

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 (35830)

**Account #:** 2190

**Project #:** 202310683

Client: Institute for Environmental Assessment (IEA)

**PO**: 202310683

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:

Jam Land

Jason Smith, Production Director 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.

Report Date: Sunday, December 17, 2023 6:30:36 PM



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Workorder: HS/MS/ELEM (35830) Institute for Environmental Assessment (IEA) Client:

**Analytical Results** 

Lab ID: 35830001 **Date Collected:** 12/05/2023 07:10 Matrix: Potable Water

Sample ID: 120523-PIPESTONE **Date Received:** 12/06/2023 10:16

-01 Temp @ Receipt (C):

Sample Desc: Hallway Fountain 1105 Right

Results MCL **Parameter** Units Method **Analyzed** Qual

Lead 1.97 15 **EPA 200.8** 12/14/2023 18:29 ug/L

Lab ID: **Date Collected:** 35830002 12/05/2023 07:14 Matrix: Potable Water

120523-PIPESTONE Date Received: 12/06/2023 10:16 Sample ID:

Temp @ Receipt (C):

Room 1160 Faucet Sample Desc:

**Parameter** Results Units MCL Method **Analyzed** Qual

Lead 1.67 ug/L 15 **EPA 200.8** 12/14/2023 18:30

Lab ID: **Date Collected:** 12/05/2023 07:15 35830003 Matrix: Potable Water

120523-PIPESTONE Sample ID: Date Received: 12/06/2023 10:16

-03 Temp @ Receipt (C):

Sample Desc: Room 1160 Faucet 1min Flush

MCL **Parameter** Results Units Method Analyzed Qual <0.5 EPA 200.8 15 12/14/2023 18:31 Lead ug/L

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WO: 35830





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| 1          |   |   |       |                |       |                        |                          |  |              |   | 3  | 3583      |
|------------|---|---|-------|----------------|-------|------------------------|--------------------------|--|--------------|---|--|-----------|
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  | 9201         | West Broadway   | North, Suite 600                                     |           |
|            |   |   |       |                | Ci    | hain of C              | ustoay                   |  | 763.31       | Breeklyn<br> 5.7900 <b>B</b>                                      | North, Suite 600<br>Park, MN 55445<br>1.800.233.9513 | _         |
|            | Client Name Pipestone Area Schools                          |   |       | Building Name  |       | HS/MS/ELEM             |                          | Analytical Lab                           |              | p!  | MVTL   | _         |
|            | Contact Name Aaron Hess                                     |   |       | Project #      |       | 202310683              |                          | Project Name  Written Sample Results To  |              | Pipestone - 2023 Lead in Water Sampling  aaron.hess@ieasafety.com |  | -         |
| Phone I    |   | 507-829-7372  |       | IEA FAX #      |       |                        |                          |  |              |   | auron nessenteramentera                              | $\exists$ |
| Retest     | for Lead  |   |       |                |       |                        |                          | •  |              |   |  |           |
| Sample     | <sup>d By</sup> Aaron Hess                                  |   | Date  | 12/5/2023      | Time  | 7:00 AM                | Analyzed By<br>(Company) |  | Analyst      |   | Date & Time  |           |
| Shippe     | Shipped By MVTL 1126 N Front St Building #New Ulm, MN 56073 |   |       | Date 12/5/2023 |       |                        | Turneround Time          |  |              | Notes   |  |           |
| Receive    | ed By   |   | Date  |                | Time  |                        | Sample Condition         |  |              | Temperature   |  |           |
| <b>a</b>   | Sample  | Sample Location<br>(EX: Kitchen Room 123 NW Corner Left - KS) |       | Sample Type    |       |                        |                          | Volume/                                  | Analysis     |   | Comments & Observations                              |           |
| Lab Number | Number  |   | Water | Soil           | Other | - Date Sampled         |                          |  | Required     |   | Comments & Observations                              |           |
| 1          | 120523-PIPESTONE-01   | Hallway Fountian 1105 Right                                   | х     |                |       | 12/5/2023              | 7:10 AM                  | 250 ml unpreserved                       | Lead         |   | Pipestone K-12                                       | -         |
| 2          | 120523-PIPESTONE-02<br>120523-PIPESTONE-03                  | Room 1160 Faucet Room 1160 Faucet 1min Flush                  | X     | _              | -     | 12/5/2023<br>12/5/2023 | 7:14 AM<br>7:15 AM       | 250 ml unpreserved<br>250 ml unpreserved | Lead<br>Lead |   | Pipestone K-12<br>Pipestone K-12                     | -         |
| ٦          | 12032341112310112-03  | NOME AND TORSE AND THE  |       |                | •     |                        |                          | sl                                       | 6            | Dec a   | 23 1016  |           |
|            |   |   |       |                |       |                        |                          |  |              |   | 11.1 771   |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |
|            |   |   |       |                |       |                        |                          |  |              |   |  |           |

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| i                     | Sample Condition Ch   | ecklist   |  |  |                   |  |  |  |  |  |  |
|-----------------------|---|---|--|--|-------------------|--|--|--|--|--|--|
|                       | 6 Dec a3  | 10 DOC 10 DE  | <b>⊠</b> AM<br>□ PM  | By: SP Account #   |                   |  |  |  |  |  |  |
| Bill of Ladir         | ng#:c   | ROI 🗆   | Ambient 🗌  | Tracking #: 1201F921032324 1886    HINTER   1201F921032324   1886   1880 |                   |  |  |  |  |  |  |
| TM#:                  | 771   | Ice Crystals Present in Sample                                  |  |  |                   |  |  |  |  |  |  |
| MVTL Cou              | rier:   |   |  | Other:   |                   |  |  |  |  |  |  |
| MVTL Rou              | 2.2   |   | UPS Air  UPS Ground  supplied containers as "C                   | FedEx Air<br>Fed Ex Ground<br>Other" in container size column  | SpeeDee           |  |  |  |  |  |  |
| Comments              |   | T   |  | Preservation   | pH                |  |  |  |  |  |  |
| Number                | Containers Size (mL) (100) (120) (125) (250) (290) (500) (1000) Other | (G) (P) (AG) (AP)   | NaHSO Na <sub>2</sub> O <sub>2</sub> S                           | NONE HNO3 H2SO4 NaOH HCI SUB*  | <2 >9 >12 N/A Add |  |  |  |  |  |  |
| 3                     |   | (*, (*,)  |  | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCI SUB*   | <2 >9 >12 N/A Add |  |  |  |  |  |  |
| $\sim$                | (100) (120) (125) (250) (290) (500) (1000) Other                      |   |  | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCI SUB*   | <2 >9 >12 N/A Add |  |  |  |  |  |  |
|                       | (100) (120) (125) (250) (290) (500) (1000) Other                      | (G) (P) (AG) (AP)   |  |  |                   |  |  |  |  |  |  |
|                       | (100) (120) (125) (250) (290) (500) (1000) Other                      | (G) (P) (AG) (AP)   |  | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCl SUB*   |                   |  |  |  |  |  |  |
|                       | (100) (120) (125) (250) (290) (500) (1000) Other                      | (G) (P) (AG) (AP)   |  | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCl SUB*   | <2 >9 >12 N/A Add |  |  |  |  |  |  |
|                       | (100) (120) (125) (250) (290) (500) (1000) Other                      | (G) (P) (AG) (AP)   | NaHSO <sub>4</sub> Na <sub>2</sub> O <sub>3</sub> S <sub>2</sub> | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCI SUB*   | <2 >9 >12 N/A Add |  |  |  |  |  |  |
|                       | (100) (120) (125) (250) (290) (500) (1000) Other                      | (G) (P) (AG) (AP)   | NaHSQ <sub>4</sub> Na <sub>2</sub> O <sub>3</sub> S <sub>2</sub> | NONE HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH HCl SUB*   | <2 >9 >12 N/A Add |  |  |  |  |  |  |
| Low Level Mercury Kit |   | **!IDO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!** |  |  |                   |  |  |  |  |  |  |
|                       | 4 oz Jar  | Clear Amber   | Mei  | OH None  | n/a               |  |  |  |  |  |  |
|                       | 2 oz Jar  | Clear Amber   | Me   | OH None  | n/a               |  |  |  |  |  |  |
|                       | Vials Individual Set of 2 Set of 3                                    | Clear Amber   | нсі  | H₃PO <sub>4</sub> H₂SO <sub>4</sub> None   | n/a               |  |  |  |  |  |  |
|                       | Vials Individual Set of 2 Set of 3                                    | Clear Amber   | HCI  | H <sub>3</sub> PO <sub>4</sub> H <sub>2</sub> SO <sub>4</sub> None   | n/a               |  |  |  |  |  |  |
|                       | Trip Blank Individual Set of 2 Set of 3                               |   |  | n/a  |                   |  |  |  |  |  |  |
|                       | Moisture Vial   |   |  | n/a  |                   |  |  |  |  |  |  |
|                       | Manure Bottle   |   |  | n/a  |                   |  |  |  |  |  |  |

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