Lead Testing Program

Components of the Program

- 1. Introduction
- 2. Health Information
- 3. Regulations & Guidance
- 4. Sampling Program Development (Required)
- 5. Conduct First Draw Tap Monitoring (Required)
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- 7. Interpret Sample Results
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- 11. General Water Management Plan to Reduce Lead Levels

1. Introduction

Minnesota Statutes, section 121A.335 and <u>145.9273</u>. The specific text of the statute can be found at: • Lead in School Drinking Water

n(https://revisor.mn.gov/statutes/?id=121A.335) Minnesota Statutes, section 121A.335 requires schools to either adopt the model plan or develop and adopt an alternative plan that accurately and efficiently tests for the presence of lead in water in public school buildings serving students, and section <u>145.9273</u> expands upon that.

The statute further directs that this technical guidance be based on "standards established by the United States Environmental Protection Agency (EPA)" and current Minnesota Department of Health (MDH) guidance. In addition to describing required aspects (planning, testing, reporting), the manual also presents flexible guidance that schools can consider to meet their individual needs most efficiently.

The Minnesota Department of Education (MDE) and MDH intend that school administrators consult this technical guidance and model plan when testing for lead in their drinking water and implement activities as needed to reduce exposure to lead. The school District is responsible for adopting and retaining the model plan/alternative plan and test results records, as well as making those results available to parents and the public. School administrators, school boards and others in positions of governance should review this guidance.

For the purposes of this program Martin County West Public School will be following the guidance set forth by MDE's model plan on lead to meet the requirements put in place by Minnesota Statute 121A.335.

Beyond the model plan for lead testing, this technical guidance includes recommendations to reduce lead levels at taps used for drinking water and food preparation. The instructions for testing and suggested lead hazard reduction options are designed for school health, safety, and maintenance personnel, as well as consultants working with educational agencies. If your school is served by a Community Public Water System (CPWS), i.e. municipality, you should contact your CPWS to learn more about lead in your water supply before testing your facility. It's important to develop a working relationship with your CPWS, including having a coordinated communications plan.

2. Health Information

Why Worry About Lead in Schools?

Lead is a toxic material known to be harmful to human health if ingested or inhaled. Recent research has shown that exposure to lead is associated with adverse mental, physical, and behavioral effects on children. The current scientific consensus is that there is no safe level of lead exposure.

For more background see: • Centers for Disease Control and Prevention (https://www.cdc.gov/nceh/lead/).

Therefore, any measurable blood lead level can have negative health effects. While water is just one potential source of exposure to lead in the environment, reducing lead in school drinking water can decrease an individual's overall exposure to lead. While we have known that lead is toxic for many centuries, there has historically been a level of exposure presumed to be "safe." Over the years, the safe level has been reduced based on new research, but it was always there.

However, in 2012, the Centers for Disease Control and Prevention dramatically changed the way lead toxicity is assessed. Instead of setting a safe level, the new approach acknowledges the fact that there is no currently known safe level of lead exposure and recommends a primary prevention approach (i.e., preventing a problem before it occurs) to reducing risk. This concept of "no safe level" is similar to the way we assess risks from carcinogens. Health risks from carcinogens are managed by setting an acceptable risk probability (not zero) that balances the need to reduce exposure with the practicality of avoiding chemicals that are widely distributed in our environment. The new approach for lead hazard reduction is similar in that it balances the need to reduce exposure (i.e., primary prevention) while recognizing that lead is still present in many areas of our environment.

How Does Lead Get Into Drinking Water?

Lead found in drinking water comes primarily from materials and components associated with the water distribution system and plumbing. While public water distribution systems may have lead components, the highest concentrations of lead are typically found nearest to the tap. Lead may be present in various materials in a building's plumbing system such as lead solder, brass fixtures, valves, and lead pipes. Corrosion of these materials allows lead to dissolve into the water passing through the plumbing system. The amount of corrosion depends on the type of plumbing materials, water quality characteristics, electrical currents, and how water is used. The longer water remains in contact with lead materials, the greater the chance lead can get into the water.

What Can Be Done to Reduce Lead Levels in Drinking Water?

This section is relevant to any tap used for drinking water or food preparation. These are best practices in reducing lead concentrations and can be used at home, school, or at work. When evaluating the best approach for protecting against lead exposure in schools, it is important to balance a number of factors:

• Current research has not identified a safe level of exposure to lead;

• Lead is still present in many areas of the environment, making it very difficult to eliminate all exposure;

• The risks of developing irreparable damage from lead in water increase with higher concentrations of lead and longer exposure times;

• School buildings across the state are very different, being old/new, big/small, busy/limited, targeted/multi-purpose, which impacts the likelihood of lead exposure; and

• Local school Districts have the best understanding of their buildings and how they are used; they can work with parents, students, teachers, and administrators to come up with the best approach for their specific situation. An effective response to lead in water must consider all of the factors listed above. Both MDE and MDH are readily available for technical assistance and consultation, but the local school District is in the best position to understand and implement an effective strategy for their specific situation.

Use only cold water for drinking and food preparation Use only cold water for drinking, preparing food, and making baby formula. Hot water releases more lead from pipes than cold water. The water may be warmed before use in formula. Let it run before use

Running water at a tap, prior to using it for drinking or food preparation, will typically help reduce lead levels in the water. This works by removing the water that has been in the longest contact with the plumbing materials, thus removing the water with the highest concentration of lead. Let the water run for 30-60 seconds before using it for drinking or cooking if the water has not been turned on in over six hours.

The only way to know if lead has been reduced after letting it run is to check with a test.

Other routine maintenance

Like any appliance, water systems require routine maintenance to function properly. Steps to help reduce the presence of lead in your water include:

• Clean faucet aerators on a quarterly basis - more often if debris buildup is observed - as lead-containing materials may accumulate in aerator screens;

• Use only certified lead free materials when performing plumbing work. Lead Free Certification Marks (http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100GRDZ.txt) ; and

• Follow the manufacturer's recommendations for water softener settings to ensure an appropriate level of hardness. The hardness of the incoming water may have to be determined by asking your water supplier or having a sample analyzed.

Test the water for lead

The only way to determine how much lead may be present in drinking water is to have the water tested. Each tap or fixture providing water for drinking or food preparation should be tested at least every five years. Some form of lead hazard reduction should implemented for taps where lead is found. Detailed instructions on testing water for lead and recommended lead hazard reduction options can be found later in this plan.

3. Regulations and Guidance

Due to lead's health effects and the special circumstances that make lead a concern in schools, a number of legal requirements and guidance materials exist that are applicable to reducing lead in school drinking water.

The plan you are reading was developed in response to Minnesota State Statute 121A.335. It requires public and charter schools to have a plan for efficiently and accurately testing for lead in drinking water using the model plan developed by MDE and MDH. The law applies in addition to any other current testing requirements. The full Statute is found at: (https://revisor.mn.gov/statutes/?id=121A.335)

Under the statute, by July 1, 2018 school Districts must:

• Adopt the model plan from this document or develop and adopt an alternative plan to accurately and efficiently test for lead in school buildings serving students from prekindergarten to grade 12;

• Create a schedule for testing that includes all school District buildings and charter schools serving students where there is a source of water that may be consumed by students (used in cooking or directly by drinking). Each tap must be tested at least once every five years. Testing must have begun by July 1, 2018 and complete testing of all buildings serving students must be done within five years; and

• Make the results of testing available to the public to review and notify the parents and guardians of the availability of the information.

MDH Guidance In 1989, MDH developed its first guidance document addressing lead in school drinking water based on the information in the 1988 EPA Lead Contamination Control Act. The latest revision in 2014 was based on new information in the 2014 EPA Reduction of Lead in Drinking Water Act. The 2014 version is superseded by this 2018 guidance.

Guidance Values of Lead

Lead is still present in many areas of our environment, including materials that were commonly used in plumbing systems. To help in understanding the risks posed by environmental lead, a variety of guidance values have been developed at different times by different organizations. Some of the values are relatively recent, others much older; some are health based, while others are for statistical assessment of a water system. This table summarizes guidance values frequently identified with public health protection.

Guidance Value: ppb (parts per billion)	Description
o ppb	EPA has set a maximum contaminant level goal (MCLG) of zero for lead in water. Note: analytical tests can only measure down to their detection limits; it is not possible to actually measure down to 0 ppb.
1 ppb	The American Academy of Pediatrics recommends this level be used as a standard for school drinking water taps. Note: The minimum repeatable detection limits achieved by laboratories today are typically between 0.5 and 2.0 ppb.
5 ppb	Illinois, Michigan and Washington DC use this value as a trigger for schools to implement lead hazard reduction or provide notification. Health Canada has proposed this value as their new Maximum Allowable Concentration. See Health Canada (https://www.canada.ca/en/health-canada/programs/consultation-leaddrinki ng-water/document.html#a1) Is the International Bottled Water Association (IBWA) Bottled Water Code of Practice finished water quality product standard.
15 ppb	Public water systems sample for lead following the EPA Lead and Copper Rule. No more than 10 percent of a water system's samples are allowed to be above this level. However, this is not a health-based value. It is applied as a statistical calculation to determine when a public water system must explore corrosion control treatment options to reduce lead in the water based on the laboratory detection limit available at the time of the rule making. This action level has not been updated since 1991. Several states have adopted this value in their school guidance in order to match the Lead and Copper Rule value.
20 ppb	This is the trigger value used in EPA's Lead in Drinking Water in Schools and Nonresidential Buildings (1994), now the 3Ts (2005). This value has not been updated since the publication of these documents and is not a health-based value.

4. Sampling Program Development:

- a. The Environmental Coordinator, Timothy Harbo, will conduct or update the inventory of all taps used for cooking or drinking water.(As of July 1, 2018 the inventory has been completed.)
 - i. A drinking water faucet or tap is the point of access for people to obtain water for drinking or food preparation. A faucet/tap can be a fixture, faucet, drinking fountain or water cooler. Drinking water taps typically do not include bathroom taps, hose bibbs, laboratory faucets/sinks or custodial closet sinks; these should be clearly marked not for drinking.
 - ii. Taps used for human consumption should only be cold water taps

- iii. Hot water taps should never be used to obtain water for drinking water or food preparation.
- iv. Check all drinking fountains to ensure EPA has not identified them as having a lead lined tank under the LCCA.
- v. This list can be found at: Lead in Drinking Water Coolers (http://tinyurl.com/kr8kppf)--If a drinking fountain within the school is found on this list, it should be removed from use immediately.
- b. The inventory will be attached to the Lead Testing Program. The inventory will be updated if taps are added or removed.
- c. The Environmental Coordinator, Timothy Harbo, will set a sampling schedule so all taps identified in the inventory are tested within 5 years.
- d. Determining the logistics for sampling:
 - i. Testing will be done by the Environmental Coordinator.
 - ii. Minnesota Valley Testing Laboratories(MVTL) will be contacted for laboratory analysis.
- e. A schedule will be attached to the Lead Testing Program(Every 5 years)

5. Conduct First Draw Tap Monitoring:

- a. Conduct First Draw Tap Monitoring Taps must be sampled once every five years. As of July 1, 2018, all monitoring of taps has been completed and taps have been sampled within the last five years.
- b. The Environmental Coordinator, Timothy Harbo, will complete first draw tap monitoring. Monitoring will follow the practices in the Commissioner's Model Plan.
- c. Taps must be sampled once every five years. Document the next testing date for each tap. The Environmental coordinator will document future testing dates.
- d. Water Sampling
 - i. Water from taps used for drinking or food preparation must be tested for lead using "first draw" samples. First draw means that the samples are collected before the fixture is used or flushed during the day. Use only cold water for collecting lead samples. It is necessary to consider the order in which tap samples are collected to avoid the potential of accidentally flushing a tap. Always start at taps closest to where the water enters the building.
 - ii. Sample site preparation and sample collection must be performed consistent with the following conditions:

- 1. Note that it may be necessary to collect samples over a number of days to ensure only first draw samples were collected;
- 2. The day before sampling- normal usage of the sampling tap should occur;
- 3. The night before sampling secure the fixture from being used (e.g., hang a "Do Not Use" sign);
- 4. Do not use sampling taps for a minimum of six hours. MDH recommends not exceeding 18 hours;
- 5. Do not remove aerators or attachments;
- 6. Collect the first draw sample using a 250 mL bottle. Be sure to start sampling at taps closest to where the water enters the building so that no accidental flushing occurs;
- 7. Complete all scheduled sampling for that sampling period; and
- 8. Have samples analyzed by sending to a laboratory or conduct analysis using field analyzers. Be sure to follow all instructions from the lab or field analyzer manufacturer.
- e. Results
 - i. Water sources testing above the recommended levels of 5 ppb will be retested.
 - ii. Following retest, water sources that have lead levels above 5ppb will be removed as a drinking source or the source of lead contamination will be found and mitigated.

6. Communicate Results:

A school District that has tested for lead in drinking water must make the results available for public review. If any fixtures are above 5 ug/L, results must be available within 30 days. Parents must be notified of the availability of the information.

- a. Contact person is the Environmental Coordinator, Timothy Harbo.
- b. The Environmental Coordinator will make all test and follow-up results available for public review upon request.
- c. School District will make the availability of the information known to parents by providing notice in annual publication and on the school website
- d. Date notification completed: Annually in August & 30 days from any new tests
- e. A copy of the document showing that notice was completed will be kept with the lead program in the District's Health & Safety office.

7. Interpret Sample Results

- a. Once a school receives its sample results, it should verify that all results are expressed in parts per billion (ppb). For water samples, this will sometimes be stated as micrograms per liter (μ g/L), which is equivalent to ppb.
 - i. Recommended Lead Hazard Reduction Options
 - 1. < 5 ppb to Non-Detected-
 - a. Tap may be used as normal;
 - b. Record result and test again in 5 years; and
 - c. Make all test results and lead education materials accessible to the community, such as on a website, or annual report, and available upon request.
 - 2. 5 ppb to 20 ppb
 - a. The tap may be used for cooking and drinking water while steps are taken to reduce overall exposure. A higher number of taps with elevated results increases the urgency to implement hazard reduction.
 - b. Options include:
 - i. Retest the sample tap and attempt to more accurately determine the source of the lead; consider monitoring tap more frequently until the source of lead is found and removed;
 - Consider the feasibility of flushing or other steps to minimize lead exposure, including limiting softened water supplies to hot water taps only, taking into account other actions that the school may already have in place;
 - iii. When doing a flush test, let the water run for 30 seconds before taking a sample.
 - iv. Make all test results and lead education materials accessible to the community, such as on a website, or annual report, and available upon request.
 - 3. > 20 ppb
 - a. Action should be taken to reduce exposure. The specific action(s) taken will be dependent on individual school conditions.
 - i. Options include:
 - 1. Remove tap from service until problem is demonstrably corrected by

replacement, a flushing program, filtration, or treatment;

- 2. Do not use tap for cooking or drinking water;
- 3. Retest the tap and attempt to determine the source of the lead; If the tap is not replaced, consider monitoring tap more frequently, such as annually, until the source of lead is found and removed;
- 4. Implement a flushing protocol or other lead hazard reduction option; sampling should be use to evaluate effectiveness;
- 5. Make all test results and lead education materials accessible to the community, such as on a website, or annual report, and available upon request; and
- 6. Provide targeted communication and education to individuals, parents, and staff members that routinely use that tap.

8. Lead Hazard Reduction Options

If the school receives its water from a Community Public Water Supply (such as a municipal water supply) the school is encouraged to work with them to assess the source contribution of lead coming into the school and if the school has a lead service line. For schools on their own well, the only way to characterize lead contribution from the water source is to do a test of water coming into the building.

- 1. Option 1. Removal of Lead Sources
 - a. Engineering plans and specifications for the plumbing system are useful for identifying sources of lead and helpful in determining if sources of lead can be removed from service or replaced with lead free fixtures. Options for eliminating lead sources include:
 - i. Remove tap/fixture from service. If the tap is seldom used, it may be disconnected or removed from the water supply line, but first verify the tap is not required for local building code compliance;

- ii. Replace with lead free fixture/plumbing component in accordance with Reduction of Lead in Drinking Water Act;
- 2. Option 2. Implement a Flushing Program
 - a. Flushing the drinking water taps (letting the water run for a set amount of time on a regular basis) can effectively reduce lead concentrations in drinking water. A flushing program works to reduce lead concentrations by clearing the taps of water that has been in contact with plumbing components that may contain lead. While flushing can work to reduce lead, it requires staff time, diligence, and commitment to ensure effectiveness. Essential to any flushing program is monitoring after flushing to verify effectiveness.
 - b. There are two primary types of flushing programs: Individual Tap Flushing and Main Pipe Flushing.
 - i. Individual Tap Flushing Program
 - 1. May be implemented if lead concentrations are found to be high at certain taps;
 - 2. Flush individual taps that have been tested and found to have high lead levels. This procedure is to be followed each day the school is in session;
 - a. Run each tap for 2 to 3 minutes in the morning before children arrive
 - b. Run each tap midday for two to three minutes if the tap has been unused and stagnant for the morning period
 - 3. Periodic testing may be done prior to and after the midday flushing to ensure the lead concentrations have remained low throughout the morning hours. If they have not, the flushing time should be increased or another option should be implemented;
 - 4. After weekends or breaks, run each tap for ten to fifteen minutes before children return to school then return to normal use; and
 - 5. Frequency and duration of flushing should be reasonably documented.
 - ii. Main Pipe Flushing Program
 - 1. May be implemented if lead concentrations are found to be high throughout the entire school or confined to a certain area of the school. This procedure is to be followed each day the school is in session;

- 2. Begin by flushing the tap furthest away from the water source for at least ten minutes;
- 3. Next flush the tap the second furthest away and continue in this manner until all taps have been flushed;
- 4. Flushed samples should be periodically collected and analyzed for lead to confirm the effectiveness of flushing programs;
- 5. It is recommended that midday samples and end of the day samples be taken periodically to ensure the lead concentrations have remained low throughout the day. If they have not, another option should be implemented; and
- 6. Review the results upon receipt and continue to optimize the procedure to reduce lead.
- 3. Option 3 Remove tap from services
 - a. All taps that come back > 5ppb on retest may be taken out of service for the use of drinking or food preparation.
 - b. Taps may continue to be used for handwashing and non-consumption purposes.
- 4. All taps affected by a lead hazard reduction option should be retested to ensure the control options worked. A first draw sample is to be taken using the procedure outlined in Step 5.
 - a. Interpreting Post Control Option Results
 - i. If the analysis does not detect lead, no further action is required, as long as the control option remains in place. The next sample should be collected within five years;
 - ii. If the analysis shows lead remains present, continue twice daily flushing. A midday sample, as specified in Step 5, should be collected to determine if flushing is effective. Alternatively, a new control option can be implemented followed by retesting as specified in Step 5.
- 5. After breaks, run each fixture for ten to fifteen minutes before children return to the facility, then return to normal use.

9. Additional Lead Concerns:

a. Painted surfaces

- i. Surfaces that are peeling and/or are going to be altered by scraping, remodeling, or demolition, will be tested for lead content.
- ii. Painted surfaces that are peeling and/or will be disturbed are required to be removed using the following guidelines:
 - 1. Before performing any alteration, including painting and decorating, on a surface, evaluate the surface to determine if the process will create a potential for lead exposure.
 - 2. If lead exposure is a possibility, inform the Environmental Coordinator.
 - 3. The Environmental Coordinator will assess the situation to determine the potential for lead exposure.
 - 4. In cases where lead exposure is a potential, a sample of the surface material will be taken and analyzed to determine lead content.
 - 5. In cases where lead content is found, construction practices will be modified to lower potential for exposure. Modifications are as follows:
 - a. Cover floor surface with plastic.
 - b. When removing paint minimize dust by use of water.
 - c. Minimize the spread of paint dust by isolating area from ventilation sources.
 - d. Dispose of paint debris as a hazardous material.
 - e. Clean up surfaces with water and a chelating agent. Do not sweep up dry material
 - f. Where construction practices can not be modified, containment of exposure will be implemented, protective equipment will be utilized, and air will be monitored during the process.
 - g. This also applies to the use of outside contractors. Although they are responsible for their employees health and safety, the District will notify contractors of potential presence of lead and request that contractors contain lead containing material to area of construction and prevent contamination of other areas of the building.

 Inspection- Custodial staff will report surfaces that have peeling or flaking paint to the Environmental Coordinator. These areas will be tested and documented for lead content.

10. MDH Reporting:

a. Public schools, charter schools, and child care centers are the only facilities that must report their lead results and remediation actions to MDH annually beginning July 1, 2024. Schools and child care centers have different reporting requirements.

11. General Water Management Plan to Reduce Lead Levels

A water management plan is a crucial tool for schools to proactively maintain water quality, mitigate lead contamination risks, and ensure the health and safety of students and staff. By implementing a comprehensive plan, schools can address potential hazards, comply with regulations, and provide safe drinking water for all.

Maintenance List:

- 1. Routine Inspections: Regular visual inspections of plumbing fixtures (faucets, fountains, etc.) will be conducted by maintenance personnel to identify any signs of damage, leaks, or potential lead sources.
- 2. Regular Testing: Test all drinking and food preparation taps every 5 years.
- **3. Post-Remediation Testing:** After any significant repairs or remediation efforts, follow-up testing will be conducted to verify the effectiveness of the actions taken.
- 4. Flush Stagnant Taps: Run water for 10 minutes before use if tap has been unused for long periods of not being used like Summer break.
- 5. Clean Aerators: Clean faucet aerators quarterly to remove debris buildup.
- 6. Lead-Free Materials: Use only certified lead-free materials for plumbing repairs.
- 7. Prioritize High-Risk Areas: Focus on problem spots identified in testing and those with older fixtures.

Problem Areas:

- 1. Older Plumbing Fixtures:
 - Faucets and Fountains: Particularly those installed before 1986, may contain lead solder or brass components.

• Maintenance: Replace with certified lead-free fixtures.

2. Internal Plumbing:

- Lead Pipes or Solder: Can leach lead into the water, especially after periods of stagnation (weekends, holidays).
- Maintenance: If lead pipes are present, consider full replacement. If not feasible, partial replacement of lead service lines can reduce exposure. Install filters certified to remove lead at point-of-use (e.g., fountains, kitchen sinks).

3. Water Heaters:

- Older units with lead-lined tanks: Can contaminate water, especially hot water.
- Maintenance: Replace older water heaters with newer models that do not contain lead.

4. Premises Plumbing:

- Lead service lines connecting the school to the municipal water main: These lines are the property owner's responsibility.
- Maintenance: If lead service lines are present, replacement is recommended. Contact your local water utility for assistance.

Process for Reporting Water Quality Concerns and Subsequent Review & Testing

To establish a clear procedure for school staff to report water quality concerns and ensure prompt investigation and remediation by the appropriate personnel.

Reporting Procedure:

- 1. **Observation:** If any staff member observes or suspects a water quality issue (unusual color, odor, taste, leaks, etc.), they should immediately document the details (date, time, location, description).
- 2. Notification:
 - **Verbal Report:** Inform the Health and Safety Coordinator (Tim Harbo) or the Buildings and Grounds Manager (David Oltman) as soon as possible.
 - Written Report: Complete a Water Quality Concern Report Form (see attached template) and submit it to either Tim Harbo or David Oltman within 24 hours of the verbal report.
- **3. Initial Assessment:** The designated coordinator (Harbo or Oltman) will conduct an initial assessment of the reported concern as soon as possible. This may involve visual inspection, basic testing, or consultation with maintenance personnel.
- 4. Further Action:
 - **Minor Issue:** If the issue appears minor and easily resolvable, the coordinator will initiate appropriate corrective action (e.g., flushing, minor repairs).
 - **Significant Issue:** If the issue appears significant or requires further investigation, the coordinator will:
 - Notify the school administration and relevant district personnel.
 - Arrange for professional water quality testing (if necessary).
 - Implement any necessary safety measures (e.g., restricting access to affected areas, providing alternative water sources).
 - Communicate findings and actions to staff and other stakeholders.

Communication:

- 1. **Transparency:** The school administration will maintain open communication with staff, students, and parents regarding water quality concerns, test results, and any actions taken to address them.
- 2. **Reporting:** Results of water quality testing will be shared with the school community in a timely and transparent manner.

Water Quality Concern Report Form (Template):

- Date:
- Time:
- Reported by:
- Location (room, fixture, etc.):
- Description of concern:
- Initial action taken (if any):

Record Keeping:

- 1. Maintain detailed records of all test results, maintenance activities, and corrective actions.
- 2. Make records available for public review and notify parents of their availability.

Water Sources in the District

- 1. The following in a list of water sources used for drinking water or food preparation in the District:
 - Trimont Elementary
 - Gym West
 - Gym West (old)
 - Gym East (BF)
 - Gym East (DF)
 - Commons North
 - Commons South
 - Kitchen 3 comp (Left)
 - Kitchen 3 comp (Right)
 - Kitchen Dish Rm 1 comp
 - Kitchen Dish Rm Sprayer
 - Bandroom
 - East Fountain NE Corner(DF)
 - East Fountain NE Corner (BF)
 - West Fountain NE Corner

- Hall by 106
- Hall by Staff Room
- Sherburn Elementary
 - Kitchen(2 comp)
 - Faculty Lounge
 - Hall Outside #13 (DF)
 - Hall Outside #13 (BF)
 - Hall by #2 (DF)
 - Hall by #2 (BF)
 - Office Storage
 - Office Copy Room
 - West Gym (DF)
- Sherburn High School
 - Kitchen 3 Compartment
 - Kitchen Kettle filler
 - Outside Main Off. (DF)
 - Outside Main Off. (BF)
 - Room 5
 - Art Single
 - RM 10 Kitchen #1 Near Door
 - RM 10 Ktichen #2 SW Corner
 - RM 10 Ktichen #3 SE Corner
 - RM 10 Ktichen #4
 - RM 10 Kitchen #4 Drinking
 - Hall by 12 (DF) Flush
 - Hall by 12 (BF) Flush
 - Outside 1A (DF)
 - Hall by 19 (bf)
 - Hall by 19(df)



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: DRINKING WATER (41520) Account #: 38180 Client: MCW High School

Timothy Harbo MCW Public School 105 E 5th St Sherburn, MN 56171

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

Plll

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.



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Workorder:	DRINKING WATER	(41520)	Clie	nt:	MCW High Schoo	I	
Analytical F	Results						
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520001 HS-1 (C): Woodshop Fountain	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		13.8	ug/L	15	EPA 200.8	02/29/2024 11:03	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520002 HS-2 (C): Ag Shop (DF)	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		38.4	ug/L	15	EPA 200.8	02/29/2024 11:04	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520003 HS-6 (C): Kitchen 2 Compartment	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		5.90	ug/L	15	EPA 200.8	02/29/2024 11:05	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520004 HS-7 (C): Kitchen Kettle Filler	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		21.9	ug/L	15	EPA 200.8	02/29/2024 11:06	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520005 HS-8 (C): Outside Main Off. (DF)	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:14	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520006 HS-9 (C): Outside Main Off.(BF)	Date Collected: Date Received:	02/24/2024 05 02/26/2024 09	:00 :40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:15	



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Workorder:	DRINKING WATER	R (41520)	CI	ient:	MCW High Schoo	ol	
Analytical	Results						
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520007 HS-10 t (C): Room 5	Date Collected: Date Received:	02/24/2024 02/26/2024	05:00 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		3.24	ug/L	15	EPA 200.8	02/29/2024 11:16	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520008 HS-11 t (C): Art Single	Date Collected: Date Received:	02/24/2024 02/26/2024	05:00 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		2.05	ug/L	15	EPA 200.8	02/29/2024 11:17	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520009 HS-12 t (C): RM 10 Kitchen #1 New	Date Collected: Date Received: Door	02/24/2024 02/26/2024	05:00 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		3.33	ug/L	15	EPA 200.8	02/29/2024 11:18	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520010 HS-13 t (C): RM 10 Kitchen #2 SW C	Date Collected: Date Received: Corner	02/24/2024 02/26/2024	05:00 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:19	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520011 HS-14 t (C): RM 10 Kitchen #3 SE C	Date Collected: Date Received:	02/24/2024 02/26/2024	05:00 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:21	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520012 HS-15 t (C): RM 10 Kitchen #4	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:22	

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Analytical Results Units V2/24/2024 (05:2) Matrix: Potable Water Sample Dos: Hall by 12 (DF) Date Received: 02/24/2024 (05:2) Matrix: Potable Water Qual Lead 4.05 20014 Date Received: 02/24/2024 (05:2) Matrix: Potable Water Qual Lead 4.05 0014 Date Collected: 02/24/2024 (05:2) Matrix: Potable Water Qual Sample Dos: H31 by 12 (DF) Date Collected: 02/24/2024 (05:2) Matrix: Potable Water Qual Sample Dos: H31 by 12 (DF) Date Collected: 02/24/2024 (05:2) Matrix: Potable Water Qual Lead -0.5 ug/L 15 EPA 200.8 02/29/2024 11:24 Qual Lead -0.5 ug/L 15 EPA 200.8 02/29/2024 11:24 Qual Lab ID: 41520015 Date Collected: 02/24/2024 05:20 Matrix: Potable Water Qual Lead 0.67 ug/L	Workorder:	DRINKING WATER	R (41520)	Cli	ent:	MCW High Schoo	bl	
Lab Parametric HS-16 Date Collected: O2/24/2024 US-2/ Matrix Petable Water Matrix Petable Water Quality Quality Matrix Petable Water Quality Quality Matrix Petable Water Quality Quality Quality Petable Quality Quality Petable Quality Qual	Analytical	Results						
Parameter Lead Results Units MCL Method Analyzed Qual Q2292024 112.3 Lad -0.5 ugL 15 EPA 20.8 0.2292024 112.3 Lab 15.20014 Sample Des: HS-17 (C): Sample Des: Date Collected: 0.2247024 05.20 02287024 09.40 Matrix: Polable Water Q2297024 112.4 Parameter Lead -0.5 ugL MCL Method Analyzed Q2097024 112.4 Lab ID: Sample Des: 1452015 Date Collected: -0.5 0.2247024 05.20 0.041616 1A (OF) Matrix: Polable Water Q2297024 112.4 Parameter Lead 1520016 Date Collected: 0.045016 1A (OF) Date Collected: 0.045016 1A (OF) 0.2247024 05.20 0.02507024 09.40 Matrix: Polable Water Q29702024 113.6 Parameter Lead 1452016 Date Collected: 0.67 0.2247024 05.20 0.22670202 09.40 Matrix: Polable Water Q29702024 113.6 Parameter Lead 1452016 Date Collected: 0.45 0.2247024 05.20 0.22670202 09.40 Matrix: Polable Water Q29702024 113.6 Parameter Lead 1452017 Bate Collected: 8.11 UgL 15 Matrix: Polable Water Parameter Lead 1452017 Bate Collected: 8.11 Q2247024 05.20 0.2247024 05.20 Matrix: Polable Water Q229	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520013 HS-16 t (C): Hall by 12 (DF)	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Lead <	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lab ID: Sample ID: HS-17 Temp @ Receipt (C): Sample Des: Hall by 12 (BF) Date Collected: Date Received: -0.5 02/24/2024 05:20 ug/L Matrix: For bable Water Potable Water Qual Parameter Lead Kesults Units MCL Method Analyzed Qual Lab ID: Sample Des: Sample Des: Sample Des: Outside 1A (DF) Date Collected: Date Received: 0.457 Date Collected: Date Received: 0.2726/2024 09:40 02/24/2024 05:20 02/26/2024 09:40 Matrix: Potable Water Qual Lab ID: Sample Des: Sample Des: Outside 1A (DF) Date Collected: 0.67 02/24/2024 05:20 Ug/L Matrix: Potable Water Qual Lead 41520016 HS-19 Date Collected: 0.67 02/24/2024 05:20 Ug/L Matrix: Potable Water Qual Lead 41520016 HS-19 Date Collected: 0.67 02/24/2024 05:20 Ug/L Matrix: Potable Water Qual Lead 41520016 HS-19 Date Collected: 0.11 02/24/2024 05:20 Ug/L Matrix: Potable Water Qual Lead 41520017 HS-20 Date Collected: 0.2026/2024 09:40 02/24/2024 05:20 Ug/26/2024 09:40 Matrix: Potable Water Lead 41520017 HS-20 Date Collected: 0.9 02/24/2024 05:20 Ug/26/2024 09:40	Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:23	
Parameter LeadResults <0.5Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:24QualLab ID: Sample Desc: Erence Results (C): Sample Desc: Lead41520015 Date Received: 0.6702/24/2024 05:20 Ug/LMatrix: EPA 200.8Potable WaterQualParameter Lead41520016 Date Received: 0.67Units Ug/LMCL 15Method EPA 200.8Analyzed 0.2/29/2024 11:36QualLab ID: Sample Desc: Sample Desc: 2A by DoorAfs20016 Date Received: 0.6702/24/2024 05:20 Ug/LMatrix: Date Received: 0.2/26/2024 05:20Matrix: Potable WaterAnalyzed 0.2/29/2024 11:36QualLab ID: Sample Desc: Sample Desc: Sample Desc: Metrix:41520017 HS-20 Date Received:Date Collected: 0.2/24/2024 05:20Matrix: D2/24/2024 05:20Matrix: Potable WaterPotable WaterParameter Lead41520017 HS-20Date Collected: Date Received:02/24/2024 05:20 Date Received:Matrix: D2/24/2024 05:20Matrix: Date Received:Potable WaterParameter Lead41520017 HS-20Date Collected: Date Received:02/24/2024 05:20 Date Received:Matrix: D2/24/2024 05:20Matrix: D2/24/2024 05:20Matrix: Date Received:Analyzed D2/29/2024 11:37QualLab ID: Sample Desc: Media Center41520017 HS-20Date Received: Date Received:McL D2/24/2024 05:20Matrix: MethodAnalyzed D2/29/2024 11:30QualLab ID: Sample Desc: HS-2141	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520014 HS-17 t (C): Hall by 12 (BF)	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Lead<0.5	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lab ID: Sample ID: Term @ Receipt (C): Sample Desc: Outside 1A (DF)Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: Potable WaterPotable WaterParameter LeadResults 0.67Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:36QualLab ID: sample Desc: 2 data4152016 0.67Date Collected: 0.6702/24/2024 05:20 02/26/2024 09:40Matrix: Fotable WaterPotable WaterParameter Lead4152016 0.67Date Collected: 0.6702/24/2024 05:20 02/26/2024 09:40Matrix: Potable WaterPotable WaterParameter LeadResults 8.11Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:37QualLab ID: sample Desc: Sample Desc: Media CenterDate Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: Fotable WaterPotable WaterLab ID: sample Desc: Media CenterPate Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: Potable WaterPotable WaterParameter LeadResultsUnits 02/26/2024 09:40Method EPA 200.8Analyzed 02/29/2024 11:33QualLab ID: sample Desc: Media CenterAts 20 10.9Date Collected: 02/24/2024 05:20 02/26/2024 09:40Matrix: Potable WaterPotable WaterParameter LeadResultsUnits 02/26/2024 09:40McL 02/26/2024 09:40Method ClasAnalyzed 02/29/2024 11:33QualLab ID: Lead<	Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:24	
Parameter LeadResults 0.67Units ug/LMCL 15Method EPA 20.8Analyzed 0.2/29/2024 11:36QualLab ID: Sample ID: HS-19 erm @ Receipt (C): Sample Desc: 2A by DoorDate Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: Fotable WaterPotable WaterQualParameter LeadKab ID: HS-20 Tem @ Receipt (C): Sample Desc:Results A11Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:37QualLab ID: Sample Desc: Media CenterA1520017 Date Received:Date Collected: 02/26/2024 05:20 02/26/2024 05:20 02/26/2024 05:20Matrix: Fotable WaterPotable WaterQualLab ID: Lead41520017 HS-20 Tem @ Receipt (C): Sample Desc: Media CenterResults 10.9Units Ug/LMcL 15Method EPA 200.8Analyzed 02/29/2024 11:36QualLab ID: Ead41520018 HS-21 Tem @ Receipt (C): Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: HS-21 HS-21 HS-21 Tem @ Receipt (C): Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: HS-21Date Collected: Ug/L02/24/2024 05:20 Ug/LMatrix: HS-20 D2/29/2024 11:38QualLab ID: Sample Desc: HS-21 Tem @ Receipt (C): Sample Desc: Hall by 19 (BF)Date Received: Date Received: Ug/L02/24/2024 05:20 UG/LMatrix: HS-20 D2/26/2024 US-20 UG/LPotable Water<	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520015 HS-18 t (C): Outside 1A (DF)	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Lead0.67ug/L15EPA 200.802/29/2024 11:36Lab ID: Sample Des: Emp @ Receipt (C): Sample Des: 2 A by DoorDate Collected: Date Received: 8.1102/24/2024 05:20 Ug/LMatrix: Potable WaterPotable WaterParameter LeadX by DoorResults 8.11Units Ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:37Qual QualLab ID: Sample Des: HS-20 Temp @ Receipt (C): Sample Des: Media CenterDate Collected: Date Received: Date Received: 02/26/2024 09:40Method EPA 200.8Analyzed 02/29/2024 11:37Qual QualLab ID: Media CenterHS-20 	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lab ID:41520016 Sample ID:Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix:Potable WaterTemp @ Receipt (C): 	Lead		0.67	ug/L	15	EPA 200.8	02/29/2024 11:36	
Parameter LeadResults 8.11Units ug/LMCL 15Method EPA 20.8Analyzed 02/29/2024 11:37QualLab ID: Sample DE: Temp @ Receipt (C): Sample Des:41520017 HS-20Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:35Matrix: Potable WaterPotable WaterJobParameter LeadKesults 10.9Units ug/LMCL 15Method EPA 20.8Analyzed 02/29/2024 11:30QualLab ID: sample Des: Sample Des: Sample Des: Hal by 19 (BF)Date Collected: Date Received: Ug/L02/24/2024 05:20 02/26/2024 09:35Method EPA 20.8Analyzed 02/29/2024 11:38QualLab ID: sample Des: Sample Des: Hall by 19 (BF)Date Collected: Date Received: Date Received: Network02/24/2024 05:20 02/26/2024 09:35Matrix: NetworkPotable WaterValParameter LeadMati by 19 (BF)Bate Collected: Date Received: Notable NetworkMethod NetworkAnalyzed NetworkQualParameter LeadMati by 19 (BF)ResultsDate Received: NetworkMatrix: NetworkPotable WaterValParameter LeadMati by 19 (BF)ResultsNuitsMCLMethodAnalyzed NetworkQual	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520016 HS-19 t (C): 2A by Door	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Lead8.11ug/L15EPA 200.802/29/2024 11:37Lab ID: Sample ID: Temp @ Receipt (C): Sample Desc: Media CenterDate Collected: Date Received:02/24/2024 05:20 O2/26/2024 09:40Matrix: Potable WaterPotable WaterParameter LeadResults 10.9Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:38QualLab ID: sample Desc: Matrix:41520018 HS-21 Emp @ Receipt (C): Sample Desc:Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: Matrix:Potable WaterQualLab ID: sample Desc: HS-21 Emp @ Receipt (C): Sample Desc:Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix: 	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lab ID:41520017 HS-20Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix:Potable WaterTemp @ Receipt (C): Sample Desc:Media CenterParameterResultsUnitsMCL ug/LMethodAnalyzed 02/29/2024 11:38QualLead10.9ug/L15EPA 200.802/29/2024 11:38QualLab ID: Sample ID:41520018 HS-21 Temp @ Receipt (C): Sample Desc:Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix:Potable WaterParameterEPA 200.802/29/2024 11:3802/29/2024 11:38QualLab ID: Sample Desc:41520018 HS-21 Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix:Potable WaterParameterEReceived:02/26/2024 09:4002/28/2024 09:40Matrix:QualLab ID: Sample Desc:Hall by 19 (BF)ResultsUnitsMCLMethodAnalyzedQual	Lead		8.11	ug/L	15	EPA 200.8	02/29/2024 11:37	
Parameter LeadResults 10.9Units ug/LMCL 15Method EPA 200.8Analyzed 02/29/2024 11:38QualLab ID: Sample ID: Temp @ Receiver Sample Desc:41520018 HS-21 Hall by 19 (BF)Date Collected: Date Received:02/24/2024 05:-V 02/26/2024 02:-VMatrix: Potable WaterPotable WaterVParameterKesultsNetsMCLMethodAnalyzedQual	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520017 HS-20 t (C): Media Center	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
Lead10.9ug/L15EPA 200.802/29/2024 11:38Lab ID:41520018A1520018Date Collected: Date Received:02/24/2024 05:20 02/26/2024 09:40Matrix:Potable WaterSample ID:HS-21HS-21Date Received: 02/26/2024 09:4002/26/2024 09:40Matrix:Potable WaterTemp @ Receipt (C): Sample Desc:Hall by 19 (BF)ResultsUnitsMCLMethodAnalyzedQual	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lab ID: 41520018 Date Collected: 02/24/2024 05:20 Matrix: Potable Water Sample ID: HS-21 Date Received: 02/26/2024 09:40 Matrix: Potable Water Temp @ Receipt (C): Sample Desc: Hall by 19 (BF) Results Units MCL Method Analyzed Qual	Lead		10.9	ug/L	15	EPA 200.8	02/29/2024 11:38	
Parameter Results Units MCL Method Analyzed Qual	Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520018 HS-21 t (C): Hall by 19 (BF)	Date Collected: Date Received:	02/24/2024 02/26/2024	05:20 09:40	Matrix:	Potable Water	
	Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead <0.5 ug/L 15 EPA 200.8 02/29/2024 11:39	Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:39	



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Workorder:	DRINKING WATER	ING WATER (41520) Client:		nt: N	/ICW High Schoo	I	
Analytical	Results						
Lab ID: Sample ID: Temp @ Receip Sample Desc:	41520019 HS-22 t (C): Hall by 19 (DF)	Date Collected: Date Received:	02/24/2024 05:: 02/26/2024 09:	20 40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:40	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	41520020 HS-23 t (C): RM 10 Kitchen #4 Drinki	Date Collected: Date Received:	02/24/2024 05:: 02/26/2024 09:	20 40	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	02/29/2024 11:41	

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Workorder: DRINKING WATER (41520)

Client: MCW High School

Minnesota Valley Testing Laboratories, Inc. 1126 North Front Street, Building 2 New Ulm, MN 56073 Phone: (507) 354-8517 Toll Free: (800) 782-3557 Fax: (507) 359-2890 Company Name and Address: MCL) Public Schurch 105 E 54 34 Shurbur, MN 56/71 Account #: 03 91 §0 Phone #: Billing Address (indicate if different from above):			MCW H W0: 41	igh Scho 520 Contact (R Name of S 2-44 Hose iber	ol eport to): amplers: *50	Chain of Custody Record Page <u>1</u> of <u>2</u> Work Order # Email: +: mo thy harbo @ gmail.com Date Submitted:				
				F	roject Nan	ie/Number.	Pur	chase ord	er#:	
	Transferred by:	Dat	e:	Time:	Sample (Condition:	Received by:	Date:	Time:	Temp:
1. 1.	n low the						John Kregen	26reb24	9:40	16.00
Comments:			Sa	ample Info	AmB	852	ofeb21 0940	16.0° TM94,	Tm /	.94)
Lab Use Only Lab #	Sample ID	Sample	Type	Date Sampled	Time Sampled	Number of Bottles		Analysis		
	1-HS- Woodshop Fountain	1 July	r	2/24/24	5:00 AM	1		lead		
	2-HS- An Shop (DF)	1						1		
	6-45-Kitchen & Compartment							-		
	7 - HS - Kitcher Kettle Filler									
	8-HS-Outside Man Off. (DF)									
	9-HS-Outside Main Ofe (BF)									
	10-HS - Room 5									
	11-HS- Art Simle									
	12-HS- PMID Kitching HI New Door									
	13-HS DM 10 HALL HZ SW COTWIC)				
	14-HS - RM 10 Killy 42 SE Com							1		
Enclosed are yo regarding indivi customer servio a new sample.	our containers for your sampling event. Completely fill ar idual parameter holding times, chemical and thermal pre- ce at 1-800-782-3557. If samples show signs of contamin	nd label con servation ar nation, inad	tainers a nd sampl equate p	ppropriately fo e volumes ple reservation or	or the analyses ease refer to ou are in any way	to be conduct r sample pres r compromised	ed. Complete chain of cus ervation guide on our web I you will be contacted as	stody and submit site at www.mvtl.o to whether to pro	with samples. com or by cor ceed with ana	For questions tacting lysis or submit
	# 40 00000 F	Please s	submit	the top tw	o copies wi	th your sa	nples.	F #		0004

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Workorder: DRINKING WATER (41520)

Client: MCW High School

Transferred by:	Date:		Quote Num	10 m sur	>				
Transferred by:	Date:		Quote Num						
Transferred by:	Date:		P	Quote Number Project Name/Number:			Date Submitted: Purchase Order #:		
	Date.	Time:	Sample (ondition:	Received by:	Date:	Time:	Temp:	
		Time.	Sample C	Somation.	Total lies	26Fcb24	9:40	16,00	
	Sa	ample Info	ormation					1	
Sample ID	Sample Type	Date Sampled	Time Sampled	Number of Bottles		Analysis			
- HS-RM 10 Kitchen #4	Wite	2/21/24	5:20am	1	La	rad			
HS-Hall by 12 (DF)									
HS- Hull by 12 (DF)									
-HS-2A L Drol									
-HS - Media Certer									
-HS-Hall by 19(bF)									
-HS-Hall by 19 (df)									
-HS-RM 10 Bilden HY Drinking									
/									
ntainers for your sampling event. Completely fill an arameter holding times, chemical and thermal pres 1-800-782-3557. If samples show signs of contamir	Id label containers a servation and sample nation, inadequate p	appropriately file le volumes ple preservation or	or the analyses ease refer to ou r are in any way	to be conducte r sample preser compromised	d. Complete chain of cus vation guide on our web you will be contacted as	stody and submit site at www.mvtl to whether to pro	with samples com or by cor oceed with ana	. For questions ntacting ilysis or submit	
	Sample ID - US - RM 10 K1640 & 4 H5 - Hall b, 12 (DF) H5 - Hall b, 12 (BF) - H5 - Outside 1A (DF) - H5 - Outside 1A (DF) - H5 - Mail by 19 (DF) - H5 - Hall by 19 (DF) - H5 - Hall by 19 (DF) - H5 - Hall by 19 (DF) - H5 - RM 10 Kilden #4 Drinken ntainers for your sampling event. Completely III ar arameter holding times, chemical and thermal pre- -800-782-3557. If samples show signs of contamin -800-782-3557. If samples show signs of contamin -800-782-3557.	Sample ID Sample ID Sample Type US-RM 10 Kithun & 4 HS - Hull b, 12 (DF) HS - Hull b, 12 (BF) -HS - Outstell IA (DF) -HS - Outstell IA (DF) -HS - Aut by 19 (CbF) -HS - Haut by 19 (CbF) -HS - Haut by 19 (CbF) -HS - Haut by 19 (CbF) -HS - Kall by 19 (CbF) -HS	Sample ID Sample Type Sample ID Sample Type IS - RM /0 Kifikin # Y Window HS - RM /0 Kifikin # Y Window HS - Hull IS 10 (DF) Intervention HS - Hull IS 12 (BF) Intervention HS - Outsche IA (DF) Intervention HS - Mull IS 12 (BF) Intervention HS - Mull IS 10 (DF) Intervention HS - Mull IS 10 (DF) Intervention HS - Mull IS 10 (DF) Intervention HS - Hull IS 19 (DF) Intervention HS - Mull IS 19 (DF) Intervention HS - Mull IS 19 (DF) Intervention HS - Mull IS 19 (DF) Intervention HS - RM 10 Isilden #Y Drinkm Intervention HS - RM 10 Isilden #Y Drinkm Intervention -800-782-3557. If samples show signs of contamination, inadequate preservation of Please submit the top for 90008-5 See above for I	Sample Information Sample ID Sample Type Sampled Sampled $15 - Rm$ /p 1/5/4/m 4/9 W-W $2M/2H$ 5:2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/	Sample Information Sample ID Sample Type Sampled Sampled Number of Bottles 15.9-RM 10 Kithin # 4 Winter Amale 4 Simpled Bottles 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 12 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 15 - Hull 5, 19 (DF) I I I I 145 - Hull 5, 19 (DF) I I I I 15 - Hull 5, 19 (DF) I I </td <td>Sample Information Sample ID Sample Type Sampled Sampled Number of Bottles IS-RM 10 Kithin # 4 Wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww</td> <td>Sample Information Sample ID Sample Type Sampled Sampled Sampled Bottles Analysis US-RM 10 10 10 10 10 10 10 10 10 10 10 10 10</td> <td>Sample Information Sample ID Sample Type Sampled Number of Bottles Analysis IS-RM 10 Kitchen & Y Wmbr Applot S: Down L Lowd HS-RM 10 Kitchen & Y Wmbr Applot S: Down L Lowd HS-LMUL 5: 12 (DF) I I L Lowd HS-LMUL 1: 2 (BF) I I I L HS-Dut Sub IA (DF) I I I I HS-Multing (DF) I I I I I I HS-</td>	Sample Information Sample ID Sample Type Sampled Sampled Number of Bottles IS-RM 10 Kithin # 4 Wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww	Sample Information Sample ID Sample Type Sampled Sampled Sampled Bottles Analysis US-RM 10 10 10 10 10 10 10 10 10 10 10 10 10	Sample Information Sample ID Sample Type Sampled Number of Bottles Analysis IS-RM 10 Kitchen & Y Wmbr Applot S: Down L Lowd HS-RM 10 Kitchen & Y Wmbr Applot S: Down L Lowd HS-LMUL 5: 12 (DF) I I L Lowd HS-LMUL 1: 2 (BF) I I I L HS-Dut Sub IA (DF) I I I I HS-Multing (DF) I I I I I I HS-	



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Workorder: DRINKING WATER (41520)

Client: MCW High School

	· · · · K	AM	
2105024	Time: 0940	PM By: 53	
A CHEDAT	- HS	Account# 0318 03818	'Ò
ount Name: MCW PUDUC SCHOO		Gooler #:	÷ .
of Lading #:	_		
remp: //a. 0 °C	ROI 🗆 ,	Amblent X Tracking #:	•
TN#: 941	Ice Crystals Present in Sample 🗌		x
		Other:	4 · ·
iL Courier:		FedEx Air	SpeeDee
L Route:	Walk-in 🗶	Ground Fed Ex Ground	
		lied containers as "Other" in container size column	
ainers Supplied by MVTL: Yes 🔀			
ments:	Container Type	Preservation	рН
nber (100) (120) (125) (250) (290) (500) (1000) Oth	(G) (P) (AG) (AP) I	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (280) (500) (1000) Oth	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (300) (1000) 011		NaHSO, NanOnS, NONE HNO, H2SO, NaOH HCI SUB*	<2 >9 >12 N/A Add
 (100) (120) (125) (250) (290) (500) (1000) Oth 	(G) (P) (AG) (AF)	NEUCO NO S NONE HNO. H-SO, NAOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Oth	(G) (P) (AG) (AP)		2 2 2 212 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Oth	(G) (P) (AG) (AP) I	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HC SOB	
(100) (120) (125) (250) (290) (500) (1000) Oth	(G) (P) (AG) (AP) I	$NaHSO_4 Na_2O_3S_2 NONE HNO_3 H_2SO_4 NaOH HCI SUB*$	<2 >9 >12 N/A Add
Low Level Mercury Kit	**	IIDO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOD	TLESII** <u>, .</u>
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	HCI H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCI H ₃ PO ₄ H ₂ SO ₄ None	n/a
Trip Blank Individual Set of 2 Set of 3		n/a	
Moisture VIal		n/a	~
Manure Bottle		n/a	

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: Thursday, February 29, 2024 4:28:46 PM

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Workorder: High School (44035) Account #: 38180 Client: MCW High School

Timothy Harbo MCW Public School 105 E 5th St Sherburn, MN 56171

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:

alle

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:	High School (44035)		Client:		MCW High Schoo	l	
Analytical	Results						
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	44035001 t (C): 1-HS-Kitchen 2 Compar	Date Collected: Date Received: tment	03/28/2024 05: 03/28/2024 08:	50 41	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		3.34	ug/L	15	EPA 200.8	04/09/2024 12:30	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	44035002 t (C): 2-HS-Kitchen Kettle Fille	Date Collected: Date Received:	03/28/2024 05: 03/28/2024 08:	50 41	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		18.4	ug/L	15	EPA 200.8	04/09/2024 12:31	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	44035003 t (C): 3-HS-Kitchen 2 Compar	Date Collected: Date Received: tment Flush	03/28/2024 05: 03/28/2024 08:	50 41	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	04/09/2024 12:32	
Lab ID: Sample ID: Temp @ Receipt Sample Desc:	44035004 t (C): 4-HS-Kitchen Kettle Fille	Date Collected: Date Received: er Flush	03/28/2024 05: 03/28/2024 08:	50 41	Matrix:	Potable Water	
Parameter		Results	Units	MCL	Method	Analyzed	Qual
Lead		<0.5	ug/L	15	EPA 200.8	04/09/2024 12:33	

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: High School (44035)

Client: MCW High School

Toll Free: Company Ni McW IOS Sluc Account #: Billing Addr	Minnesota Valley Testing La 1126 North Front Street, Bui New Ulm, MN 56073 Phone: (507) 354-8517 : (800) 782-3557 Fax: (507) 359-2890 ame and Address: Rubic Schwal E 5 th 5 ^t , Lucn, MM 5 th 171 03 { 180 [Phone #: 5 th 3-357] ess (Indicate if different from above):	boratories, lı lding 2 ४५१४	nc.		High Scho 4035 Contact (Re Mame of Sa im Hur	ol port to): amplers: 4-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Chain of Page Work Ord Email:	f Custody	r Record
				P	roject Name	e/Number:	Pu	rchase Orde	er #:
				Hruh	Sahoul		14	Sindoo orun	
	Transferred by:	Date:	Time:	Sample (Condition:	Received by:	Date:	Time:	Temp:
1.	- " Harro			A	MB	B2 2	D& Marth	8.419	155
2.	, , , , , , , , , , , , , , , , , , , ,						Gradity		TIMGUI
Comments:	٩.	• • •	i	Am	IB 53	28MAR 24	8:41~1	5.5° m941	
		Sa	ample Info	ormation					
Lab Use Only Lab #	Sample ID	Sample Type	Date Sampled	Time Sampled	Number of Bottles		Analysis		
100	1-HC-Kitchen 2 Course Aunal	What	368/24	5:50	1	1	lod		
225	2-45 Kitcher Kettle Filler 3-45 - Kitcher & Compartment Flush 4-45 - Kitcher Kettle filler Flush								
Enclosed are yo regarding individ customer servic a new sample.	our containers for your sampling avent. Completely fill ar dual parameter holding times, chemical and thermal pre e at 1-800-782-3557. If samples show signs of contami	nd label containers a servation and sampl nation, inadequate p	ppropriately fo e volumes ple reservation or	or the analyses base refer to ou are in any way	to be conducte r sample presei compromised	d. Complete chain of cus rvation guide on our webs you will be contacted as t	tody and submit ite at www.mvtl o whether to pro	t with samples. .com or by con oceed with anal	For questions acting ysis or submit
Form #	ŧ 10-90008-5	Please submit	the top tw above for p	o copies wi	ith your sam r	nples.	Effective	Date: 25 Ja	n 2021



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Workorder: High School (44035)

Client: MCW High School

te; 28MAR24	Time: 8:41	⊠AM• □ PM <u>By: 53</u>	
count Name: New Ulm Public Sch	2100	Account # 0 58 18 0	
Temp: 15.5.°C	ROI	Amblent 🗹 Tracking #:	
тм#:9ч	Ice Crystals Present In Sample		
/TL Courler:	Walk-In 📶 Mall 🛄 Designate customer s	Other: UPS AIr FedEx AIr UPS Ground Fed Ex Ground upplied containers as "Other" in container size column	SpeeDee 🗌 .
ntalners Supplied by MVTL: 183 K		Dreservation	На
mber Containers Size (mL)	.: Container Type	NoUSO Na-O-S- NONE HNO2 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	Nanso4, Na20302 NONE HNO H SO, NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO4 Na20352 NONE HNO3 H2004 Nach Hal SUB	2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO4 Na2O352 NONE HNO3 H2SO4 NaOH HC SOB	2 10 112 N/A Add
 (100) (120) (125) (250) (290) (500) (1000) Other 	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO4 Na2O3S2 NONE HNO3 H2SO4 NaOH HCI SUB*	<2 >9 >12 N/A Add
		IIDO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOT	rLESII
	Clear Amber	MeOH None	n/a
4 oz Jar	Clear Amber	. MeOH None	n/a
2 oz Jar Viele Individual Set of 2 Set of 3	Clear Amber	HCI H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCI . H ₃ PO ₄ H ₂ SO ₄ None	n/a
Trip Blank Individual Set of 2 Set of 3		n/a	
Molsture Vlal		n/a	
Manure Bottle		n/a	



16 W 5TH ST

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Report Date: 30 Aug 2022

Work Order #: 12-14529 Account #: 038180

Date Received: 19 Aug 2022 Date Sampled: 19 Aug 2022 Temperature at Receipt: AMBIENT

PROJECT NAME: SHERBURN ELEM.

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A43364	1-SE KITCHEN (2 COMP)-FD	9.09 ug/L	15.0	29 Aug 22	KAM
22-A43365	2-SE KITCHEN (2 COMP)-FLUSH	0.96 ug/L	15.0	29 Aug 22	KAM

Approved by: Q Dan O'Connell David Smahel Chemistry Laboratory Managers New Ulm, MN

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

The reporting limit was elevated for any analyte requiring a dilution as coded below: @ = Due to sample matrix ! = Due to sample quantity 25 ND WW/DW # R-040 # = Due to concentration of other analytes
+ = Due to internal standard response CERTIFICATION: MN LAB # 027-015-125



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MEMBER

TIM HARBO MARTIN CO WEST SCHOOLS 16 W 5TH ST SHERBURN MN 56171

Report Date: 30 Aug 2022

Work Order #: 12-14528 Account #: 038180

Date Received: 19 Aug 2022 Date Sampled: 19 Aug 2022 Time Sampled: 8:00 Temperature at Receipt: AMBIENT

PROJECT NAME: TRIMONT ELEM.

-

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A43354	1-TE-COMMONS (DF) 1ST DRAW	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43355	2-TE-COMMONS (BF) 1ST DRAW	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43356	3-TE-NEW (DF) HALL NE CORNER 1ST	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43357	4-TE-NEW (BF) HALL NE CORNER 1ST	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43358	5-TE-HALL BY STAFF ROOM-1ST DRAW	5.81 ug/L	15.0	29 Aug 22	KAM
22-A43359	6-TE-COMMONS (DF) FLUSH	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43360	7-TE-COMMONS (BF) FLUSH	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43361	8-TE-NEW (DF) HALL NE CORNER FLUSH	< 0.5 ug/L	15.0	29 בער 22	KAM
22-A43362	9-TE-NEW (BF) HALL NE CORNER FLUSH	< 0.5 ug/L	15.0	29 Aug 22	KAM
22-A43363	10-TE-HALL BY STAFF ROOM FLUSH	1.12 ug/L	15.0	29 Aug 22	KAM

Approved by: R Dan O'Connell

200

David Smahel Chemistry Laboratory Managers New Ulm, MN

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

The	reporting	limi	t was	elevated	for 0 =	any Due	analyte i to sample	requiring e matrix	a dilution	as	codec = Du	bel e to	ow: concentratio	n of othe	r analytes
CER	TIFICATION:	: MN	LAB #	027-015-1	125	NE	D WW/DW #	R-040	,	•	⊢ = Du	e to	internal sta	ndard resp	ponse

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Report Date: 10 Jun 2022

Work Order #: 12-10261 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 6:30 Temperature at Receipt: 4.2C

PROJECT NAME: SHERBURN ELEM

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26336	1-SE OUTSIDE KITCHEN (DF)	10 1			
22-A26337	2-SE KITCHEN (2 COMP)	19.4 ug/L	15.0	7 Jun 22	KAM
22 326220	2 07 7	5.63 ug/L	15.0	7 Jun 22	KAM
22-A26338	3-SE POOL	21.2 ug/L	15.0	7 Jun 22	KAM
22-A26339	4-SE FACULTY LOUNGE	1.70 ug/I	15 0	7 Ture 0.0	
22-A26340	5-SE KINDERGARTEN (S)		10.0	7 Jun 22	КАМ
22-A26341	6-SE RM 12 (DF)	9.34 ug/L	15.0	7 Jun 22	KAM
22-726242		28.6 ug/L	15.0	7 Jun 22	KAM
22-A26342	/-SE RM 12 (S)	5.82 ug/L	15.0	7 Jun 22	KAM
22-A26343	8-SE HALL OUTSIDE #13 (DF)	< 0.5 uc/t	15 0	7	
22-A26344	9-SE HALL OUTSIDE #13 (BF)	< 0.5 ug/L	15.0	/ Jun 22	KAM
22-A26345	10-SE RM 13 (DF)	< 0.5 ug/L	15.0	7 Jun 22	KAM
		12.9 ug/L	15.0	7 Jun 22	KAM

Approved by: P Dan O'Connell David Smahel

Chemistry Laboratory Managers New Ulm, MN

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

 @ = Due to sample matrix
 # = Due to concentration of other analytes

 ! = Due to sample quantity
 # = Due to concentration of other analytes

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

 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

MIVTL

TIM HARBO

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ACIL

Report Date: 10 Jun 2022

Work Order #: 12-10261 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 6:30 Temperature at Receipt: 4.2C

PROJECT NAME: SHERBURN ELEM

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26346	11-SE RM 13 (S)	63.7 ug/L	15.0	7 Jun 22	KAM
22-A26347	12-SE RM 14 (S)	40.8 ug/L	15.0	7 Jun 22	KAM
22-A26348	13-SE RM 15 (DF)	22.0 ug/L	15.0	7 Jun 22	KAM
22-A26349	14-SE RM 15 (S)	20.5 ug/L	15.0	7 Jun 22	KAM
22-A26350	15-SE RM 16 (DF)	23.8 ug/L	15.0	7 Jun 22	KAM
22-A26351	16-SE RM 16 (S)	50.5 ug/L	15.0	7 Jun 22	KAM
22-A26352	17-SE RM 7	14.8 ug/L	15.0	7 Jun 22	KAM
22-A26353	18-SE ART ROOM	4.72 ug/L	15.0	7 Jun 22	KAM
22-A26354	19-SE RM 5 (DF)	21.3 ug/L	15.0	7 Jun 22	KAM
22-A26355	20-SE RM 5 (S)	2.35 ug/L	15.0	7 Jun 22	KAM

Approved by: P

 Dan O'Connell
 David Smahel

 Chemistry Laboratory Managers
 New Ulm, MN

 Page:
 2

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

 The reporting limit was elevated for any analyte requiring a dilution as coded below:

 @ = Due to sample matrix
 # = Due to concentration of other analytes

 ! = Due to sample quantity
 + = Due to internal standard response

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



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Report Date: 10 Jun 2022

Work Order #: 12-10261 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 6:50 Temperature at Receipt: 4.2C

PROJECT NAME: SHERBURN ELEM

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26356	21-SE RM 4 (DF)				
22-A26357	22-SE RM 4 (S)	16.7 ug/L	15.0	9 Jun 22	KAM
		4.62 ug/L	15.0	7 Jun 22	KAM
22-A26358	23-SE RM 3 (DF)	19.6 ug/L	15.0	7 Jun 22	KAM
22-A26359	24-SE RM 3 (S)	21.4 ug/L	15.0	22 מנוד 7	КЛМ
22-A26360	25-SE RM 2 (DF)			, 0411 22	NAM
22-A26361	26-SE RM 2 (S)	50.4 ug/L	15.0	7 Jun 22	KAM
		10.2 ug/L	15.0	7 Jun 22	KAM
22-A26362	27-SE HALL BY #2 (DF)	< 0.5 ug/L	15.0	7 Jun 22	KAM
22-A26363	28-SE HALL BY #2 (BF)	< 0.5 ug/L	15.0	22 מנול 7	KVW
22-A26364	29-SE MUSIC RM 1 (DF)				
22-A26365	30-SE MUSIC RM 1 (S)	13.5 ug/L	15.0	7 Jun 22	KAM
		2.06 ug/L	15.0	7 Jun 22	KAM

Approved by: P Dan O'Connell

David Smahel Chemistry Laboratory Managers New Ulm, MN Page: 3 Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below: @ = Due to sample matrix # = Due to concentration of other analytes ! = Due to sample quantity + = Due to internal standard response CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040



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Report Date: 10 Jun 2022

Work Order #: 12-10261 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 7:10 Temperature at Receipt: 4.2C

PROJECT NAME: SHERBURN ELEM

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26366	31-SE OFFICE NURSE				
		2.52 ug/L	15.0	7 Jun 22	KAM
22-A26367	32-SE OFFICE COPY ROOM				
		3.16 ug/L	15.0	9 Jun 22	KAM
22-A26368	33-SE WEST GYM (DF)				
00 70 60 60		3.93 ug/L	15.0	7 Jun 22	KAM
22-A26369	34-SE RM 9 (DF)		15 0		
22-726270		35.4 UG/L	15.0	7 Jun 22	KAM
22-A20370	35-SE RM 9 (S)	131 ~ 110/1	15 0		
~Sample	diluted due to recult at a second	101 · ug/L	15.0	7 Jun 22	KAM
oumpie	alluted due to result above calibratic	on or linear rang	e.		
22-A26371	36-SE PRESCHOOL				
		1.87 ug/L	15.0	7 Jun 22	KAM

Dan O'Connell David Smahel	

Page: 4

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

The reporting limit was elevated for any analyte requiring a dilution as coded below: @ = Due to sample matrix # = Due to concentration of other analytes ! = Due to sample quantity + = Due to internal standard response CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040

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	AMVTL 1126 North Front Street, Built	ling 2					Page 1 of 4
	New Ulm, MN 56073				Lab Use	Only	
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	45 10-SE-RM 13 (.DF)						
	111, 11-CE-RM 12 (S)				~		
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Effective Date: 25 Jan 2021

See above for page number

Form # 10-90008-5

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Effective Date: 25 Jan 2021

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Form # 10-90008-5

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Form # 10-90008-5

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MEMBER .

Report Date: 9 Jun 2022

Work Order #: 12-10262 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 5:00 Temperature at Receipt: 5.4C

PROJECT NAME: TRIMONT ELEM.

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26373	1-TE GYM WEST	< 0.5 ug/L	15.0	7 Jun 22	KAM
22-A26374	3-TE GYM EAST (BF)	< 0.5 ug/L	15.0	7 Jun 22	KAM
22-A26375	4-TE GYM EAST (DF)	4.60 ug/L	15.0	7 Jun 22	KAM
22-A26376	5-TE COMMONS NORTH	6.17 ug/L	15.0	7 Jun 22	KAM
22-A26377	6-TE COMMONS SOUTH	14.2 ug/L	15.0	7 Jun 22	KAM
22-A26378	7-TE KITCHEN 3 COMP (LEFT)	3.04 ug/L	15.0	7 Jun 22	KAM
22-A26379	8-TE KITCHEN 3 COMP (RIGHT)	4.60 ug/L	15.0	7 Jun 22	KAM
22-A26380	9-TE KITCHEN DISH RM 1 COMP	1.83 ug/L	15.0	7 Jun 22	KAM
22-A26381	10-TE KITCHEN DISH RM SPRAYER	1.93 ug/L	15.0	7 Jun 22	KAM
22-A26382	11-TE BANDROOM	6.25 ug/L	15.0	7 Jun 22	KAM

100 Approved by: R ΣO

Dan O'Connell David Smahel Chemistry Laboratory Managers New Ulm, MN

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

The reporting limit was elevated for any analyte requiring a dilution as coded below: @ = Due to sample matrix # = Due to concentration of other analytes ! = Due to sample quantity

CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040 + = Due to internal standard response



16 W 5TH ST

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Report Date: 9 Jun 2022

Work Order #: 12-10262 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 5:00 Temperature at Receipt: 5.4C

PROJECT NAME: TRIMONT ELEM.

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26383	12-TE KINDERGARTEN (S)	4.70 ug/L	15.0	7 Jun 22	KAM
22-A26384	13-TE EAST FOUNTAIN NE CORNER (DF)	< 0.5 ug/L	15.0	7 Jun 22	KAM
22-A26385	14-TE EAST FOUNTAIN NE CORNER (BF)	< 0.5 ug/L	15.0	7 Jun 22	KAM
22-A26386	15-TE WEST FOUNTAIN NE CORNER (OLD)	5.24 ug/L	15.0	7 Jun 22	KAM
22-A26387	16-TE ROOM 114	5.97 ug/L	15.0	7 Jun 22	KAM
22-A26388	17-TE RM 112	8.28 ug/L	15.0	7 Jun 22	KAM
22-A26389	18-TE ROOM 111	11.0 ug/L	15.0	7 Jun 22	KAM
22-A26390	19-TE RM 109	5.73 ug/L	15.0	7 Jun 22	KAM
22-A26391	20-TE RM 107	8.86 ug/L	15.0	7 Jun 22	KAM
22-A26392	21-TE HALL BY 106	3.78 ug/L	15.0	7 Jun 22	KAM

200 \sim Approved by: R

Dan O'Connell

Page: 2 Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards.

Chemistry Laboratory Managers New Ulm, MN

David Smahel

The reporting limit was elevated for any analyte requiring a dilution as coded below:

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16 W 5TH ST

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Report Date: 9 Jun 2022

Work Order #: 12-10262 Account #: 038180

Date Received: 31 May 2022 Date Sampled: 28 May 2022 Time Sampled: 5:15 Temperature at Receipt: 5.4C

PROJECT NAME: TRIMONT ELEM.

SHERBURN MN 56171

MARTIN CO WEST SCHOOLS

LAB NUMBER	SAMPLE DESCRIPTION	LEAD RESULTS	MCL	DATE ANALYZED	ANALYST
22-A26393	22-TE FIRST/GRADE (DF)	11.0 ug/L	15.0	7 Jun 22	KAM
22-A26394	23-TE HOME EC BY DOOR	2.28 ug/L	15.0	7 Jun 22	KAM
22-A26395	25-TE HOME EC SE CORNER	6.68 ug/L	15.0	7 Jun 22	KAM
22-A26396	27-TE HALL BY STAFF ROOM	5.05 ug/L	15.0	7 Jun 22	KAM
22-A26397	28-TE STAFF ROOM	4.98 ug/L	15.0	7 Jun 22	KAM

The M Approved by: $\mathcal{R} \searrow \mathcal{O}(\mathcal{O})$ David Smahel Dan O'Connell

Chemistry Laboratory Managers New Ulm, MN 3

Page:

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

The reporting limit was elevated for any analyte requiring a dilution as coded below:

= Due to concentration of other analytes @ = Due to sample matrix + = Due to internal standard response ! = Due to sample quantity ND WW/DW # R-040 CERTIFICATION: MN LAB # 027-015-125

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	New UIm, MN 56073 Phone: (507) 354-8517)			Lab Use O	nly	
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