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**Workorder:** HS/MS/ELEM (29696)
**Account #:** 2190
**Project #:** 202310680

**Client:** Institute for Environmental Assessment (IEA)
**PO:** 202310680

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

## 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:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696001 **Date Collected:** 09/28/2023 05:56 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-01 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Kitchen East Prep Left Sprayer

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:04 | |

**Lab ID:** 29696002 **Date Collected:** 09/28/2023 05:56 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-02 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Kitchen East Prep Right Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:05 | |

**Lab ID:** 29696003 **Date Collected:** 09/28/2023 05:56 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-03 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Kitchen Center Prep Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:06 | |

**Lab ID:** 29696004 **Date Collected:** 09/28/2023 05:59 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-04 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Kitchen Steamer Kettle Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **1.38** | ug/L | 15 | EPA 200.8 | 10/10/2023 13:07 | |

**Lab ID:** 29696005 **Date Collected:** 09/28/2023 06:01 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-05 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Kitchen Breakroom Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:08 | |

**Lab ID:** 29696006 **Date Collected:** 09/28/2023 06:02 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-06 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Commons Bottle Filler RIght

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:09 | |

**Lab ID:** 29696007 **Date Collected:** 09/28/2023 06:04 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-07 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Commons Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:17 | |

**Lab ID:** 29696008 **Date Collected:** 09/28/2023 06:04 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-08 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Commons Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:18 | |

**Lab ID:** 29696009 **Date Collected:** 09/28/2023 06:04 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-09 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Band Room Storage Bubbler

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **23.4** | ug/L | 15 | EPA 200.8 | 10/10/2023 13:19 | |

**Lab ID:** 29696010 **Date Collected:** 09/28/2023 06:08 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-10 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Fitness Center Bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:21 | |

**Lab ID:** 29696011 **Date Collected:** 09/28/2023 06:22 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-11 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Fitness Center Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:22 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696012 **Date Collected:** 09/28/2023 06:22 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-12 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Fitness Center Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:23 | |

**Lab ID:** 29696013 **Date Collected:** 09/28/2023 06:23 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-13 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Locker Hallway Girls Bottle Filler

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:24 | |

**Lab ID:** 29696014 **Date Collected:** 09/28/2023 06:24 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-14 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** HS Locker Rm Hallway Boys Bottle Filler

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:25 | |

**Lab ID:** 29696015 **Date Collected:** 09/28/2023 06:25 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-15 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** District Office Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:26 | |

**Lab ID:** 29696016 **Date Collected:** 09/28/2023 06:26 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-16 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Main Entrance Bottle Filler LEft

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:27 | |

**Lab ID:** 29696017 **Date Collected:** 09/28/2023 06:27 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-17 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Main Entrance Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:35 | |

**Lab ID:** 29696018 **Date Collected:** 09/28/2023 06:29 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-18 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Main Entrance Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:36 | |

**Lab ID:** 29696019 **Date Collected:** 09/28/2023 06:30 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-19 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Science Hallway Bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:37 | |

**Lab ID:** 29696020 **Date Collected:** 09/28/2023 06:32 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-20 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Science Hallway Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:38 | |

**Lab ID:** 29696021 **Date Collected:** 09/28/2023 06:33 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-21 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Science Hallway Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:39 | |

**Lab ID:** 29696022 **Date Collected:** 09/28/2023 06:34 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-22 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Teacher's Lounge 147 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:40 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696023 **Date Collected:** 09/28/2023 06:36 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-23 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** MS Locker Room Bottle Filler

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:41 | |

**Lab ID:** 29696024 **Date Collected:** 09/28/2023 06:36 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-24 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Nurse's Office Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:42 | |

**Lab ID:** 29696025 **Date Collected:** 09/28/2023 06:36 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-25 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Elementary Kitchen Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **0.78** | ug/L | 15 | EPA 200.8 | 10/10/2023 13:43 | |

**Lab ID:** 29696026 **Date Collected:** 09/28/2023 06:37 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-26 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Teacher's Lounge 303 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:45 | |

**Lab ID:** 29696027 **Date Collected:** 09/28/2023 06:37 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-27 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Elementary Commons Bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:53 | |

**Lab ID:** 29696028 **Date Collected:** 09/28/2023 06:38 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-28 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Elementary Commons Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:54 | |

**Lab ID:** 29696029 **Date Collected:** 09/28/2023 06:39 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-29 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Elementary Commons Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:55 | |

**Lab ID:** 29696030 **Date Collected:** 09/28/2023 06:40 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-30 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 316 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:56 | |

**Lab ID:** 29696031 **Date Collected:** 09/28/2023 06:41 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-31 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 318 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:57 | |

**Lab ID:** 29696032 **Date Collected:** 09/28/2023 06:41 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-32 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 320 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:58 | |

**Lab ID:** 29696033 **Date Collected:** 09/28/2023 06:43 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-33 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 322 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 13:59 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696034 **Date Collected:** 09/28/2023 06:45 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-34 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 324 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **0.85** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:00 | |

**Lab ID:** 29696035 **Date Collected:** 09/28/2023 06:46 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-35 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 323 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:01 | |

**Lab ID:** 29696036 **Date Collected:** 09/28/2023 06:47 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-36 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 321 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:02 | |

**Lab ID:** 29696037 **Date Collected:** 09/28/2023 06:48 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-37 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 319 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:15 | |

**Lab ID:** 29696038 **Date Collected:** 09/28/2023 06:50 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-38 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 317 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **1.06** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:16 | |

**Lab ID:** 29696039 **Date Collected:** 09/28/2023 06:54 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-39 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 315 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Lead | **0.78** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:17 | |

**Lab ID:** 29696040 **Date Collected:** 09/28/2023 06:56 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-40 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 313 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **0.97** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:18 | |

**Lab ID:** 29696041 **Date Collected:** 09/28/2023 07:17 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-41 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 310 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **3.11** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:19 | |

**Lab ID:** 29696042 **Date Collected:** 09/28/2023 07:18 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-42 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 1st Grd Hallway bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:20 | |

**Lab ID:** 29696043 **Date Collected:** 09/28/2023 07:21 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-43 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 1st Grd Hallway Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:21 | |

**Lab ID:** 29696044 **Date Collected:** 09/28/2023 07:21 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-44 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 1st Grd Hallway Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:22 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696045 **Date Collected:** 09/28/2023 07:22 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-45 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 348 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:23 | |

**Lab ID:** 29696046 **Date Collected:** 09/28/2023 07:23 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-46 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 349 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **0.82** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:24 | |

**Lab ID:** 29696047 **Date Collected:** 09/28/2023 07:24 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-47 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 353 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **1.84** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:33 | |

**Lab ID:** 29696048 **Date Collected:** 09/28/2023 07:24 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-48 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 356 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:34 | |

**Lab ID:** 29696049 **Date Collected:** 09/28/2023 07:25 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-49 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Room 357 Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:35 | |

**Lab ID:** 29696050 **Date Collected:** 09/28/2023 07:27 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-50 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 4th Grd Hallway Bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:36 | |

**Lab ID:** 29696051 **Date Collected:** 09/28/2023 07:28 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-51 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 4th Grd Hallway Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:37 | |

**Lab ID:** 29696052 **Date Collected:** 09/28/2023 07:30 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-52 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** 4th Grd Hallway Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:38 | |

**Lab ID:** 29696053 **Date Collected:** 09/28/2023 07:31 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-53 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** FACS 210 South Left Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:39 | |

**Lab ID:** 29696054 **Date Collected:** 09/28/2023 07:31 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-54 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** FACS 210 South Right Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:40 | |

**Lab ID:** 29696055 **Date Collected:** 09/28/2023 07:32 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-55 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** FACS 210 North Left Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:41 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Analytical Results

**Lab ID:** 29696056 **Date Collected:** 09/28/2023 07:32 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-56 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** FACS 210 North Right Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:42 | |

**Lab ID:** 29696057 **Date Collected:** 09/28/2023 07:34 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-57 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** FACS 210 Center Faucet

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | **0.74** | ug/L | 15 | EPA 200.8 | 10/10/2023 14:50 | |

**Lab ID:** 29696058 **Date Collected:** 09/28/2023 07:36 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-58 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Green Room Bottle Filler Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:52 | |

**Lab ID:** 29696059 **Date Collected:** 09/28/2023 07:38 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-59 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Green Room Fountain Right

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:53 | |

**Lab ID:** 29696060 **Date Collected:** 09/28/2023 07:40 **Matrix:** Potable Water
**Sample ID:** 092823-MACCRAY-60 **Date Received:** 09/29/2023 10:40
**Temp @ Receipt (C):**
**Sample Desc:** Green Room Fountain Left

| Parameter | Results | Units | MCL | Method | Analyzed | Qual |
|---|---|---|---|---|---|---|
| Lead | <0.5 | ug/L | 15 | EPA 200.8 | 10/10/2023 14:54 | |

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)




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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)



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29696

| | | | | | |
|---|---|---|---|---|---|
| Client Name | MACCRAY Public Schools | Building Name | HS/MS/ELEM | Analytical Lab | MVTL |
| Contact Name | Aaron Hess | Project # | 202310680 | Project Name | MACCRAY - 2023 Lead in Water Sampling |
| Phone # | 507-829-7372 | IEA Fax # | | Written Sample Results To | aaron.hess@ieasafety.com |
| Other Information | | | | | |
| Sampled By | Aaron Hess | Date | 9/28/2023 | Time | 6:00 AM |
| Shipped By | MVTL 1126 N Front St Building #New Ulm, MN 56073 | Date | 9/29/2023 | Time | |
| Received By | AF | Date | 29Sep23 | Time | 10:40 |

| Analyzed By (Company) | Analyst | Date & Time |
|---|---|---|
| Turnaround Time | | Notes |
| Sample Condition | | Temperature 20.6 TM870 |

| Lab Number | Sample Number | Sample Location (EX: Kitchen Room 123 NW Corner Left - KS) | Sample Type: Water | Soil | Other | Date Sampled | Time Sampled | Volume/ Bottle Type | Analysis Required | Comments & Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| | 092823-MACCRAY-01 | HS Kitchen East Prep Left Sprayer | X | | | 9/28/2023 | 5:56 AM | 250 ml unpreserved | Lead | 1 MACCRAY K-12 |
| | 092823-MACCRAY-02 | HS Kitchen East Prep Right Faucet | X | | | 9/28/2023 | 5:56 AM | 250 ml unpreserved | Lead | 2 MACCRAY K-12 |
| | 092823-MACCRAY-03 | HS Kitchen Center Prep Faucet | X | | | 9/28/2023 | 5:56 AM | 250 ml unpreserved | Lead | 3 MACCRAY K-12 |
| | 092823-MACCRAY-04 | HS Kitchen Steamer Kettle Faucet | X | | | 9/28/2023 | 5:59 AM | 250 ml unpreserved | Lead | 4 MACCRAY K-12 |
| | 092823-MACCRAY-05 | HS Kitchen Breakroom Faucet | X | | | 9/28/2023 | 6:01 AM | 250 ml unpreserved | Lead | 5 MACCRAY K-12 |
| | 092823-MACCRAY-06 | HS Commons Bottle Filler Right | X | | | 9/28/2023 | 6:02 AM | 250 ml unpreserved | Lead | 6 MACCRAY K-12 |
| | 092823-MACCRAY-07 | HS Commons Fountian Right | X | | | 9/28/2023 | 6:04 AM | 250 ml unpreserved | Lead | 7 MACCRAY K-12 |
| | 092823-MACCRAY-08 | HS Commons Fountian Left | X | | | 9/28/2023 | 6:04 AM | 250 ml unpreserved | Lead | 8 MACCRAY K-12 |
| | 092823-MACCRAY-09 | Band Room Storage Bubbler | X | | | 9/28/2023 | 6:04 AM | 250 ml unpreserved | Lead | 9 MACCRAY K-12 |
| | 092823-MACCRAY-10 | Fitness Center Bottle Filler Right | X | | | 9/28/2023 | 6:08 AM | 250 ml unpreserved | Lead | 10 MACCRAY K-12 |
| | 092823-MACCRAY-11 | Fitness Center Fountian Left | X | | | 9/28/2023 | 6:22 AM | 250 ml unpreserved | Lead | 11 MACCRAY K-12 |
| | 092823-MACCRAY-12 | Fitness Center Fountian Right | X | | | 9/28/2023 | 6:22 AM | 250 ml unpreserved | Lead | 12 MACCRAY K-12 |
| | 092823-MACCRAY-13 | HS Locker Rm Hallway Girls Bottle Filler | X | | | 9/28/2023 | 6:23 AM | 250 ml unpreserved | Lead | 13 MACCRAY K-12 |
| | 092823-MACCRAY-14 | HS Locker Rm Hallway Boys Bottle Filler | X | | | 9/28/2023 | 6:24 AM | 250 ml unpreserved | Lead | 14 MACCRAY K-12 |
| | 092823-MACCRAY-15 | District Office Faucet | X | | | 9/28/2023 | 6:25 AM | 250 ml unpreserved | Lead | 15 MACCRAY K-12 |
| | 092823-MACCRAY-16 | Main Entrance Bottle Filler Left | X | | | 9/28/2023 | 6:26 AM | 250 ml unpreserved | Lead | 16 MACCRAY K-12 |
| | 092823-MACCRAY-17 | Main Entrance Fountian Left | X | | | 9/28/2023 | 6:27 AM | 250 ml unpreserved | Lead | 17 MACCRAY K-12 |
| | 092823-MACCRAY-18 | Main Entrance Fountian Right | X | | | 9/28/2023 | 6:29 AM | 250 ml unpreserved | Lead | 18 MACCRAY K-12 |
| | 092823-MACCRAY-19 | Science Hallway Bottle Filler Right | X | | | 9/28/2023 | 6:30 AM | 250 ml unpreserved | Lead | 19 MACCRAY K-12 |
| | 092823-MACCRAY-20 | Science Hallway Fountian Left | X | | | 9/28/2023 | 6:32 AM | 250 ml unpreserved | Lead | 20 MACCRAY K-12 |
| | 092823-MACCRAY-21 | Science Hallway Fountian Right | X | | | 9/28/2023 | 6:33 AM | 250 ml unpreserved | Lead | 21 MACCRAY K-12 |
| | 092823-MACCRAY-22 | Teacher's Lounge 147 Faucet | X | | | 9/28/2023 | 6:34 AM | 250 ml unpreserved | Lead | 22 MACCRAY K-12 |
| | 092823-MACCRAY-23 | MS Locker Room Bottle Filler | X | | | 9/28/2023 | 6:36 AM | 250 ml unpreserved | Lead | 23 MACCRAY K-12 |
| | 092823-MACCRAY-24 | Nurse's Office Faucet | X | | | 9/28/2023 | 6:36 AM | 250 ml unpreserved | Lead | 24 MACCRAY K-12 |
| | 092823-MACCRAY-25 | Elementary Kitchen Faucet | X | | | 9/28/2023 | 6:36 AM | 250 ml unpreserved | Lead | 25 MACCRAY K-12 |
| | 092823-MACCRAY-26 | Teacher's Lounge 303 Faucet | X | | | 9/28/2023 | 6:37 AM | 250 ml unpreserved | Lead | 26 MACCRAY K-12 |
| | 092823-MACCRAY-27 | Elementary Commons Bottle Filler Right | X | | | 9/28/2023 | 6:37 AM | 250 ml unpreserved | Lead | 27 MACCRAY K-12 |
| | 092823-MACCRAY-28 | Elementary Commons Fountain Right | X | | | 9/28/2023 | 6:38 AM | 250 ml unpreserved | Lead | 28 MACCRAY K-12 |
| | 092823-MACCRAY-29 | Elementary Commons Fountian Left | X | | | 9/28/2023 | 6:39 AM | 250 ml unpreserved | Lead | 29 MACCRAY K-12 |

Original - Analytical Lab
Copy - Client File
Copy - IEA Lab

AMB DR 29 Sep 23 10:40 20.6C TM870

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

2 of 3

## Chain of Custody

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29696

| | | | | | |
|---|---|---|---|---|---|
| Client Name | MACCRAY Public Schools | Building Name | HS/MS/ELEM | Analytical Lab | MVTL |
| Contact Name | Aaron Hess | Project # | 202310680 | Project Name | MACCRAY - 2023 Lead in Water Sampling |
| Phone # | 507-829-7372 | IEA Fax # | | Written Sample Results To | aaron.hess@ieasafcty.com |
| Other Information | | | | | |
| Sampled By | Aaron Hess | Date | 9/28/2023 | Time | 6:00 AM |
| Shipped By | MVTL 1126 N Front St Building #New Ulm, MN 56073 | Date | 9/29/2023 | Time | |
| Received By | | Date | | Time | |

| Analyzed By (Company) | Analyst | Date & Time |
|---|---|---|
| Turnaround Time | | Notes |
| Sample Condition | | Temperature |

| Lab Number | Sample Number | Sample Location (EX: Kitchen Room 123 NW Corner Left - KS) | Sample Type: Water | Sample Type: Soil | Sample Type: Other | Date Sampled | Time Sampled | Volume/ Bottle Type | Analysis Required | Comments & Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| | 092823-MACCRAY-30 | Room 316 Faucet | X | | | 9/28/2023 | 6:40 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-31 | Room 318 Faucet | X | | | 9/28/2023 | 6:41 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-32 | Room 320 Faucet | X | | | 9/28/2023 | 6:41 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-33 | Room 322 Faucet | X | | | 9/28/2023 | 6:43 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-34 | Room 324 Faucet | X | | | 9/28/2023 | 6:45 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-35 | Room 323 Faucet | X | | | 9/28/2023 | 6:46 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-36 | Room 321 Faucet | X | | | 9/28/2023 | 6:47 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-37 | Room 319 Faucet | X | | | 9/28/2023 | 6:48 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-38 | Room 317 Faucet | X | | | 9/28/2023 | 6:50 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-39 | Room 315 Faucet | X | | | 9/28/2023 | 6:54 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-40 | Room 313 Faucet | X | | | 9/28/2023 | 6:56 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-41 | Room 310 Faucet | X | | | 9/28/2023 | 7:17 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-42 | 1st Grd Hallway Bottle Filler Right | X | | | 9/28/2023 | 7:18 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-43 | 1st Grd Hallway Fountian Right | X | | | 9/28/2023 | 7:21 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-44 | 1st Grd Hallway Fountian Left | X | | | 9/28/2023 | 7:21 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-45 | Room 348 Faucet | X | | | 9/28/2023 | 7:22 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-46 | Room 349 Faucet | X | | | 9/28/2023 | 7:23 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-47 | Room 353 Faucet | X | | | 9/28/2023 | 7:24 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-48 | Room 356 Faucet | X | | | 9/28/2023 | 7:24 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-49 | Room 357 Faucet | X | | | 9/28/2023 | 7:25 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-50 | 4th Grd Hallway Bottle Filler Right | X | | | 9/28/2023 | 7:27 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-51 | 4th Grd Hallway Fountian Right | X | | | 9/28/2023 | 7:28 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-52 | 4th Grd Hallway Fountian Left | X | | | 9/28/2023 | 7:30 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-53 | FACS 210 South Left Faucet | X | | | 9/28/2023 | 7:31 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-54 | FACS 210 South Right Faucet | X | | | 9/28/2023 | 7:31 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-55 | FACS 210 North Left Faucet | X | | | 9/28/2023 | 7:32 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-56 | FACS 210 North Right Faucet | X | | | 9/28/2023 | 7:32 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-57 | FACS 210 Center Faucet | X | | | 9/28/2023 | 7:34 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |
| | 092823-MACCRAY-58 | Green Room Bottle Filler Right | X | | | 9/28/2023 | 7:36 AM | 250 ml unpreserved | Lead | MACCRAY K-12 |

Original - Analytical Lab
Copy - Client File
Copy - IEA Lab

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.

**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:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

3 of 3

29696

## Chain of Custody

9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
763.315.7900 1.800.233.9513

| | | | | | |
|---|---|---|---|---|---|
| Client Name | MACCRAY Public Schools | Building Name | HS/MS/ELEM | Analytical Lab | MVTL |
| Contact Name | Aaron Hess | Project # | 202310680 | Project Name | MACCRAY - 2023 Lead in Water Sampling |
| Phone # | 507-829-7372 | IEA Fax # | | Written Sample Results To | aaron.hess@ieasafety.com |
| Other Information | | | | | |
| Sampled By | Aaron Hess | Date | 9/28/2023 | Time | 6:00 AM |
| Shipped By | MVTL 1126 N Front St Building #New Ulm, MN 56073 | Date | 9/29/2023 | Time | |
| Received By | | Date | | Time | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Analyzed By (Company) | | | | | | Analyst | | Date & Time | | |
| Turnaround Time | | | | | | Notes | | | | |
| Sample Condition | | | | | | Temperature | | | | |

| Lab Number | Sample Number | Sample Location (EX: Kitchen Room 123 NW Corner Left - KS) | Sample Type: Water | Sample Type: Soil | Sample Type: Other | Date Sampled | Time Sampled | Volume/ Bottle Type | Analysis Required | Comments & Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| | 092823-MACCRAY-59 | Green Room Fountian Right | X | | | 9/28/2023 | 7:38 AM | 250 ml unpreserved | Lead | 59 MACCRAY K-12 |
| | 092823-MACCRAY-60 | Green Room Fountian Left | X | | | 9/28/2023 | 7:40 AM | 250 ml unpreserved | Lead | 60 MACCRAY K-12 |

Original - Analytical Lab
Copy - Client File
Copy - IEA Lab

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**Workorder:** HS/MS/ELEM (29696) **Client:** Institute for Environmental Assessment (IEA)

## Sample Condition Checklist

29/9/23

Date: 29 Sep 23 Time: 10:40 ☒ AM ☐ PM By: DmcR

Account Name: IEA / Maccray P.S. Account # —

Bill of Lading #: — Cooler #: —

Temp: 20.6 °C ROI ☐ Ambient ☒ Tracking #: —

TM#: 470 Ice Crystals Present in Sample ☐

MVTL Courier: Other: —

MVTL Route: Soil Route Walk-In ☒ UPS Air ☐ FedEx Air ☐ SpeeDee ☐

Mail ☐ UPS Ground ☐ Fed Ex Ground ☐

Containers Supplied by MVTL: Yes ☒ No ☐ Designate customer supplied containers as "Other" in container size column

Comments:

| Number | Containers Size (mL) | Container Type | Preservation | pH |
|---|---|---|---|---|
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP) | $NaHSO_4$ $Na_2O_3S_2$ NONE $HNO_3$ $H_2SO_4$ NaOH HCl SUB* | <2 >9 >12 N/A Add |
| | Low Level Mercury Kit | ***!!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!*** | | |
| | 4 oz Jar | Clear Amber | MeOH None | n/a |
| | 2 oz Jar | Clear Amber | MeOH None | n/a |
| | Vials Individual Set of 2 Set of 3 | Clear Amber | HCl $H_3PO_4$ $H_2SO_4$ None | n/a |
| | Vials Individual Set of 2 Set of 3 | Clear Amber | HCl $H_3PO_4$ $H_2SO_4$ None | n/a |
| | Trip Blank Individual Set of 2 Set of 3 | n/a | | |
| | Moisture Vial | n/a | | |
| | Manure Bottle | n/a | | |

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

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