSMS-32 HALLWAY NEAR RM 109 WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61033	11112021HSMS-33 MEDIA CENTER BREAK ROOM SINK	2.66 ug/L	15.0	2 Dec 21	RMV
21-A61034	11112021HSMS-34 HALLWAY NEAR RM 116-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61035	11112021HSMS-35 DISTRICT OFFICE LOUNGE SINK	49.1 ug/L	15.0	2 Dec 21	RMV
21-A61036	11112021HSMS-36 HALLWAY OUTSIDE DISTRICT OFFICE-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61037	11112021HSMS-37 HS MAIN OFFICE HALL SINK	6.25 ug/L	15.0	2 Dec 21	RMV
21-A61038	11112021HSMS-39 HEALTH OFFICE SINK	2.61 ug/L	15.0	7 Dec 21	RMV
21-A61039	11112021HSMS-40 HEALTH OFFICE FILTERED WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61040	11112021HSMS-41 HEALTH OFFICE NORTH RESTROOM SINK	9.99 ug/L	15.0	7 Dec 21	RMV
21-A61041	11112021HSMS-42 HEALTH OFFICE SOUTH RESTROOM SINK	8.86 ug/L	15.0	2 Dec 21	RMV
21-A61042	11112021HSMS-43 ROOM OFF OF RM 214-SNK	10.6 ug/L	15.0	7 Dec 21	RMV
21-A61043	11112021HSMS-44 ROOM OFF OF RM 216-SNK	0.73 ug/L	15.0	2 Dec 21	RMV
21-A61044	11112021HSMS-45 HALLWAY OUTSIDE RM 216 WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61045	11112021HSMS-46 HALLWAY OUTSIDE RM 216 WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61046	11112021HSMS-47 HALL ACROSS FROM ROOM 217-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV

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Date Sampled: 11 Nov 2021
Temperature at Receipt: 17.9C

PROJECT NAME: ST ANTHONY VIL. HS & MIDDLE SCHOOL
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61047	11112021HSMS-48 ROOM 209 EAST SINK	2.29 ug/L	15.0	2 Dec 21	RMV
21-A61048	11112021HSMS-49 ROOM 209 NORTH WALL WEST SINK	3.07 ug/L	15.0	2 Dec 21	RMV
21-A61049	11112021HSMS-50 ROOM 209 NORTH WALL EAST SINK	3.24 ug/L	15.0	7 Dec 21	RMV
21-A61050	11112021HSMS-51 ROOM 209 NORTH STATIONS WEST SINK	2.07 ug/L	15.0	2 Dec 21	RMV
21-A61051	11112021HSMS-52 ROOM 209 NORTH STATIONS CENTER SINK	1.29 ug/L	15.0	2 Dec 21	RMV
21-A61052	11112021HSMS-53 ROOM 209 NORTH STATIONS EAST SINK	1.76 ug/L	15.0	2 Dec 21	RMV
21-A61053	11112021HSMS-54 ROOM 209 SOUTH STATIONS WEST SINK	1.36 ug/L	15.0	2 Dec 21	RMV
21-A61054	11112021HSMS-55 ROOM 209 SOUTH STATIONS CENTER SINK	1.34 ug/L	15.0	2 Dec 21	RMV

Approved by:

Dan O'Connell

David Smahel

Chemistry Laboratory Managers New Ulm, MN

Page: 7

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CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040



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Report Date: 8 Dec 2021

HEIDI SOLBERG
IEA/BROOKLYN PARK
9201 W BDWY STE #600
BROOKLYN PARK MN 55445

Work Order #: 12-18091
Account #: 002190
Purchase Order #: 202111026

Date Received: 12 Nov 2021
Date Sampled: 11 Nov 2021
Temperature at Receipt: 17.9C

PROJECT NAME: ST ANTHONY VIL. HS & MIDDLE SCHOOL
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61055	11112021HSMS-56 ROOM 209 SOUTH STATIONS EAST SINK	1.07 ug/L	15.0	2 Dec 21	RMV
21-A61056	11112021HSMS-57 MS OFFICE SINK	29.1 ug/L	15.0	2 Dec 21	RMV
21-A61057	11112021HSMS-58 MS OFFICE FILTERED WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61058	11112021HSMS-59 ROOM 220 SINK	1.32 ug/L	15.0	2 Dec 21	RMV
21-A61059	11112021HSMS-60 ROOM 220 FILTERED WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61060	11112021HSMS-61 HALLWAY NEAR RM 300 WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61061	11112021HSMS-62 ROOM 309 SINK	11.4 ug/L	15.0	2 Dec 21	RMV

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PROJECT NAME: ST ANTHONY VIL. HS & MIDDLE SCHOOL
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61062	11112021HSMS-63 ROOM 311 SINK	7.27 ug/L	15.0	2 Dec 21	RMV
21-A61063	11112021HSMS-64 HALLWAY NEAR RM 316 WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61064	11112021HSMS-65 HALLWAY NEAR RM 316 WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61065	11112021HSMS-66 ROOM 318 SNK	46.9 ug/L	15.0	2 Dec 21	RMV
21-A61066	11112021HSMS-67 ROOM 323 SNK	52.5 ug/L	15.0	2 Dec 21	RMV
21-A61067	11112021HSMS-68 HALLWAY NEAR RM 318-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV

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IEA/BROOKLYN PARK
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Work Order #: 12-18144
Account #: 002190
Purchase Order #: 202111026

Date Received: 11 Nov 2021
Date Sampled: 11 Nov 2021
Temperature at Receipt: 16.8C

PROJECT NAME: WILSHIRE PARK ELEM.
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61287	11112021WP-1 STAFF LOUNGE 142-SNK	0.55 ug/L	15.0	2 Dec 21	RMV
21-A61288	11112021WP-2 KITCHEN SOUTH SINK	12.1 ug/L	15.0	2 Dec 21	RMV
21-A61289	11112021WP-3 KITCHEN NW SINK	22.3 ug/L	15.0	2 Dec 21	RMV
21-A61290	11112021WP-4 KITCHEN N CENTER SINK	37.1 ug/L	15.0	2 Dec 21	RMV
21-A61291	11112021WP-5 KITCHEN NE SINK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61292	11112021WP-6 CAFETERIA WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61293	11112021WP-7 CAFETERIA WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61294	11112021WP-8 ROOM 136 SINK	3.07 ug/L	15.0	7 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61295	11112021WP-9 EAST GYM ROOM 120-DF	4.60 ug/L	15.0	2 Dec 21	RMV
21-A61296	11112021WP-10 ROOM 126 FILTERED WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61297	11112021WP-11 ROOM 126 SINK	3.80 ug/L	15.0	2 Dec 21	RMV
21-A61298	11112021WP-12 ROOM 119 DF	2.15 ug/L	15.0	2 Dec 21	RMV
21-A61299	11112021WP-13 ROOM 119 SNK	3.28 ug/L	15.0	2 Dec 21	RMV
21-A61300	11112021WP-14 HALLWAY ACROSS FROM ROOM 119-WEST WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61301	11112021WP-15 HALLWAY ACROSS FROM ROOM 119-EAST WC	0.50 ug/L	15.0	2 Dec 21	RMV
21-A61302	11112021WP-16 ROOM 132 DF	6.21 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61303	11112021WP-17 ROOM 121 SNK	1.55 ug/L	15.0	2 Dec 21	RMV
21-A61304	11112021WP-18 ROOM 123 SNK	0.78 ug/L	15.0	2 Dec 21	RMV
21-A61305	11112021WP-19 ROOM 125 DF	1.52 ug/L	15.0	2 Dec 21	RMV
21-A61306	11112021WP-20 ROOM 125 SNK	1.15 ug/L	15.0	2 Dec 21	RMV
21-A61307	11112021WP-21 ROOM 127 SNK	1.06 ug/L	15.0	2 Dec 21	RMV
21-A61308	11112021WP-22 ROOM 217 NORTH SNK	1.18 ug/L	15.0	2 Dec 21	RMV
21-A61309	11112021WP-23 ROOM 217 SOUTH SNK	1.97 ug/L	15.0	2 Dec 21	RMV

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PROJECT NAME: WILSHIRE PARK ELEM.

PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61310	11112021WP-24 ROOM 217-DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61311	11112021WP-25 GYM 223 ENTRY-NORTH WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61312	11112021WP-26 GYM 223 ENTRY-NORTH WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61313	11112021WP-27 GYM 223 ENTRY-NORTH WC	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61314	11112021WP-31 ROOM 236-WEST SNK	1.30 ug/L	15.0	2 Dec 21	RMV
21-A61315	11112021WP-32 ROOM 236-DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61316	11112021WP-33 ROOM 236-CENTER SINK	1.21 ug/L	15.0	2 Dec 21	RMV
21-A61317	11112021WP-34 ROOM 236-EAST SINK	2.21 ug/L	15.0	2 Dec 21	RMV

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Chemistry Laboratory Managers New Ulm, MN

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61318	11112021WP-35 ROOM 234-SNK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61319	11112021WP-36 ROOM 234-DF	2.93 ug/L	15.0	2 Dec 21	RMV
21-A61320	11112021WP-37 ROOM 232 SNK	1.09 ug/L	15.0	2 Dec 21	RMV
21-A61321	11112021WP-38 ROOM 232 DF	0.84 ug/L	15.0	2 Dec 21	RMV
21-A61322	11112021WP-41 ROOM 226 SNK	0.73 ug/L	15.0	2 Dec 21	RMV
21-A61323	11112021WP-42 ROOM 226 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61324	11112021WP-43 ROOM 224 SNK	0.92 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61325	11112021WP-44 ROOM 224 DF	3.93 ug/L	15.0	7 Dec 21	RMV
21-A61326	11112021WP-45 ROOM 222 SNK	0.79 ug/L	15.0	2 Dec 21	RMV
21-A61327	11112021WP-46 ROOM 222 DF	2.37 ug/L	15.0	2 Dec 21	RMV
21-A61328	11112021WP-47 ROOM 220 SNK	0.98 ug/L	15.0	2 Dec 21	RMV
21-A61329	11112021WP-48 ROOM 220 DF	5.79 ug/L	15.0	2 Dec 21	RMV
21-A61330	11112021WP-49 ROOM 218 SNK	1.02 ug/L	15.0	2 Dec 21	RMV
21-A61331	11112021WP-50 ROOM 218 DF	5.24 ug/L	15.0	7 Dec 21	RMV
21-A61332	11112021WP-51 HALLWAY OUTSIDE RM 303 WC-BF-COMBO-WC	< 0.5 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61333	11112021WP-52 HALLWAY OUTSIDE RM 303 WC-BF-COMBO-BF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61334	11112021WP-53 ROOM 305 SNK	2.82 ug/L	15.0	2 Dec 21	RMV
21-A61335	11112021WP-54 ROOM 305 DF	4.65 ug/L	15.0	2 Dec 21	RMV
21-A61336	11112021WP-55 ROOM 307 SNK	22.1 ug/L	15.0	7 Dec 21	RMV
21-A61337	11112021WP-56 ROOM 307 DF	7.48 ug/L	15.0	2 Dec 21	RMV
21-A61338	11112021WP-57 ROOM 309 SNK	4.70 ug/L	15.0	2 Dec 21	RMV
21-A61339	11112021WP-58 ROOM 309 DF	1.22 ug/L	15.0	2 Dec 21	RMV

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21-A61340	11112021WP-59 ROOM 311 SNK	2.31 ug/L	15.0	2 Dec 21	RMV
21-A61341	11112021WP-60 ROOM 311 DF	3.20 ug/L	15.0	2 Dec 21	RMV
21-A61342	11112021WP-61 ROOM 308 SNK	0.68 ug/L	15.0	2 Dec 21	RMV
21-A61343	11112021WP-62 ROOM 308 DF	0.74 ug/L	15.0	2 Dec 21	RMV
21-A61344	11112021WP-63 ROOM 300 SNK	0.64 ug/L	15.0	2 Dec 21	RMV
21-A61345	11112021WP-64 ROOM 300 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61346	11112021WP-65 HALLWAY OUTSIDE ROOM 118 WEST WC	1.37 ug/L	15.0	2 Dec 21	RMV
21-A61347	11112021WP-66 HALLWAY OUTSIDE ROOM 118 EAST WC	1.35 ug/L	15.0	2 Dec 21	RMV

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21-A61348	11112021WP-67 ROOM 118 SNK	4.51 ug/L	15.0	7 Dec 21	RMV
21-A61349	11112021WP-68 ROOM 209 NORTH SNK	14.6 ug/L	15.0	2 Dec 21	RMV
21-A61350	11112021WP-69 ROOM 209 SOUTH SNK	14.6 ug/L	15.0	2 Dec 21	RMV
21-A61351	11112021WP-70 ROOM 210 SNK	1.35 ug/L	15.0	2 Dec 21	RMV
21-A61352	11112021WP-71 ROOM 210 DF	1.09 ug/L	15.0	2 Dec 21	RMV
21-A61353	11112021WP-72 ROOM 208 SNK	1.25 ug/L	15.0	2 Dec 21	RMV
21-A61354	11112021WP-73 ROOM 208 DF	2.44 ug/L	15.0	7 Dec 21	RMV

Approved by:

Dan O'Connell

David Smahel

Chemistry Laboratory Managers New Ulm, MN

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CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040



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MEMBER

ACIL

Report Date: 8 Dec 2021

HEIDI SOLBERG
IEA/BROOKLYN PARK
9201 W BDWY STE #600
BROOKLYN PARK MN 55445

Work Order #: 12-18144
Account #: 002190
Purchase Order #: 202111026

Date Received: 11 Nov 2021
Date Sampled: 11 Nov 2021
Temperature at Receipt: 16.8C

PROJECT NAME: WILSHIRE PARK ELEM.
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61355	11112021WP-74 ROOM 206 SNK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61356	11112021WP-75 ROOM 206 DF	1.71 ug/L	15.0	2 Dec 21	RMV
21-A61357	11112021WP-76 ROOM 204 SNK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61358	11112021WP-78 ROOM 202 SNK	0.69 ug/L	15.0	2 Dec 21	RMV
21-A61359	11112021WP-79 ROOM 202 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61360	11112021WP-80 ROOM 200 SNK	0.75 ug/L	15.0	2 Dec 21	RMV
21-A61361	11112021WP-81 ROOM 200 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61362	11112021WP-82 ROOM 201 SNK	0.92 ug/L	15.0	2 Dec 21	RMV

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21-A61363	11112021WP-83 ROOM 201 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61364	11112021WP-84 HALLWAY OUTSIDE ROOM 108 WC	0.88 ug/L	15.0	2 Dec 21	RMV
21-A61365	11112021WP-85 ROOM 110 SNK	13.5 ug/L	15.0	2 Dec 21	RMV
21-A61366	11112021WP-86 ROOM 108 SNK	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61367	11112021WP-87 ROOM 108 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61368	11112021WP-88 ROOM 106 SNK	3.42 ug/L	15.0	2 Dec 21	RMV
21-A61369	11112021WP-89 ROOM 106 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV

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LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61370	11112021WP-90 ROOM 112 SNK	15.3 ug/L	15.0	2 Dec 21	RMV
21-A61371	11112021WP-91 ROOM 111 SNK	0.80 ug/L	15.0	2 Dec 21	RMV
21-A61372	11112021WP-92 ROOM 111 DF	2.15 ug/L	15.0	2 Dec 21	RMV
21-A61373	11112021WP-93 ROOM 109 SNK	0.78 ug/L	15.0	2 Dec 21	RMV
21-A61374	11112021WP-94 ROOM 109 DF	1.01 ug/L	15.0	2 Dec 21	RMV
21-A61375	11112021WP-95 ROOM 107 SNK	1.73 ug/L	15.0	2 Dec 21	RMV
21-A61376	11112021WP-96 ROOM 107 DF	0.91 ug/L	15.0	2 Dec 21	RMV
21-A61377	11112021WP-97 ROOM 105 SNK	1.49 ug/L	15.0	2 Dec 21	RMV

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PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61378	11112021WP-98 ROOM 105 DF	0.98 ug/L	15.0	2 Dec 21	RMV
21-A61379	11112021WP-99 ROOM 103 SNK	1.20 ug/L	15.0	2 Dec 21	RMV
21-A61380	11112021WP-100 ROOM 103 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61381	11112021WP-101 ROOM 101 SNK	0.62 ug/L	15.0	2 Dec 21	RMV
21-A61382	11112021WP-102 ROOM 101 DF	< 0.5 ug/L	15.0	2 Dec 21	RMV
21-A61383	11112021WP-103 HEALTH OFFICE 102 SNK	0.58 ug/L	15.0	2 Dec 21	RMV
21-A61384	11112021WP-104 HEALTH OFFICE 102 FILTERED WATER	< 0.5 ug/L	15.0	2 Dec 21	RMV

Approved by:

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Chemistry Laboratory Managers New Ulm, MN

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PROJECT NAME: WILSHIRE PARK ELEM.
PROJECT NUMBER: 202111026

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
21-A61385	11112021WP-105 HEALTH OFFICE RESTROOM SNK	0.56 ug/L	15.0	2 Dec 21	RMV
21-A61386	11112021WP-106 MAIN OFFICE BREAK AREA SNK	0.60 ug/L	15.0	2 Dec 21	RMV

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Page: 14

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Appendix B

List of Fixtures Not Tested

St. Anthony-New Brighton ISD #282 Building	Water Sample Location	Date Not Sampled for LIW Project #202111026	Comments & Observations 
Community Services	Main Hall - WC	11/11/2021	Not in use - bagged
Community Services	Hall Outside of Gym - WC	11/11/2021	Not in use - bagged
Wilshire Park Elementary	East Gym 120 - West DF	11/11/2021	OFF
Wilshire Park Elementary	Room 121 - DF	11/11/2021	OFF
Wilshire Park Elementary	Room 123 - DF	11/11/2021	OFF
Wilshire Park Elementary	Room 127 - DF	11/11/2021	OFF
Wilshire Park Elementary	Room 204 - DF	11/11/2021	OFF
Wilshire Park Elementary	Room 230 - North SNK	11/11/2021	OFF
Wilshire Park Elementary	Room 230 - South SNK	11/11/2021	OFF
Wilshire Park Elementary	Room 230 - DF	11/11/2021	OFF
Wilshire Park Elementary	Gym 223 entry - South WC-BF combo - BF	11/11/2021	OFF
Wilshire Park Elementary	Gym 223 entry - South WC-BF combo - WC	11/11/2021	OFF
Wilshire Park Elementary	Gym 223 entry - South WC	11/11/2021	OFF
HS-MS	HS Main Office Hall - Bunn Hot Water	11/11/2021	Not in use

Appendix C

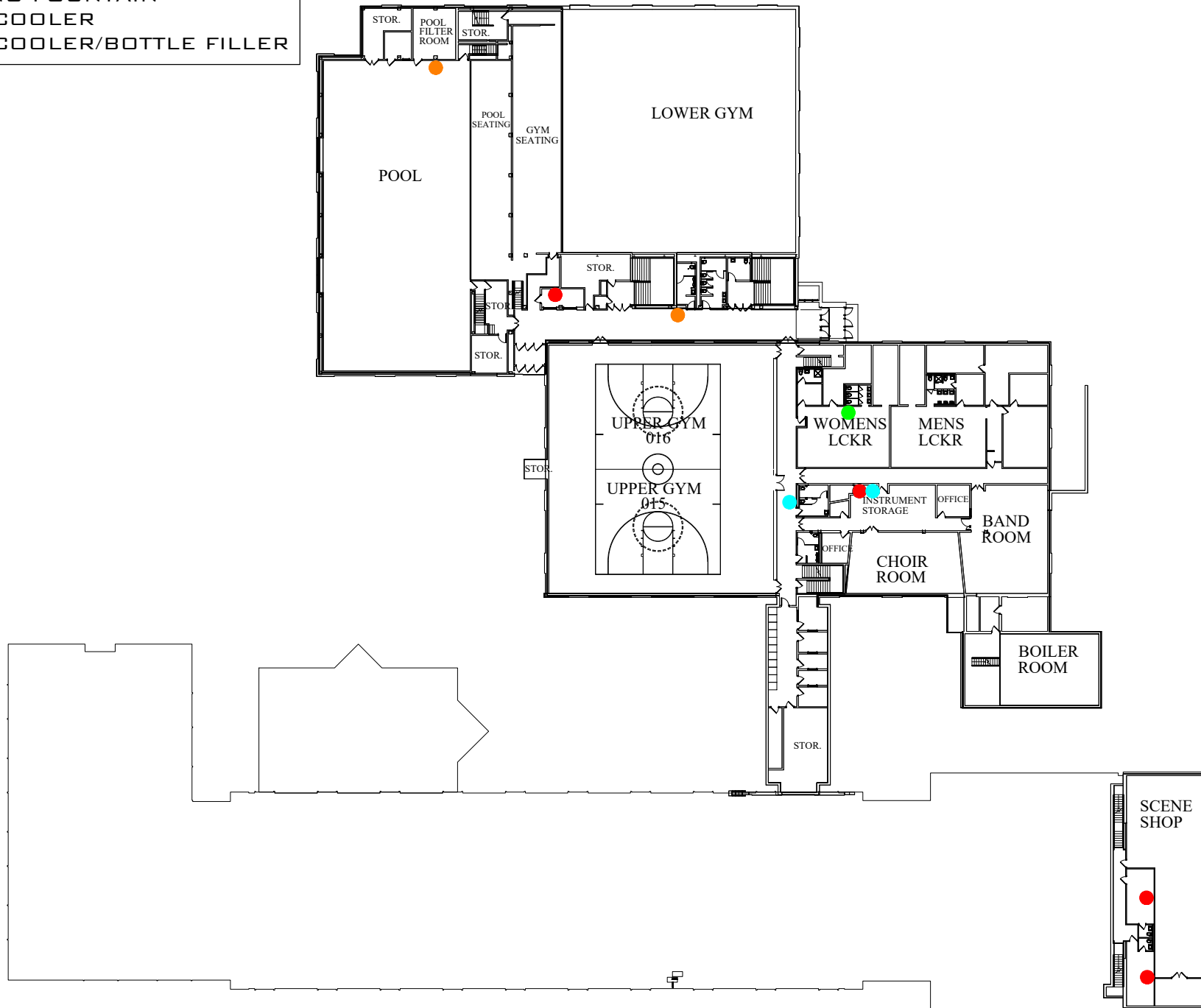
Maps

● SINK
● WATER COOLER
X NOT IN USE-BAGGED



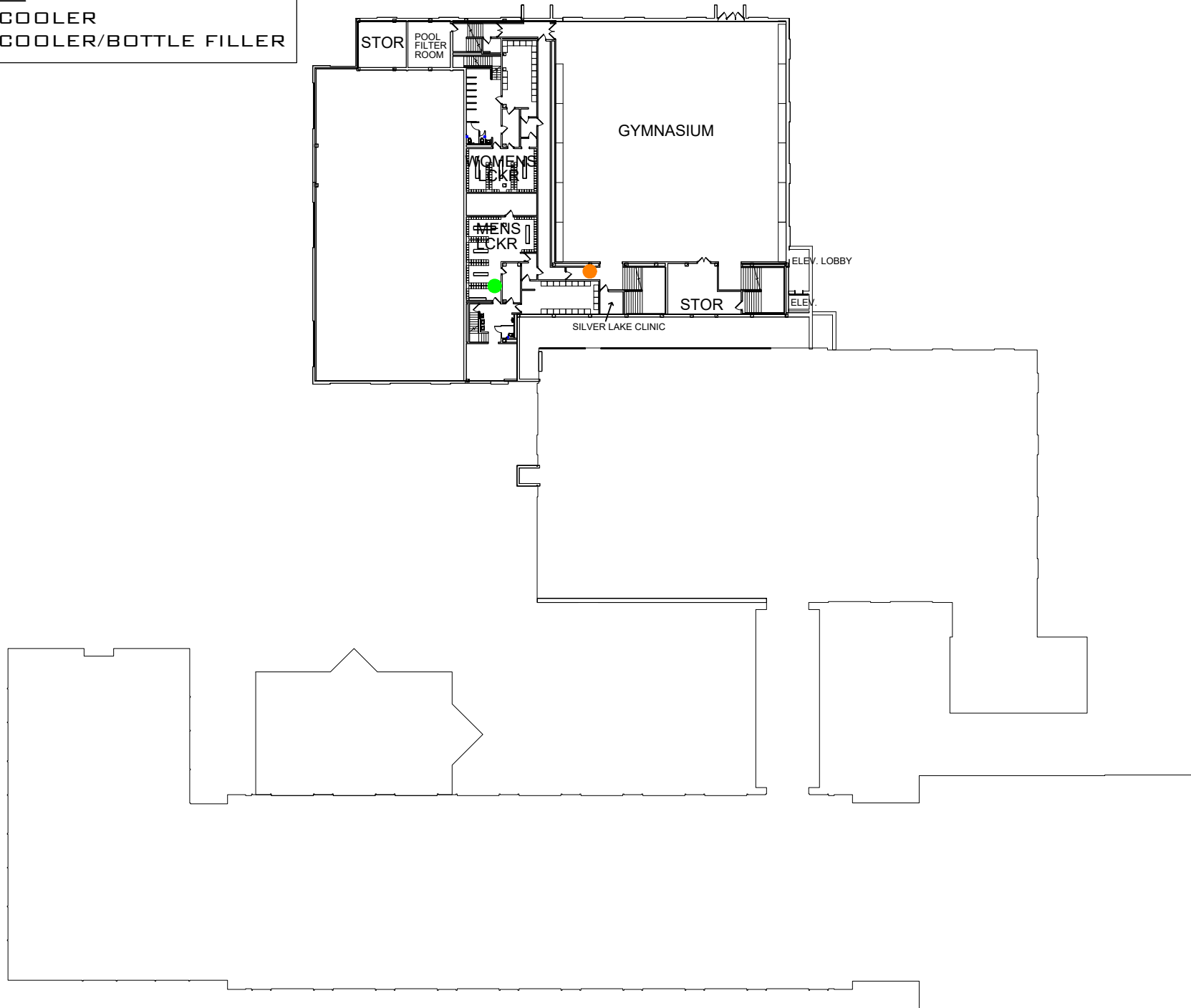
LEGEND

- SINK
- DRINKING FOUNTAIN
- WATER COOLER
- WATER COOLER/BOTTLE FILLER



LEGEND

- WATER COOLER
- WATER COOLER/BOTTLE FILLER



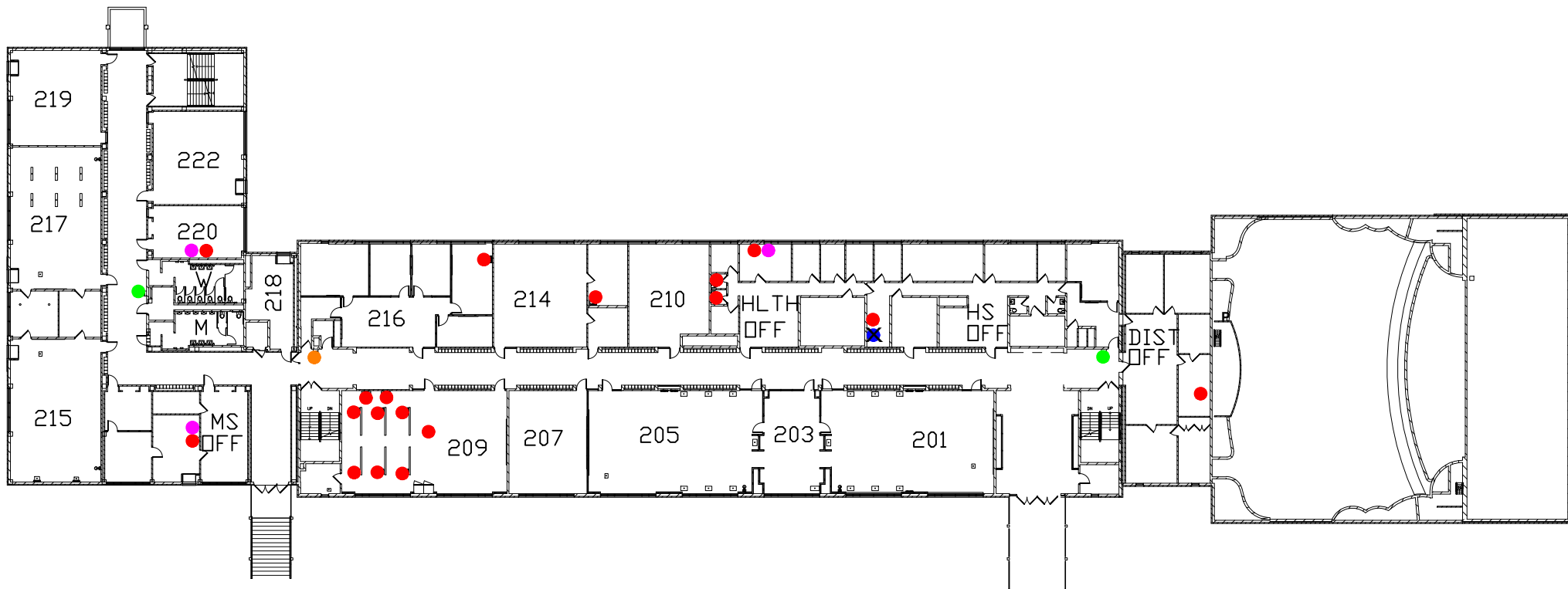
LEGEND

- SINK
- WATER COOLER
- WATER COOLER/BOTTLE FILLER
- BUNN HOT WATER
- STEAM KETTLE



LEGEND

- SINK
- WATER COOLER
- WATER COOLER/BOTTLE FILLER
- FILTERED WATER
- BUNN HOT WATER
- X NOT IN USE



LEGEND

- SINK
- WATER COOLER
- WATER COOLER/BOTTLE FILLER



LEGEND

- SINK
- DRINKING FOUNTAIN
- WATER COOLER
- WATER COOLER/BOTTLE FILLER
- FILTERED WATER
- X WATER SHUT-OFF

