

April 5, 2023



Dan Lehman
Facilities Director
Jordan Public Schools
500 Sunset Drive
Jordan, MN 55352

**RE: Jordan Public Schools
2023 Lead-in-Water First Draw – Initial Testing
IEA Project #202310114**

Dear Mr. Lehman:

At the request of Jordan Public Schools, IEA collected 143 water samples from identified potable water sources on March 24, 2023, for lead analyses from the following three (3) buildings:

- Jordan Elementary School
- Jordan High School
- Jordan Middle School/CERC Building

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

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

BROOKLYN PARK
9201 West Broadway, #600
Brooklyn Park, MN 55445
763-315-7900 / FAX 763-315-7920
800-233-9513

MANKATO
610 North Riverfront Drive
Mankato, MN 56001
507-345-8818 / FAX 507-345-5301
800-233-9513

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
800-233-9513

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 143 first-draw (unless otherwise noted) 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 MVTL Method: 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 641 ppb. There are nine (9) sample results greater than the district-designated 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 – March 24, 2023

Sample Number	Building	Sampling Location	Fixture Type	Lead Results (ppb)
03-24-2023-JES-17	Jordan Elementary School	Room 47	Bubbler	24.0
03-24-2023-JES-20	Jordan Elementary School	Room 48 Workroom	Bubbler	115
03-24-2023-JES-49	Jordan Elementary School	Kitchen – Left Sink	Sink	39.3
03-24-2023-JHS-10	Jordan High School	Concession Stand	Sink	20.5
03-24-2023-JHS-38	Jordan High School	Kitchen – Hobart Mixer	Mixer	316
03-24-2023-JHS-40	Jordan High School	Kitchen – West Steam Kettle	Kettle	60.9
03-24-2023-JHS-42	Jordan High School	Kitchen – Standing Tap by Kettles	Tap	641
03-24-2023-JHS-45	Jordan High School	Kitchen – South Wall Sprayer	Sprayer	28.4
03-24-2023-JHS-47	Jordan High School	Kitchen – Standing Tap by Burners	Tap	625

ppb – parts per billion

RECOMMENDATIONS

IEA recommends implementing one of the following treatment options for fixtures with elevated lead content. 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 staff notified 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

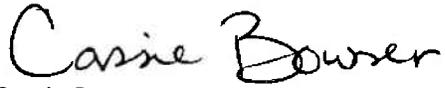
The analysis and opinions expressed in this report are based upon data obtained from Jordan Public Schools at the indicated locations. This report does not reflect variations in conditions that may occur across the site, property, or facility. Actual conditions may vary and may not become evident without 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 #10953 dated December 9, 2022, regarding lead-in-water sampling at Jordan Public Schools, 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.



Cassie Bowser
EH&S Project Manager

CB/khb 04052023

Enc.

Appendix A

Laboratory Testing Reports



MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 North Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 East Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Jordan Elementary School (10565)
Account #: 2190

Client: Institute for Environmental Assessment (IEA)
PO: Jordan Elementary

Jeff Anderson
IEA
9201 W Broadway Suite #600
Brooklyn Park, MN 55445

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

Dave Smahel, Inorganic Chemistry/Feed Lab Manager New Ulm, MN

Analyses performed under Minnesota Department of Health Accreditation conforms to the current TNI standards.

NEW ULM LAB CERTIFICATIONS:
MN LAB # 027-015-125ND WW/DW # R-040

BISMARCK LAB CERTIFICATIONS:
MN LAB # 038-999-267ND W/DW # ND-016

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.



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Workorder: Jordan Elementary School (10565)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Workorder Comments

All samples were preserved with nitric acid upon receipt at the laboratory.

Analysis Results Comments

10565019 (03-24-2023-JES-20)

Sample required dilution due to high concentration of target analyte(s). Reporting limit has been raised.
(Lead)

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10565001 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-01 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: nurse's sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.97	ug/L	15	EPA 200.8	03/31/2023 16:35	

Lab ID: 10565002 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-02 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 16

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.93	ug/L	15	EPA 200.8	03/31/2023 16:37	

Lab ID: 10565003 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-03 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: media center

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	15.4	ug/L	15	EPA 200.8	03/31/2023 16:38	

Lab ID: 10565004 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-04 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: fountain by room 24

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	10.8	ug/L	15	EPA 200.8	03/31/2023 16:39	

Lab ID: 10565005 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-05 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 21

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.20	ug/L	15	EPA 200.8	03/31/2023 16:41	

Lab ID: 10565006 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-06 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 23

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	10.1	ug/L	15	EPA 200.8	03/31/2023 16:42	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10565007	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-07	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 26					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.63	ug/L	15	EPA 200.8	03/31/2023 16:43	
Lab ID:	10565008	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-09	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 28					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	9.46	ug/L	15	EPA 200.8	03/31/2023 16:44	
Lab ID:	10565009	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-10	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	fountain by room 30					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:55	
Lab ID:	10565010	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-11	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 31					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	4.42	ug/L	15	EPA 200.8	03/31/2023 16:56	
Lab ID:	10565011	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-12	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 37					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	10.4	ug/L	15	EPA 200.8	03/31/2023 16:57	
Lab ID:	10565012	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-13	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 38					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	14.6	ug/L	15	EPA 200.8	03/31/2023 16:59	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10565013	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-14	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 41					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.54	ug/L	15	EPA 200.8	03/31/2023 17:00	
Lab ID:	10565014	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-15	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 42					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.44	ug/L	15	EPA 200.8	03/31/2023 17:01	
Lab ID:	10565015	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-16	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 43					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.59	ug/L	15	EPA 200.8	03/31/2023 17:02	
Lab ID:	10565016	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-17	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 47					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	24.0	ug/L	15	EPA 200.8	03/31/2023 17:04	
Lab ID:	10565017	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-18	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	fountain between 44 & 46					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	9.47	ug/L	15	EPA 200.8	03/31/2023 17:05	
Lab ID:	10565018	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-19	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 46					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	8.83	ug/L	15	EPA 200.8	03/31/2023 17:06	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10565019	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-20	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 48 workroom						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		115	ug/L	15	EPA 200.8	03/31/2023 17:24	*
Lab ID:	10565020	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-21	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 50 art room						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.90	ug/L	15	EPA 200.8	03/31/2023 17:18	
Lab ID:	10565021	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-22	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 49						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		8.19	ug/L	15	EPA 200.8	03/31/2023 17:19	
Lab ID:	10565022	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-23	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 67						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		0.93	ug/L	15	EPA 200.8	03/31/2023 17:20	
Lab ID:	10565023	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-24	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 69						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.00	ug/L	15	EPA 200.8	03/31/2023 17:22	
Lab ID:	10565024	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water		
Sample ID:	03-24-2023-JES-25	Date Received:	03/28/2023 12:51				
Temp @ Receipt (C):							
Sample Desc:	room 71						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		1.31	ug/L	15	EPA 200.8	03/31/2023 17:25	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10565025	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-26	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 72					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.22	ug/L	15	EPA 200.8	03/31/2023 17:26	
Lab ID:	10565026	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-27	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 73					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.63	ug/L	15	EPA 200.8	03/31/2023 17:27	
Lab ID:	10565027	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-28	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 74					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.20	ug/L	15	EPA 200.8	03/31/2023 17:29	
Lab ID:	10565028	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-29	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 75					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.10	ug/L	15	EPA 200.8	03/31/2023 17:30	
Lab ID:	10565029	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-30	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 77					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.96	ug/L	15	EPA 200.8	03/31/2023 17:40	
Lab ID:	10565030	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-31	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 79					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.96	ug/L	15	EPA 200.8	03/31/2023 17:42	

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Report Date: Monday, April 3, 2023 7:23:31 AM

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 www.MVTL.com

**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10565031	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-32	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 81					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.85	ug/L	15	EPA 200.8	03/31/2023 17:43	
Lab ID:	10565032	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-33	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 83					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.29	ug/L	15	EPA 200.8	03/31/2023 17:44	
Lab ID:	10565033	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-34	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 85					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.94	ug/L	15	EPA 200.8	03/31/2023 16:20	
Lab ID:	10565034	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-35	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	by new addition RR					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:21	
Lab ID:	10565035	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-36	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 86					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.19	ug/L	15	EPA 200.8	03/31/2023 16:34	
Lab ID:	10565036	Date Collected:	No Date Sampled Supplied	Matrix:	Potable Water	
Sample ID:	03-24-2023-JES-37	Date Received:	03/28/2023 12:51			
Temp @ Receipt (C):						
Sample Desc:	room 84					
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.27	ug/L	15	EPA 200.8	03/31/2023 16:35	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10565037 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-38 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 68

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.79	ug/L	15	EPA 200.8	03/31/2023 16:36	

Lab ID: 10565038 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-39 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 66

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.07	ug/L	15	EPA 200.8	03/31/2023 16:37	

Lab ID: 10565039 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-40 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 65

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.19	ug/L	15	EPA 200.8	03/31/2023 16:38	

Lab ID: 10565040 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-41 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 64 fountain

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.77	ug/L	15	EPA 200.8	03/31/2023 16:39	

Lab ID: 10565041 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-42 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 64

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.58	ug/L	15	EPA 200.8	03/31/2023 16:40	

Lab ID: 10565042 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-43 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 60 fountain

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	3.93	ug/L	15	EPA 200.8	03/31/2023 16:41	

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**Workorder:** Jordan Elementary School (10565)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10565043 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-44 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 60

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.28	ug/L	15	EPA 200.8	03/31/2023 16:42	

Lab ID: 10565044 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-45 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: multi-purpose room fountain

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.68	ug/L	15	EPA 200.8	03/31/2023 16:43	

Lab ID: 10565045 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-46 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 94

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.28	ug/L	15	EPA 200.8	03/31/2023 16:54	

Lab ID: 10565046 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-47 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 98

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.58	ug/L	15	EPA 200.8	03/31/2023 16:56	

Lab ID: 10565047 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-48 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 97

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.17	ug/L	15	EPA 200.8	03/31/2023 16:57	

Lab ID: 10565048 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-49 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: room 95

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.13	ug/L	15	EPA 200.8	03/31/2023 16:58	

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Workorder: Jordan Elementary School (10565)

Client: Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 10565049 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-50 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: left sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	39.3	ug/L	15	EPA 200.8	03/31/2023 16:59	

Lab ID: 10565050 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-51 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: middle sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.76	ug/L	15	EPA 200.8	03/31/2023 17:00	

Lab ID: 10565051 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-52 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):
Sample Desc: ktichen sprayer

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	3.07	ug/L	15	EPA 200.8	03/31/2023 17:01	

Lab ID: 10565052 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-JES-08 **Date Received:** 03/28/2023 12:51
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	7.31	ug/L	15	EPA 200.8	03/31/2023 17:02	

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Workorder: Jordan Elementary School (10565)

Client: Institute for Environmental Assessment (IEA)



Sample Condition Checklist

Date: 27 Mar 23
Account Name: IEA Jordan ES - JES
Time: 13:43
AM/PM: PM

Temp: 19.4 C
Bill of Lading #:
MVTL Courier: Eastern
MVTL Router: Eastern

Containers Supplied by MVTL: Yes [X] No []
Container Type: (P) (AG) (AP)
Preservation: NaHSO4, Na2O5, NONE, HNO3, H2SO4, NaOH, HCl SUB*

Table with columns: Comments, Containers size (ml), Container Type, Preservation, pH. Includes rows for 500ml and 100ml containers, and a section for 'ANY CONTAINER SENT TO A SUBCONTRACT LABORATORY WILL NOT BE CHECKED FOR PRESERVATION!'.

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Account #: 2190

Emma Squires-Sperling
IEA / Brooklyn Park
9201 W Broadway Suite #600
Brooklyn Park, MN 55445

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

Dave Smahel, Inorganic Chemistry/Feed Lab Manager New Ulm, MN

Analyses performed under Minnesota Department of Health Accreditation conforms to the current TNI standards.

NEW ULM LAB CERTIFICATIONS:
MN LAB # 027-015-125ND WW/DW # R-040

BISMARCK LAB CERTIFICATIONS:
MN LAB # 038-999-267ND W/DW # ND-016

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Report Date: Tuesday, April 4, 2023 5:01:14 AM

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Workorder Comments

All samples were preserved with nitric acid upon receipt at the laboratory.

Sample Comments

10537001 (03-24-2023-JHS-01) - Sample

Time sampled was not supplied by the client.

10537002 (03-24-2023-JHS-02) - Sample

Time sampled was not supplied by the client.

10537003 (03-24-2023-JHS-03) - Sample

Time sampled was not supplied by the client.

10537004 (03-24-2023-JHS-04) - Sample

Time sampled was not supplied by the client.

10537005 (03-24-2023-JHS-05) - Sample

Time sampled was not supplied by the client.

10537006 (03-24-2023-JHS-06) - Sample

Time sampled was not supplied by the client.

10537007 (03-24-2023-JHS-07) - Sample

Time sampled was not supplied by the client.

10537008 (03-24-2023-JHS-08) - Sample

Time sampled was not supplied by the client.

10537009 (03-24-2023-JHS-09) - Sample

Time sampled was not supplied by the client.

10537010 (03-24-2023-JHS-10) - Sample

Time sampled was not supplied by the client.

10537011 (03-24-2023-JHS-11) - Sample

Time sampled was not supplied by the client.

10537012 (03-24-2023-JHS-12) - Sample

Time sampled was not supplied by the client.

10537013 (03-24-2023-JHS-13) - Sample

Time sampled was not supplied by the client.

10537014 (03-24-2023-JHS-14) - Sample

Time sampled was not supplied by the client.

10537015 (03-24-2023-JHS-15) - Sample

Time sampled was not supplied by the client.

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Sample Comments

10537016 (03-24-2023-JHS-16) - Sample

Time sampled was not supplied by the client.

10537017 (03-24-2023-JHS-17) - Sample

Time sampled was not supplied by the client.

10537018 (03-24-2023-JHS-18) - Sample

Time sampled was not supplied by the client.

10537019 (03-24-2023-JHS-19) - Sample

Time sampled was not supplied by the client.

10537020 (03-24-2023-JHS-20) - Sample

Time sampled was not supplied by the client.

10537021 (03-24-2023-JHS-21) - Sample

Time sampled was not supplied by the client.

10537022 (03-24-2023-JHS-22) - Sample

Time sampled was not supplied by the client.

10537023 (03-24-2023-JHS-23) - Sample

Time sampled was not supplied by the client.

10537024 (03-24-2023-JHS-24) - Sample

Time sampled was not supplied by the client.

10537025 (03-24-2023-JHS-25) - Sample

Time sampled was not supplied by the client.

10537026 (03-24-2023-JHS-26) - Sample

Time sampled was not supplied by the client.

10537027 (03-24-2023-JHS-27) - Sample

Time sampled was not supplied by the client.

10537028 (03-24-2023-JHS-28) - Sample

Time sampled was not supplied by the client.

10537029 (03-24-2023-JHS-29) - Sample

Time sampled was not supplied by the client.

10537030 (03-24-2023-JHS-30) - Sample

Time sampled was not supplied by the client.

10537031 (03-24-2023-JHS-31) - Sample

Time sampled was not supplied by the client.

10537032 (03-24-2023-JHS-32) - Sample

Time sampled was not supplied by the client.

10537033 (03-24-2023-JHS-33) - Sample

Time sampled was not supplied by the client.

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Sample Comments

10537034 (03-24-2023-JHS-34) - Sample

Time sampled was not supplied by the client.

10537035 (03-24-2023-JHS-35) - Sample

Time sampled was not supplied by the client.

10537036 (03-24-2023-JHS-36) - Sample

Time sampled was not supplied by the client.

10537037 (03-24-2023-JHS-37) - Sample

Time sampled was not supplied by the client.

10537038 (03-24-2023-JHS-38) - Sample

Time sampled was not supplied by the client.

10537039 (03-24-2023-JHS-39) - Sample

Time sampled was not supplied by the client.

10537040 (03-24-2023-JHS-40) - Sample

Time sampled was not supplied by the client.

10537041 (03-24-2023-JHS-41) - Sample

Time sampled was not supplied by the client.

10537042 (03-24-2023-JHS-42) - Sample

Time sampled was not supplied by the client.

10537043 (03-24-2023-JHS-43) - Sample

Time sampled was not supplied by the client.

10537044 (03-24-2023-JHS-44) - Sample

Time sampled was not supplied by the client.

10537045 (03-24-2023-JHS-45) - Sample

Time sampled was not supplied by the client.

10537046 (03-24-2023-JHS-46) - Sample

Time sampled was not supplied by the client.

10537047 (03-24-2023-JHS-47) - Sample

Time sampled was not supplied by the client.

Analysis Results Comments

10537036 (03-24-2023-JHS-36)

Sample required dilution due to matrix. Reporting limit has been raised.
(Lead)

10537038 (03-24-2023-JHS-38)

Sample required dilution due to high concentration of target analyte(s). Reporting limit has been raised.
(Lead)

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Analysis Results Comments

10537042 (03-24-2023-JHS-42)

Sample required dilution due to high concentration of target analyte(s). Reporting limit has been raised.
(Lead)

10537047 (03-24-2023-JHS-47)

Sample required dilution due to high concentration of target analyte(s). Reporting limit has been raised.
(Lead)

10537047 (03-24-2023-JHS-47)

Matrix spike and/or matrix spike duplicate recovery was low; the associated laboratory control sample recovery was acceptable.(Lead)

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 10537001 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-01 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Weight Room Fountain Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.07	ug/L	15	EPA 200.8	03/31/2023 15:12	

Lab ID: 10537002 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-02 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Weight Room Fountain Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.98	ug/L	15	EPA 200.8	03/31/2023 15:13	

Lab ID: 10537003 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-03 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Gym Fountain Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:14	

Lab ID: 10537004 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-04 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Gym Fountain Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:16	

Lab ID: 10537005 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-05 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Training Room

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.16	ug/L	15	EPA 200.8	03/31/2023 15:17	

Lab ID: 10537006 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-06 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Womens PE LR Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	4.77	ug/L	15	EPA 200.8	03/31/2023 15:18	

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10537007 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-07 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Womens PE LR Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	4.91	ug/L	15	EPA 200.8	03/31/2023 15:19	

Lab ID: 10537008 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-08 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Womens Locker Room Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.52	ug/L	15	EPA 200.8	03/31/2023 15:20	

Lab ID: 10537009 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-09 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Womens Locker Room Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.49	ug/L	15	EPA 200.8	03/31/2023 15:28	

Lab ID: 10537010 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-10 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Concession Stand

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	20.5	ug/L	15	EPA 200.8	03/31/2023 15:29	

Lab ID: 10537011 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-11 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by S501 Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:30	

Lab ID: 10537012 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-12 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by S501 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:31	

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 10537013 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-13 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Nurse's Office

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.17	ug/L	15	EPA 200.8	03/31/2023 15:32	

Lab ID: 10537014 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-14 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: 210 Staff Lounge

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.34	ug/L	15	EPA 200.8	03/31/2023 15:33	

Lab ID: 10537015 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-15 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Storage Office

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	3.75	ug/L	15	EPA 200.8	03/31/2023 15:34	

Lab ID: 10537016 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-16 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by N115 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.92	ug/L	15	EPA 200.8	03/31/2023 15:35	

Lab ID: 10537017 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-17 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by S520 Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:36	

Lab ID: 10537018 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-18 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by S520 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:37	

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10537019	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-19	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 1						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	1.89	ug/L	15	EPA 200.8	03/31/2023 15:54		
Lab ID:	10537020	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-20	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 2						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	3.02	ug/L	15	EPA 200.8	03/31/2023 15:55		
Lab ID:	10537021	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-21	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 3						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	2.24	ug/L	15	EPA 200.8	03/31/2023 15:56		
Lab ID:	10537022	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-22	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 4						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	1.81	ug/L	15	EPA 200.8	03/31/2023 15:57		
Lab ID:	10537023	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-23	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 8						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	2.11	ug/L	15	EPA 200.8	03/31/2023 15:58		
Lab ID:	10537024	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-24	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 7						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	2.26	ug/L	15	EPA 200.8	03/31/2023 15:59		

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10537025	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-25	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 6						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		1.59	ug/L	15	EPA 200.8	03/31/2023 16:00	
Lab ID:	10537026	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-26	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	N116 FACS Sink 5						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		1.91	ug/L	15	EPA 200.8	03/31/2023 16:01	
Lab ID:	10537027	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-27	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Art Room 1						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.71	ug/L	15	EPA 200.8	03/31/2023 16:02	
Lab ID:	10537028	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-28	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Art Room 2						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.00	ug/L	15	EPA 200.8	03/31/2023 16:03	
Lab ID:	10537029	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-29	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Art Room 3						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.23	ug/L	15	EPA 200.8	03/31/2023 16:12	
Lab ID:	10537030	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-30	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Art Room 4						
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.29	ug/L	15	EPA 200.8	03/31/2023 16:13	

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10537031	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-31	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Fountain by N101 Left						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:14		
Lab ID:	10537032	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-32	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Fountain by N101 Right						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:15		
Lab ID:	10537033	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-33	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Band Room Sink						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	1.47	ug/L	15	EPA 200.8	03/31/2023 16:16		
Lab ID:	10537034	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-34	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Dish Room Sink West Wall						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	2.92	ug/L	15	EPA 200.8	03/31/2023 16:17		
Lab ID:	10537035	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-35	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Dish Room Sprayer						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	5.51	ug/L	15	EPA 200.8	03/31/2023 16:18		
Lab ID:	10537036	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-36	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	West Dishroom Faucet						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	6.06	ug/L	15	EPA 200.8	03/31/2023 16:47	*	

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID:	10537037	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-37	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	East Dishroom Faucet						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	4.98	ug/L	15	EPA 200.8	03/31/2023 15:54		
Lab ID:	10537038	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-38	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Hobart Mixer						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	316	ug/L	15	EPA 200.8	03/31/2023 15:53	*	
Lab ID:	10537039	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-39	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Sink Next to Mixer						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	7.43	ug/L	15	EPA 200.8	03/31/2023 16:11		
Lab ID:	10537040	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-40	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	West Steam Kettle						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	60.9	ug/L	15	EPA 200.8	03/31/2023 16:12		
Lab ID:	10537041	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-41	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	East Steam Kettle						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	18.9	ug/L	15	EPA 200.8	03/31/2023 16:14		
Lab ID:	10537042	Date Collected:	03/24/2023 00:00	Matrix:	Potable Water		
Sample ID:	03-24-2023-JHS-42	Date Received:	03/27/2023 13:43				
Temp @ Receipt (C):							
Sample Desc:	Standing Tap by Kettles						
Parameter	Results	Units	MCL	Method	Analyzed	Qual	
Lead	641	ug/L	15	EPA 200.8	04/03/2023 13:04	*	

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**Workorder:** Jordan High School (10537)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10537043 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-43 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: North Island Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.84	ug/L	15	EPA 200.8	03/31/2023 16:15	

Lab ID: 10537044 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-44 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: South Island Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	8.63	ug/L	15	EPA 200.8	03/31/2023 16:16	

Lab ID: 10537045 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-45 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: South Wall Sprayer

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	28.4	ug/L	15	EPA 200.8	03/31/2023 16:17	

Lab ID: 10537046 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-46 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: South Wall Faucet

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.72	ug/L	15	EPA 200.8	03/31/2023 16:19	

Lab ID: 10537047 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JHS-47 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Standing Tap by Burners

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	625	ug/L	15	EPA 200.8	04/03/2023 13:06	*

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Workorder: Jordan High School (10537)

Client: Institute for Environmental Assessment (IEA)

Sample Condition Checklist



Date: 27 Mar 23 Time: 13:43 AM
Account Name: IEA - Jordan HS - JHS
Bill of Lading #:
Temp: 19.4 C
TM#: 774
MVTL Courier: Eastern
Other:
SpeedDee
UPS Air, UPS Ground, FedEx Air, FedEx Ground
Designate customer supplied containers as "Other" in container size column

Table with columns: Number, Containers Size (ml), Container Type, Preservation, pH. Row 47: (100) (120) (250) (290) (500) (1000) Other (G) (P) (AG) (AP) NaHSO4, Na2O3S2, NONE, HNO3, H2SO4, NaOH, HCl SUB* >12 N/A Add

*ANY CONTAINER SENT TO A SUBCONTRACT LABORATORY WILL NOT BE CHECKED FOR PRESERVATION!

Effective Date: 29 September 2021

Page 1 of 1

Form # 20.01.1001.0

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Report Date: Tuesday, April 4, 2023 5:01:14 AM



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Workorder: Jordan Middle School (10534)
Account #: 2190

Client: Institute for Environmental Assessment (IEA)

Jeff Anderson
IEA
9201 W Broadway Suite #600
Brooklyn Park, MN 55445

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

Dave Smahel, Inorganic Chemistry/Feed Lab Manager New Ulm, MN

Analyses performed under Minnesota Department of Health Accreditation conforms to the current TNI standards.

NEW ULM LAB CERTIFICATIONS:
MN LAB # 027-015-125ND WW/DW # R-040

BISMARCK LAB CERTIFICATIONS:
MN LAB # 038-999-267ND W/DW # ND-016

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Report Date: Monday, April 3, 2023 7:23:31 AM



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Workorder: Jordan Middle School (10534)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Workorder Comments

All samples were preserved with nitric acid upon receipt at the laboratory.

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Report Date: Monday, April 3, 2023 7:23:31 AM

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534001 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-01 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 232 DO Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:49	

Lab ID: 10534002 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-02 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Band Office Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.61	ug/L	15	EPA 200.8	03/31/2023 14:50	

Lab ID: 10534003 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-03 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by Room 235 Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:51	

Lab ID: 10534004 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-04 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by Room 235 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:52	

Lab ID: 10534005 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-05 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 213 PLC Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:54	

Lab ID: 10534006 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-06 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Prep Area Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.53	ug/L	15	EPA 200.8	03/31/2023 14:55	

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Report Date: [Monday, April 3, 2023 7:23:31 AM](#)



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Workorder: Jordan Middle School (10534)

Client: Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 10534007 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-07 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Steam Kettle

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:56	

Lab ID: 10534008 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-08 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: K-Food Serving Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.53	ug/L	15	EPA 200.8	03/31/2023 14:58	

Lab ID: 10534009 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-09 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Kitchen Sprayer

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.52	ug/L	15	EPA 200.8	03/31/2023 14:59	

Lab ID: 10534010 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-10 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Dishroom E Faucet

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:09	

Lab ID: 10534011 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-11 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Dishroom W Faucet

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:10	

Lab ID: 10534012 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-12 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Dishroom Sprayer

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:12	

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534013 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-13 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Service Line Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.78	ug/L	15	EPA 200.8	03/31/2023 15:13	

Lab ID: 10534014 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-14 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Concession Stand

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:14	

Lab ID: 10534015 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-15 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Gym Fountain Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:16	

Lab ID: 10534016 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-16 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Gym Fountain Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:17	

Lab ID: 10534017 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-17 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 304

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:18	

Lab ID: 10534018 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-18 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 418

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:19	

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534019 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-19 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain Across from 418 Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:21	

Lab ID: 10534020 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-20 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain Across from 418 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:31	

Lab ID: 10534021 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-21 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 400

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:32	

Lab ID: 10534022 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-22 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 109

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.63	ug/L	15	EPA 200.8	03/31/2023 15:34	

Lab ID: 10534023 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-23 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by Room 109 Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:35	

Lab ID: 10534024 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-24 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by Room 109 Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:36	

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534025 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-25 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Art Room 1

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.56	ug/L	15	EPA 200.8	03/31/2023 15:37	

Lab ID: 10534026 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-26 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Art Room 2

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:39	

Lab ID: 10534027 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-27 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Art Room 3

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:40	

Lab ID: 10534028 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-28 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Art Room 4

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:53	

Lab ID: 10534029 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-29 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Media Center Workroom 204A

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:54	

Lab ID: 10534030 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-30 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 203

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.54	ug/L	15	EPA 200.8	03/31/2023 14:55	

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534031 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-31 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Northmost Sation #8

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:56	

Lab ID: 10534032 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-32 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #7

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:57	

Lab ID: 10534033 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-33 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #6

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:58	

Lab ID: 10534034 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-34 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Rom 311 Station #5

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 14:59	

Lab ID: 10534035 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-35 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #4

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:00	

Lab ID: 10534036 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-36 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #3

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:01	

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**Workorder:** Jordan Middle School (10534)**Client:** Institute for Environmental Assessment (IEA)**Analytical Results**

Lab ID: 10534037 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-37 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #2

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:02	

Lab ID: 10534038 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-38 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: FACS Room 311 Station #!

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 15:10	

Lab ID: 10534039 **Date Collected:** 03/24/2023 00:00 **Matrix:** Potable Water
Sample ID: 03-24-2023-JMS-39 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Nurse's Bathroom Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	0.82	ug/L	15	EPA 200.8	03/31/2023 15:11	

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Workorder: Jordan Middle School (10534)

Client: Institute for Environmental Assessment (IEA)

Sample Condition Checklist



Form fields for Date (27 Mar 23), Time (13:43), Account Name (IEA - Jordan MS - JMS), Bill of Lading #, Temp (19.4), TM# (774), MVTL Courier (Ron S), MVTL Route (Eastern), and various shipping options like UPS, FedEx, and Mail.

Table with columns: Containers Supplied by MVTL, Containers Size (ml), Container Type, Preservation, and pH. Includes rows for various chemical containers and a note: **DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!**

*ANY CONTAINER SENT TO A SUBCONTRACT LABORATORY WILL NOT BE CHECKED FOR PRESERVATION!

Effective Date: 29 September 2021

Page 1 of 1

Form # 30.011001.0

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Workorder: Jordan Middle School (10551)
Account #: 2190

Client: Institute for Environmental Assessment (IEA)

Jeff Anderson
IEA
9201 W Broadway Suite #600
Brooklyn Park, MN 55445

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

Dave Smahel, Inorganic Chemistry/Feed Lab Manager New Ulm, MN

Analyses performed under Minnesota Department of Health Accreditation conforms to the current TNI standards.

NEW ULM LAB CERTIFICATIONS:
MN LAB # 027-015-125ND WW/DW # R-040

BISMARCK LAB CERTIFICATIONS:
MN LAB # 038-999-267ND W/DW # ND-016

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Workorder: Jordan Middle School (10551)

Client: Institute for Environmental Assessment (IEA)

Workorder Summary

Workorder Comments

All samples were preserved with nitric acid upon receipt at the laboratory.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

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Workorder: Jordan Middle School (10551)

Client: Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 10551001 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-CERC-01 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by 500-Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:20	

Lab ID: 10551002 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-CERC-02 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain by 500-Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:21	

Lab ID: 10551003 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-CERC-03 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain Upstairs-Left

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:23	

Lab ID: 10551004 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-CERC-04 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Fountain Upstairs-Right

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	03/31/2023 16:33	

Lab ID: 10551005 **Date Collected:** No Date Sampled Supplied **Matrix:** Potable Water
Sample ID: 03-24-2023-CERC-05 **Date Received:** 03/27/2023 13:43
Temp @ Receipt (C):
Sample Desc: Room 604 Sink

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	1.27	ug/L	15	EPA 200.8	03/31/2023 16:34	

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

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Workorder: Jordan Middle School (10551)

Client: Institute for Environmental Assessment (IEA)

Sample Condition Checklist



Date: 27 Mar 23 Time: 13:43
Account Name: IEA - Jordan MS - CERC
Temp: 19.4 °C
MVTL Courier: Ron S
MVTL Route: Eastern

Table with columns: Containers Supplied by MVTL, Containers Size (ml), Container Type, Preservation, pH. Includes handwritten entries for container types (P, AG) and preservation methods (HNO3, H2SO4, NaOH).

*ANY CONTAINER SENT TO A SUBCONTRACT LABORATORY WILL NOT BE CHECKED FOR PRESERVATION!

Effective Date: 29 September 2021

Page 1 of 1

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL.

Report Date: Monday, April 3, 2023 7:23:31 AM

Appendix B

Sampling Inventory & Maps

Jordan Elementary School

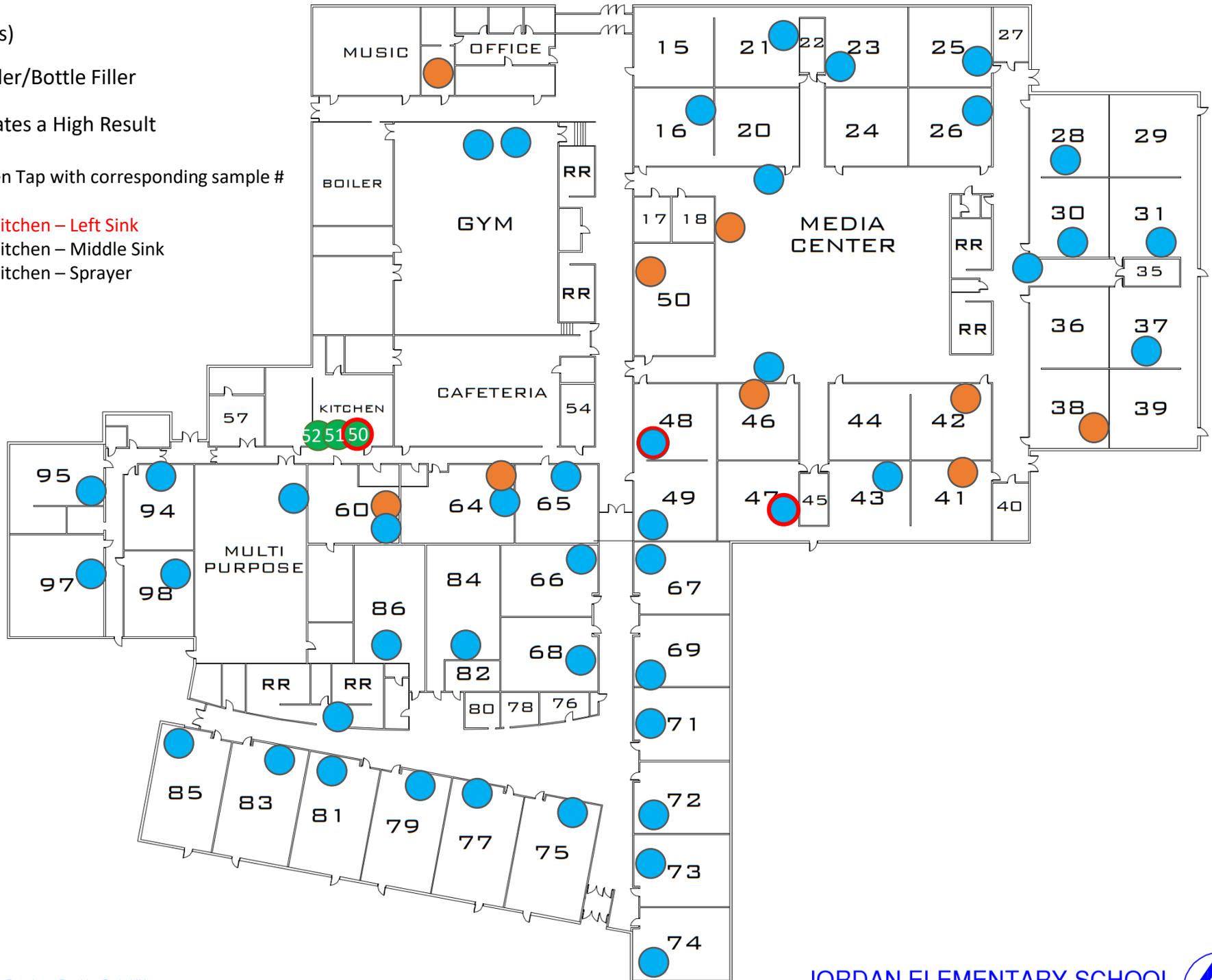
Sample #	Fixture Type	Sample Location	Notes
03-24-2023-JES-01	Sink	Nurse's Sink	
03-24-2023-JES-02	Fountain	Room 16	
03-24-2023-JES-03	Sink	Media Center	
03-24-2023-JES-04	Fountain	Fountain by Room 24	
03-24-2023-JES-05	Fountain	Room 21	
03-24-2023-JES-06	Fountain	Room 23	
03-24-2023-JES-07	Fountain	Room 26	
03-24-2023-JES-08	Fountain	Room 25	
03-24-2023-JES-09	Fountain	Room 28	
03-24-2023-JES-10	Fountain	Fountain by Room 30	
03-24-2023-JES-11	Fountain	Room 31	
03-24-2023-JES-12	Fountain	Room 37	
03-24-2023-JES-13	Fountain	Room 38	
03-24-2023-JES-14	Fountain	Room 41	
03-24-2023-JES-15	Fountain	Room 42	
03-24-2023-JES-16	Fountain	Room 43	
03-24-2023-JES-17	Fountain	Room 47	
03-24-2023-JES-18	Fountain	Fountain Between 44 & 46	
03-24-2023-JES-19	Sink	Room 46	
03-24-2023-JES-20	Fountain	Room 48 Workroom	
03-24-2023-JES-21	Sink	Room 50 Art Room	
03-24-2023-JES-22	Sink	Room 49	
03-24-2023-JES-23	Fountain	Room 67	
03-24-2023-JES-24	Fountain	Room 69	
03-24-2023-JES-25	Fountain	Room 71	
03-24-2023-JES-26	Fountain	Room 72	
03-24-2023-JES-27	Fountain	Room 73	
03-24-2023-JES-28	Fountain	Room 74	
03-24-2023-JES-29	Fountain	Room 75	
03-24-2023-JES-30	Fountain	Rom 77	
03-24-2023-JES-31	Fountain	Room 79	
03-24-2023-JES-32	Fountain	Room 81	
03-24-2023-JES-33	Fountain	Room 83	
03-24-2023-JES-34	Fountain	Room 85	
03-24-2023-JES-35	Fountain	By New Addition RR	
03-24-2023-JES-36	Fountain	Room 86	
03-24-2023-JES-37	Fountain	Room 84	
03-24-2023-JES-38	Fountain	Room 68	
03-24-2023-JES-39	Fountain	Room 66	
03-24-2023-JES-40	Fountain	Room 65	
03-24-2023-JES-41	Fountain	Room 64 Fountain	
03-24-2023-JES-42	Faucet	Room 64	
03-24-2023-JES-43	Fountain	Room 60 Fountain	
03-24-2023-JES-44	Sink	Room 60	

Jordan Elementary School

Sample #	Fixture Type	Sample Location	Notes
03-24-2023-JES-45	Fountain	Multi-Purpose Room Fountain	
03-24-2023-JES-46	Fountain	Room 94	
03-24-2023-JES-47	Fountain	Room 98	
03-24-2023-JES-48	Fountain	Room 97	
03-24-2023-JES-49	Fountain	Room 95	
03-24-2023-JES-50	Kitchen Sink	Left Sink	
03-24-2023-JES-51	Kitchen Sink	Middle Sink	
03-24-2023-JES-52	Sprayer	Kitchen Sprayer	

-  Sink(s)
-  Bubbler/Bottle Filler
-  Indicates a High Result
-  Kitchen Tap with corresponding sample #

50 – Kitchen – Left Sink
 51 – Kitchen – Middle Sink
 52 – Kitchen – Sprayer



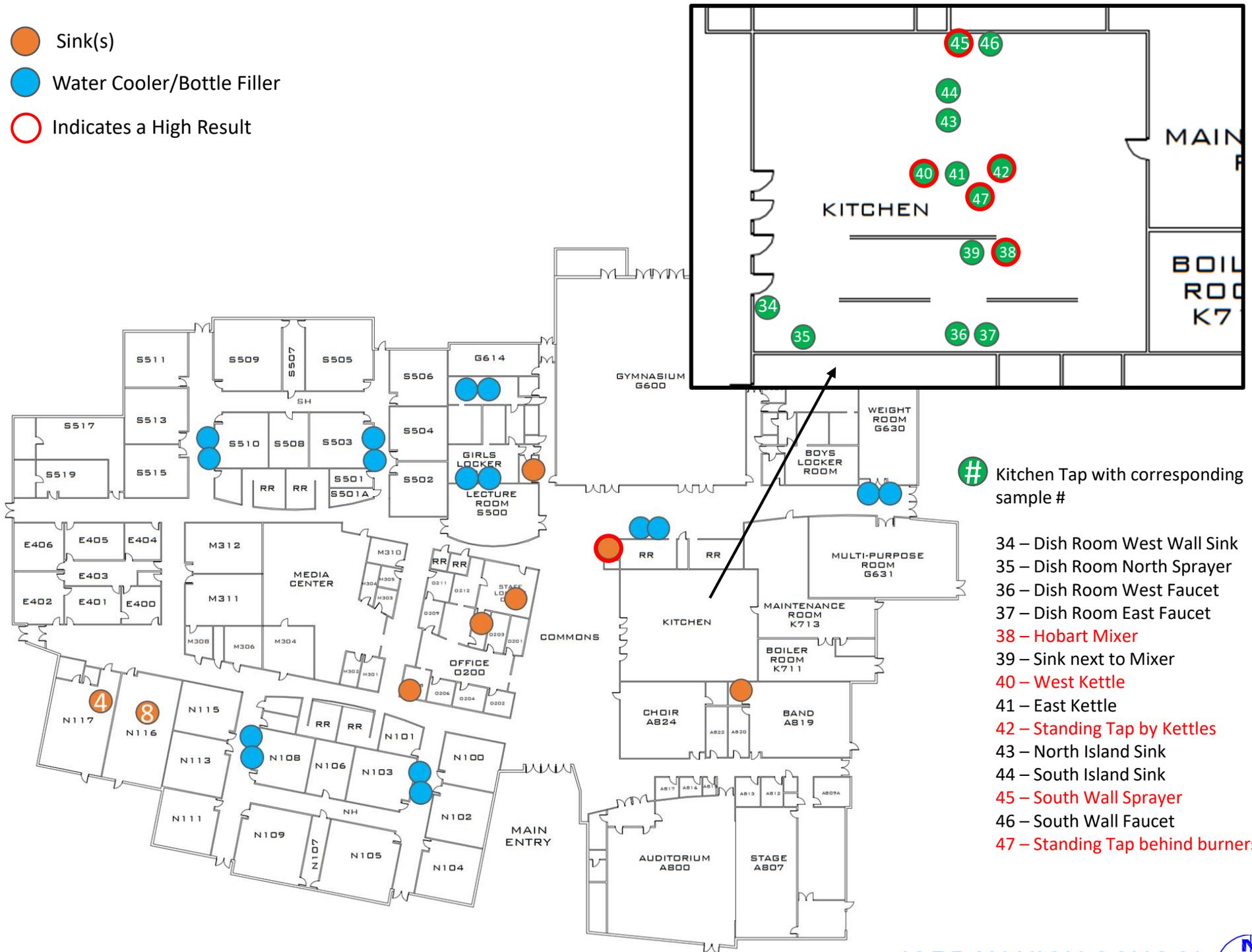
Jordan High School

Sample #	Fixture Type	Sample Location	Notes
03-24-2023-JHS-01	Fountain	Weight Room Fountain Left	
03-24-2023-JHS-02	Fountain	Weight Room Fountain Right	
03-24-2023-JHS-03	Fountain	Gym Fountain Left	Outside Gym
03-24-2023-JHS-04	Fountain	Gym Fountain Right	Outside Gym
03-24-2023-JHS-05	Sink	Training Room	
03-24-2023-JHS-06	Fountain	Womens PE LR Left	
03-24-2023-JHS-07	Fountain	Womens PE LR Right	
03-24-2023-JHS-08	Fountain	Womens Locker Room Left	
03-24-2023-JHS-09	Fountain	Womens Locker Room Right	
03-24-2023-JHS-10	Sink	Concession Stand	Leaking
03-24-2023-JHS-11	Fountain	Fountain by S501 Left	
03-24-2023-JHS-12	Fountain	Fountain by S501 Right	
03-24-2023-JHS-13	Sink	Nurse's Office	
03-24-2023-JHS-14	Sink	210 Staff Lounge	
03-24-2023-JHS-15	Sink	Storage Office	
03-24-2023-JHS-16	Fountain	Fountain by N115 Right	
03-24-2023-JHS-17	Fountain	Fountain by S520 Left	
03-24-2023-JHS-18	Fountain	Fountain by S520 Right	
03-24-2023-JHS-19	Sink	N116 FACS Sink 1	
03-24-2023-JHS-20	Sink	N116 FACS Sink 2	
03-24-2023-JHS-21	Sink	N116 FACS Sink 3	
03-24-2023-JHS-22	Sink	N116 FACS Sink 4	
03-24-2023-JHS-23	Sink	N116 FACS Sink 8	
03-24-2023-JHS-24	Sink	N116 FACS Sink 7	
03-24-2023-JHS-25	Sink	N116 FACS Sink 6	
03-24-2023-JHS-26	Sink	N116 FACS Sink 5	
03-24-2023-JHS-27	Sink	Art Room 1	Left to Right
03-24-2023-JHS-28	Sink	Art Room 2	Left to Right
03-24-2023-JHS-29	Sink	Art Room 3	Left to Right
03-24-2023-JHS-30	Sink	Art Room 4	Left to Right
03-24-2023-JHS-31	Fountain	Fountain by N101 Left	
03-24-2023-JHS-32	Fountain	Fountain by N101 Right	
03-24-2023-JHS-33	Sink	Band Room Sink	
03-24-2023-JHS-34	Sink	Dish Room Sink West Wall	
03-24-2023-JHS-35	Sprayer	Dish Room Sprayer	
03-24-2023-JHS-36	Sink	West Dishroom Faucet	
03-24-2023-JHS-37	Sink	East Dishroom Faucet	
03-24-2023-JHS-38	Mixer	Hobart mixer	
03-24-2023-JHS-39	Kitchen Sink	Sink next to mixer	
03-24-2023-JHS-40	Kettle	West Steam Kettle	
03-24-2023-JHS-41	Kettle	East Steam Kettle	
03-24-2023-JHS-42	Tap	Standng Tap by Kettles	
03-24-2023-JHS-43	Kitchen Sink	North Island Sink	Leaking
03-24-2023-JHS-44	Kitchen Sink	South Island Sink	

Jordan High School

Sample #	Fixture Type	Sample Location	Notes
03-24-2023-JHS-45	Sprayer	South Wall Sprayer	
03-24-2023-JHS-46	Kitchen Sink	South Wall Faucet	
03-24-2023-JHS-47	Tap	Standing Tap by Burners	
03-24-2023-JHS-NA	<i>Fountain</i>	<i>Fountain by N115 Left</i>	<i>Removed</i>

-  Sink(s)
-  Water Cooler/Bottle Filler
-  Indicates a High Result



Kitchen Tap with corresponding sample

- 34 – Dish Room West Wall Sink
- 35 – Dish Room North Sprayer
- 36 – Dish Room West Faucet
- 37 – Dish Room East Faucet
- 38 – Hobart Mixer
- 39 – Sink next to Mixer
- 40 – West Kettle
- 41 – East Kettle
- 42 – Standing Tap by Kettles
- 43 – North Island Sink
- 44 – South Island Sink
- 45 – South Wall Sprayer
- 46 – South Wall Faucet
- 47 – Standing Tap behind burners

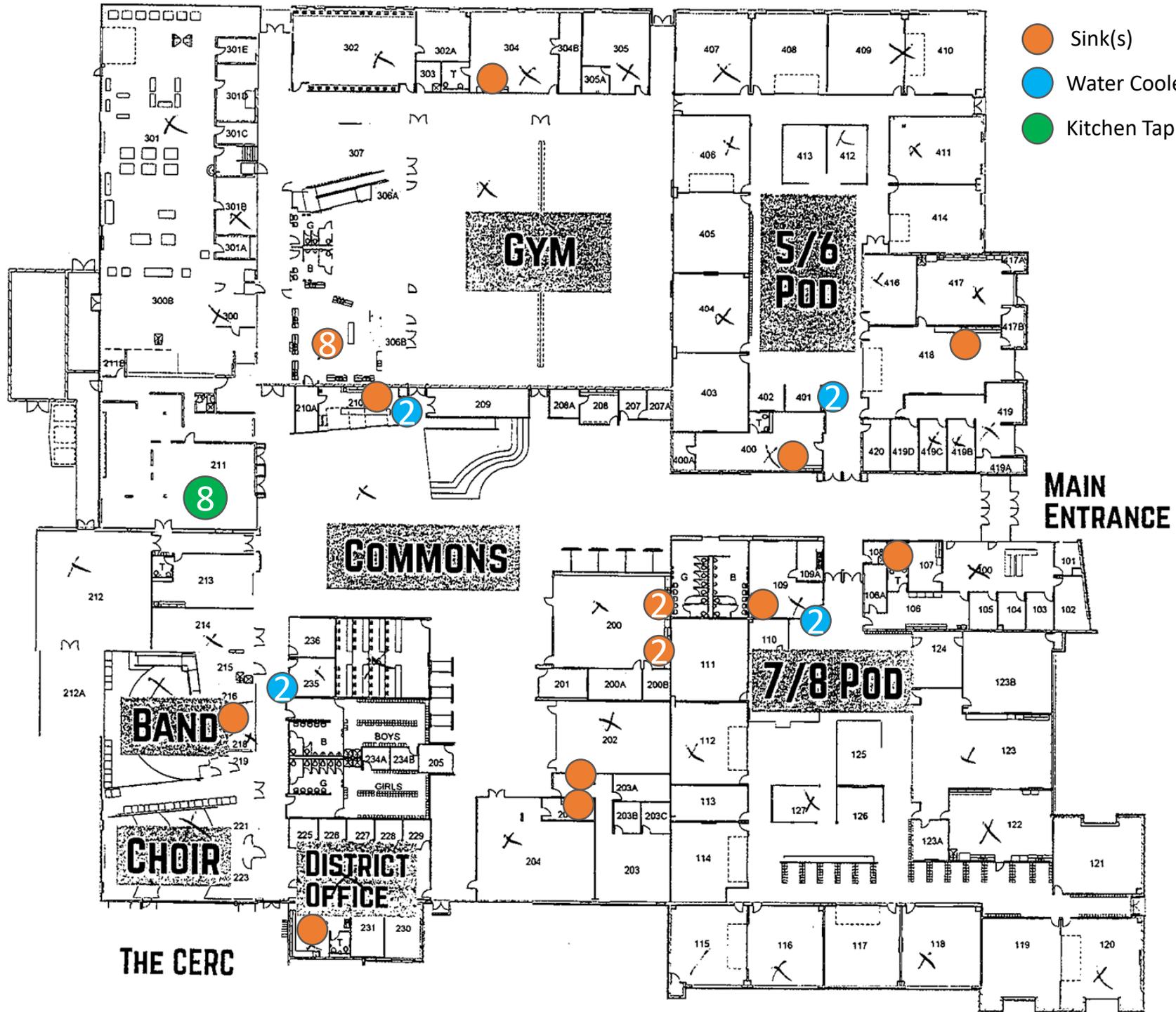
CERC

Sample #	Fixture Type	Sample Location	Notes
03-24-2023-CERC-01	Bottle Filler/Fountain	Fountain by 500 - Left	Not First Draw
03-24-2023-CERC-02	Bottle Filler/Fountain	Fountain by 500 - Right	Not First Draw
03-24-2023-CERC-03	Bottle Filler/Fountain	Fountain Upstairs - Left	
03-24-2023-CERC-04	Bottle Filler/Fountain	Fountain Upstairs - Right	
03-24-2023-CERC-05	Kitchen Sink	Room 604 Sink	

Jordan Middle School

Sample #	Fixture Type	Sample Location	Notes
03-24-2023-JMS-01	Sink	Room 232 DO Sink	
03-24-2023-JMS-02	Sink	Band Office Sink	
03-24-2023-JMS-03	Fountain	Fountain by Room 235 Left	
03-24-2023-JMS-04	Fountain	Fountain by Room 235 Right	
03-24-2023-JMS-05	Sink	Room 213 PLC Sink	
03-24-2023-JMS-06	Kettle Sink	Prep Area Sink	
03-24-2023-JMS-07	Kettle	Steam Kettle	
03-24-2023-JMS-08	Kitchen Sink	K - Food Serving Sink	
03-24-2023-JMS-09	Sprayer	Kitchen Sprayer	
03-24-2023-JMS-10	Sink	Dishroom E Faucet	
03-24-2023-JMS-11	Sink	Dishroom W Faucet	
03-24-2023-JMS-12	Sprayer	Dishroom Sprayer	
03-24-2023-JMS-13	Sink	Service Line Sink	
03-24-2023-JMS-14	Sink	Concession Stand	
03-24-2023-JMS-15	Fountain	Gym Fountain Left	
03-24-2023-JMS-16	Fountain	Gym Fountain Right	
03-24-2023-JMS-17	Sink	Room 304	
03-24-2023-JMS-18	Sink	Rom 418	
03-24-2023-JMS-19	Fountain	Fountain across from 418 Left	
03-24-2023-JMS-20	Fountain	Fountain across from 418 Right	
03-24-2023-JMS-21	Sink	Room 400	
03-24-2023-JMS-22	Sink	Room 109	Not First Draw
03-24-2023-JMS-23	Fountain	Fountain by Room 109 Left	
03-24-2023-JMS-24	Fountain	Fountain by Room 109 Right	
03-24-2023-JMS-25	Sink	Art Room 1	Left to Right
03-24-2023-JMS-26	Sink	Art Room 2	Left to Right
03-24-2023-JMS-27	Sink	Art Room 3	Left to Right
03-24-2023-JMS-28	Sink	Art Room 4	Left to Right
03-24-2023-JMS-29	Sink	Media Center Workroom 204A	
03-24-2023-JMS-30	Sink	Room 203	
03-24-2023-JMS-31	Sink	FACS Room 311 Northmost Station #8	Clockwise around room
03-24-2023-JMS-32	Sink	FACS Room 311 Station #7	
03-24-2023-JMS-33	Sink	FACS Room 311 Station #6	
03-24-2023-JMS-34	Sink	FACS Room 311 Station #5	
03-24-2023-JMS-35	Sink	FACS Room 311 Station #4	
03-24-2023-JMS-36	Sink	FACS Room 311 Station #3	
03-24-2023-JMS-37	Sink	FACS Room 311 Station #2	
03-24-2023-JMS-38	Sink	FACS Room 311 Station #1	
03-24-2023-JMS-39	Sink	Nurse's Bathroom Sink	

JORDAN MIDDLE SCHOOL



CERC MAP

● Sink

● Water Cooler/Bottle Filler

