



8612 Eagle Creek Parkway, Savage, MN 55378-1284
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June 11, 2023

ISD #191
Service Center
200 West Burnsville Parkway
Burnsville, MN 55337
Attn: Mr. David Lake

**RE: ISD #191 – Re-Sampling for Lead in Drinking Water
Project #23036B**

I. INTRODUCTION

This report presents the results of re-sampling for lead in drinking water using first draw sampling plan following the Minnesota Department of Health (MDH) & Minnesota Department of Education (MDE) guide *Reducing Lead in Drinking Water (May 2021 Revision)*.

Per the outlined recommendations from the initial lead in drinking water report: *23036 First Draw Sampling for Lead in Drinking Water*, ISD #191 opted to clean all fixtures that resulted in elevated levels of lead and have them re-evaluated.

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) sampled all previously elevated fixtures at the following six (6) sites on April 21, 2023:

- Sky Oaks Elementary (SK)
- Vista View Elementary (VV)
- Harriet Bishop Elementary (HB)
- Eagle Ridge Middle School (ER)
- Nicollet Middle School (NM)
- Burnsville High School (BHS)

II. DISCUSSION

Lead is a toxic metal that is harmful to human health when it is ingested or inhaled. Unlike other environmental contaminants, lead is stored in our bones and can be released over time into the bloodstream. Lead exposure is a serious health concern, especially for young children and infants. Children's bodies absorb more lead than adults. Exposure to high levels of lead in children and infants may result in developmental delays, lower IQ's, hearing loss, hyperactivity, and learning disabilities.

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.

The United States Environmental Protection Agency (EPA) has federal regulations regarding lead in drinking water. Specifically, for Minnesota schools, the MDH & MDE worked together to pass a state statute (Minnesota State Statute 121A.335) which mandates methods, testing and communication of lead concentrations in drinking water.

Under the statute, school districts are required to:

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

III. METHODOLOGY

FIELD ENVIRONMENTAL collected first draw samples. First draw samples consist of water emitted from a fixture after the outlet has been sitting for a period of 8 hours or more (not exceeding 18 hours). Water was collected immediately in the morning before it could be used for other purposes. First draw samples were collected using clean 250 milliliter (mL) sampling bottles. The bottles were filled to the top, capped, recorded, and transported to a certified drinking water laboratory. Results from first draw sampling indicate lead levels for water that has been in direct contact with the faucet or drinking fountain and the section of plumbing closest to the outlet. Analysis was conducted by Minnesota Valley Testing Laboratories, Inc of New Ulm, Minnesota using EPA Method 200.8 for determination of trace elements in drinking water.

IV. RESULTS

A complete table of all locations sampled and corresponding results is provided in Appendix A. Building maps indicating sampling locations and results are provided in Appendix B. Minnesota Valley Testing laboratory reports are provided in Appendix C.

Two (2) sample were collected at Burnsville High School.

Two (2) samples were collected at Eagle Ridge Elementary.

Two (2) samples were collected at Harriet Bishop Elementary.

Six (6) samples were collected at Nicollet Middle School.

One (1) samples was collected at Sky Oaks Elementary.

Three (3) samples were collected at Vista View Elementary.

A total of sixteen (16) samples were collected throughout the District.

V. CONCLUSIONS

Schools are encouraged to reduce lead in drinking water levels to below 2 ppb. The EPA, MDH and MDE strongly recommend that actions be taken if lead concentrations exceed 20 parts per billion (ppb) or 20 micrograms per liter (µg/L).

All re-testing completed at Eagle Ridge Elementary and Sky Oaks Elementary were at or below the recommended limit of 20 ppb or 20 µg/L.

Client: ISD #191

Report of: Re-Sampling for Lead in Drinking Water

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One (1) of two (2) samples collected at Burnsville High School was above the recommended limit of 20 ppb or 20 µg/L.

School Name: Burnsville High School (BHS)

Date: 2/3/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
First Floor	F152	Special Ed	27-BHS-F152-S	S	25.3	54.6

One (1) of the two (2) samples collected at Harriet Bishop Elementary School was above the recommended limit of 20ppb or 20µg/L.

School Name: Harriet Bishop Elementary (HB)

Date: 2/2/2023 & 4/25/2023

Level	Room Number	Location	Sample ID	Type S = Sink	Lead Result (ppb)	Re-sample Result (ppb) 4/21/2023
Lower Level	-	Kitchen	04-HB-KITCHEN-S	S	19.9	47.1

Two (2) of the six (6) samples collected at Nicollet Middle School was above the recommended limit of 20ppb or 20µg/L.

School Name: Nicollet Middle School (NM)

Date: 2/10/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
Lower Level	121	Special Ed	23-NM-121-S	S	115	31.8
Lower Level	106	Classroom	26-NM-106-S(L)	S	28.4	34.7

One (1) of the three (3) samples collected at Vista View Elementary was above the recommended limit of 20ppb or 20µg/L.

School Name: Vista View Elementary School (VV)

Date: 2/8/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
Second Floor	220	Classroom	59-vv-220-S	S	55.9	46.7

VI. RECOMMENDATIONS

Of the sixteen (16) fixtures that tested above or near 20.0ppb or 20µg/L, all aerators were replaced and fixtures retested. Five (5) of the retested fixtures tested above the 20.0ppb or 20µg/L limit. The district plans to replace the fixture at Harriet Bishop Elementary. The district intends to remove the fixtures from use or place signage indicating "Water Not for Drinking" for the remaining four (4) fixtures.

For all other fixtures re-tested with lead concentrations between 2 ppb (µg/L) to 20 ppb (µg/L), the tap may be used for cooking and drinking water. However, the District should consider implementing lead reduction strategies to include cleaning faucet aerators or flushing the taps on a scheduled basis.

VII. COMMUNICATION

Minnesota State Statute 121A.335 states that a school district that has tested its buildings for the presence of lead shall make the results of the testing available to the public for review and must notify parents of the availability of the information.

School management should:

- Communicate results according to their School Board Policy or Lead in Water Program;
- Assign a designated person(s) to be the contact for lead in drinking water;
- Notify affected individuals about the availability of the testing and results including corrective actions; not to exceed 30 days after receiving results.

VIII. REMARKS

The environmental services performed by FIELD ENVIRONMENTAL's technicians, analysts and project managers for this project have been conducted in a manner consistent with the degree of care and technical skill exercised by environmental professionals currently practicing in this area under similar budget and time constraints. Recommendations contained in this report represent our professional judgment at the time the project was performed.

No warranty or guarantee, expressed or implied, is made regarding the findings, conclusions, or recommendations contained in this report.

FIELD ENVIRONMENTAL appreciates the opportunity to provide services to meet your environmental needs. Any questions regarding the fieldwork, sample results or presented findings should be directed to Field Environmental Consulting, Inc.

PREPARED and REVIEWED BY:

Field Environmental Consulting, Inc.



Stephen Field
Project Manager
Field Environmental Consulting

Attachments

Appendix A: Sample Locations and Results Tables

Appendix B: Drawings

Appendix C: Laboratory Reports

APPENDIX A

SAMPLE LOCATIONS AND RESULTS TABLES

School Name: Burnsville High School (BHS)

Date: 2/3/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink BF = Bottle Filler SP = Sprayer K = Kettle WC = Water Cooler HW = Hot Water	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
First Floor	F152	Special Ed	27-BHS-F152-S	S	25.3	54.6
First Floor	M130	Media Room	67-BHS-M130-S	S	24.5	2.73

School Name: Eagle Ridge (ER)
Date: 2/2/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink DF = Drinking Fountain BF = Bottle Filler SP = Sprayer K = Kettle Filler WC = Water Cooler	Lead Result (ppb)	Re-sampling Result (ppb) 4/21/23
First Floor	-	Kitchen	5-ER-KIT-K	K	22.5	13.9
First Floor	-	First Aid	29-ER-FIRST AID-S	S	31.1	9.25

School Name: Harriet Bishop Elementary (HB)

Date: 2/2/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink BF = Bottle Filler K = Kettle WC = Water Cooler BW = Sprayer	Lead Result (ppb)	Re-sample Result (ppb) 4/21/2023
Lower Level	-	Kitchen	02-HB-KITCHEN-S	S	41.2	8.56
Lower Level	-	Kitchen	04-HB-KITCHEN-S	S	19.9	47.1

School Name: Nicollet Middle School (NM)**Date: 2/10/2023 & 4/21/2023**

Level	Room Number	Location	Sample ID	Type S = Sink BF = Bottle Filler SP = Sprayer WC = Water Cooler DF = Drinking Fountain	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
Main Level	-	Kitchen	4-NM-KIT-S	S	57.7	10.6
Main Level	-	Media Production	18-NM-MEDIA PROD-S	S	76.2	15.1
Lower Level	121	Special Ed	23-NM-121-S	S	115	31.8
Lower Level	108	Classroom	24-NM-108-S(R)	S	68.2	9.44
Lower Level	106	Classroom	26-NM-106-S(L)	S	28.4	34.7
Lower Level	128	Classroom	38-NM-128-S	S	39.6	3.33

School Name: Sky Oaks Elementary (SK)

Date: 2/2/2023 & 4/21/2023

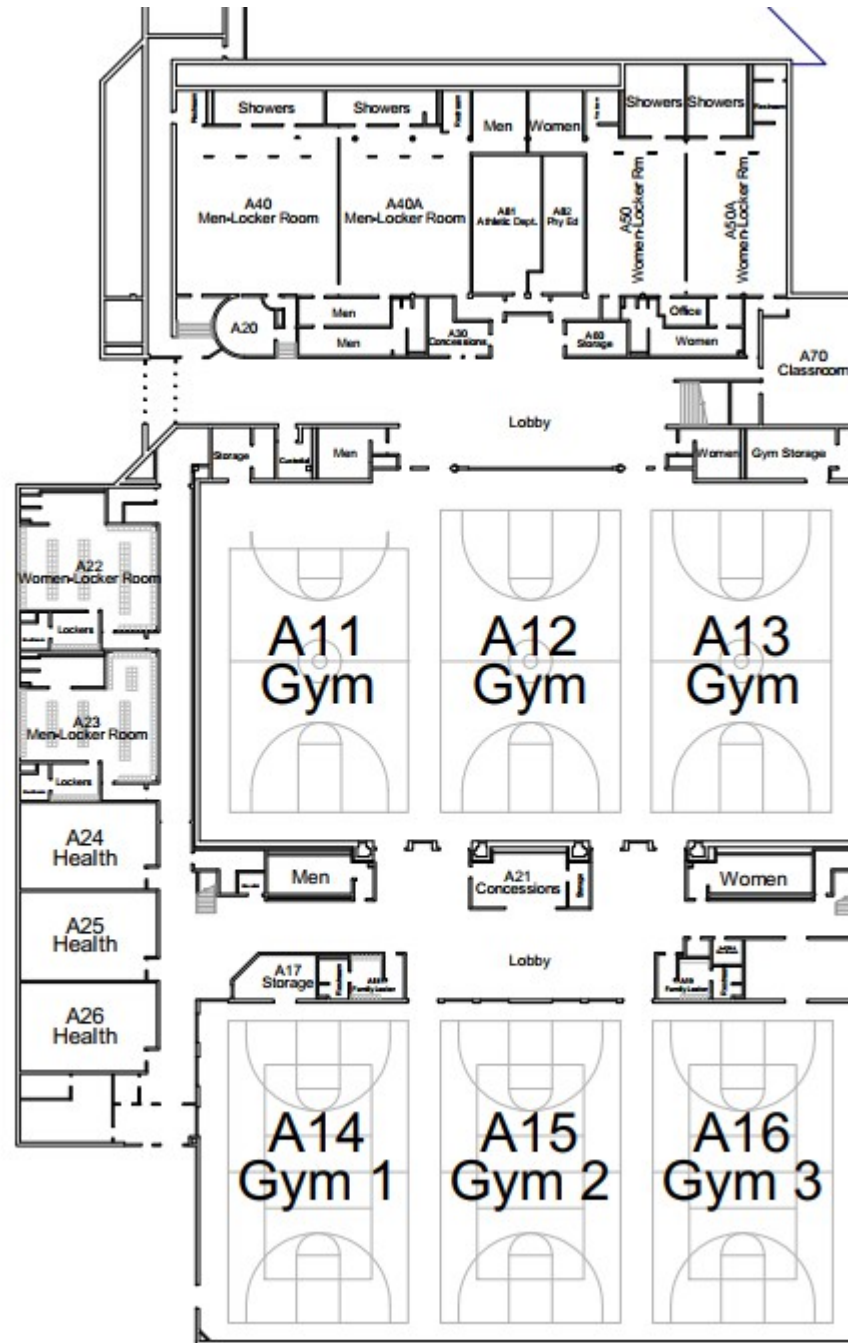
Level	Room Number	Location	Sample ID	Type S = Sink BF = Bottle Filler DF = Drinking Fountain SP = Sprayer WC = Water Cooler	Lead Result (ppb)	Re-sample Result (ppb)
First Floor	G2	Classroom	18-SK-G2-S	S	33.3	9.41

School Name: Vista View Elementary School (VV)
Date: 2/8/2023 & 4/21/2023

Level	Room Number	Location	Sample ID	Type S = Sink DF = Drinking Fountain WC = Water Cooler BF = Bottle Filler BW = Sprayer	Lead Result (ppb)	Re-sample Result (ppb) 4/21/23
First Floor	-	Kitchen	01-vv-kitchen-S	S	28.3	6.05
First Floor	118	Classroom	22-vv-118-s(M)	S	19.5	5.68
Second Floor	220	Classroom	59-vv-220-S	S	55.9	46.7

APPENDIX B

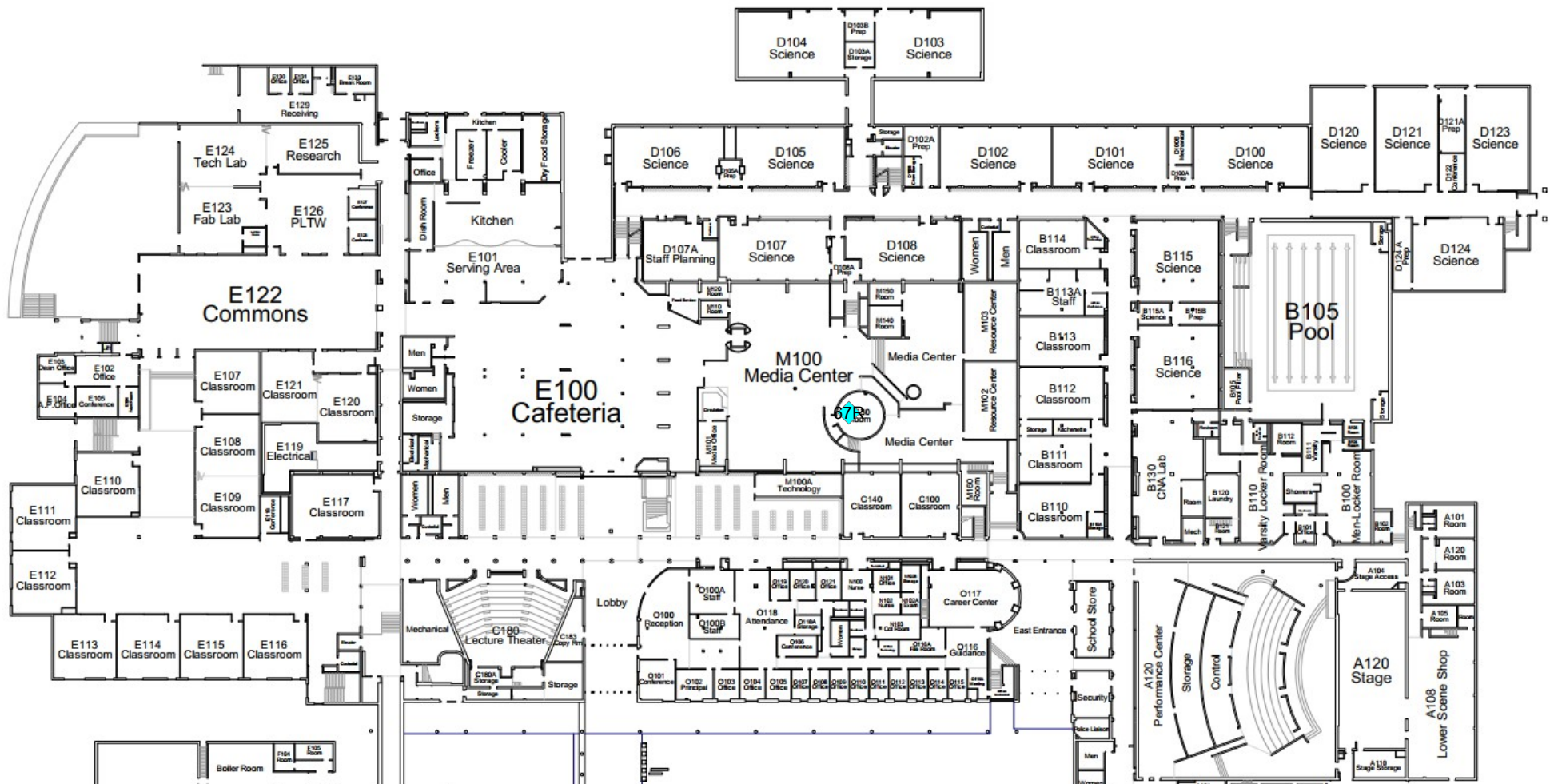
DRAWINGS



Burnsville High School
Lower Level
Lead in Water
Project # 23036

Re-Sampling (2023)

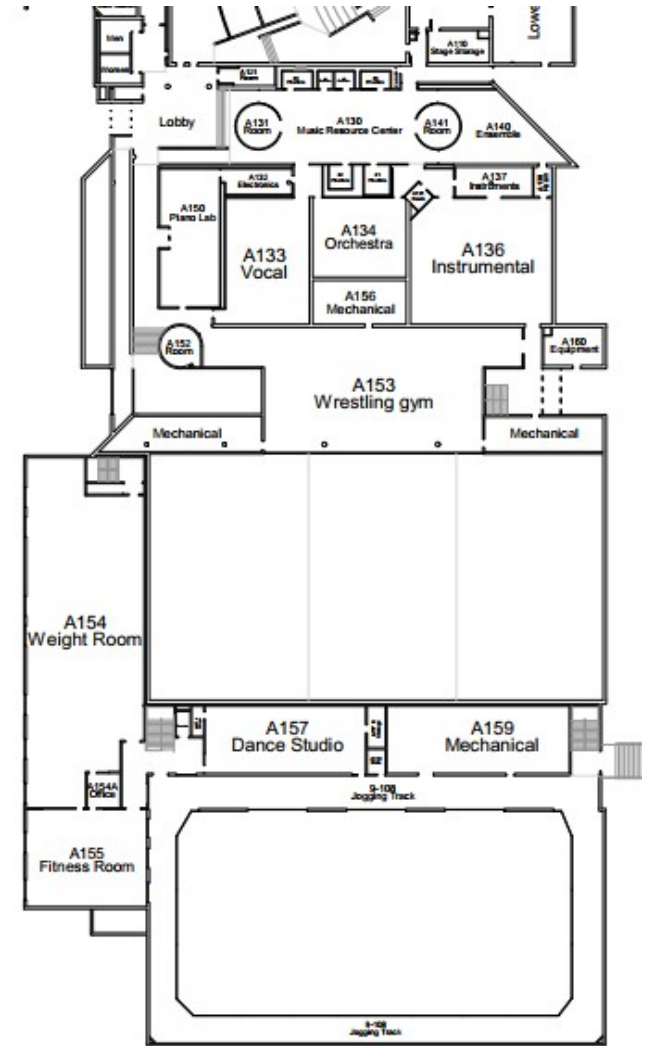
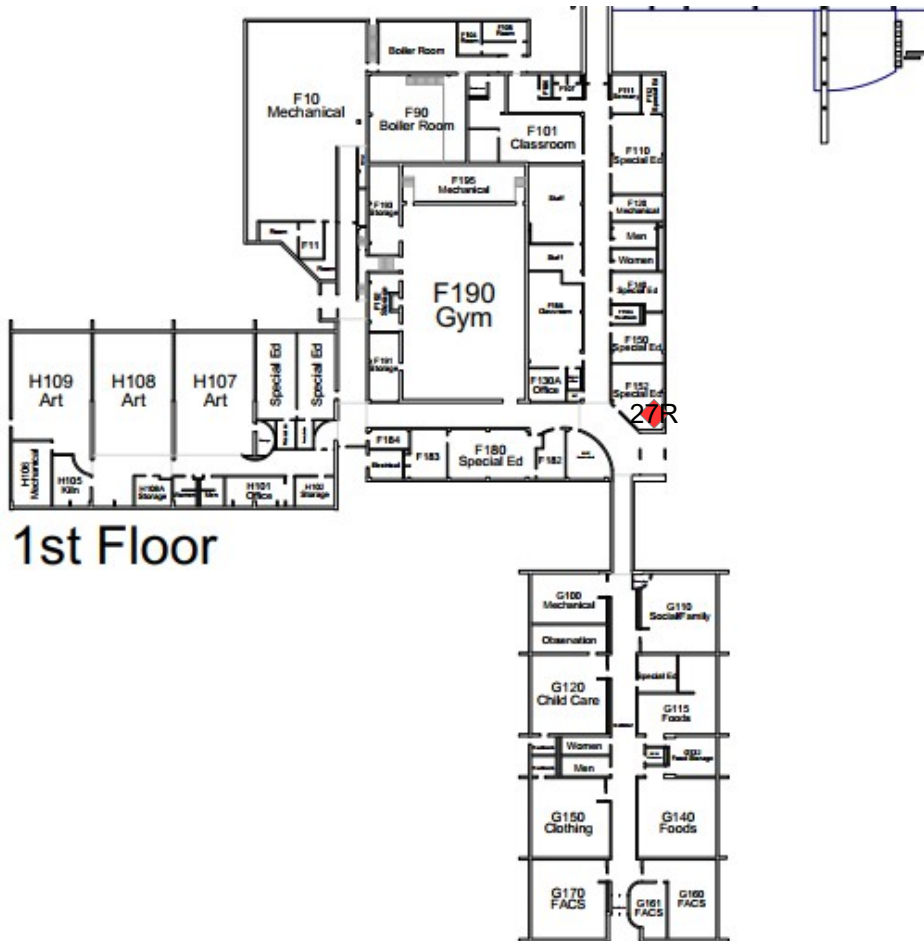
- ◆ Lead \leq 20 ppb
- ◆ Lead $>$ 20 ppb



Burnsville High School
Main Level Section 1
Lead in Water
Project # 23036

Re-Sampling (2023)

- ◆ Lead <= 20 ppb
- ◆ Lead > 20 ppb

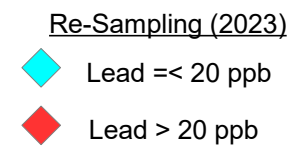


Burnsville High School
Main Level Section 2
Lead in Water
Project # 23036

Re-Sampling (2023)

Lead ≤ 20 ppb

◆ Lead > 20 ppb



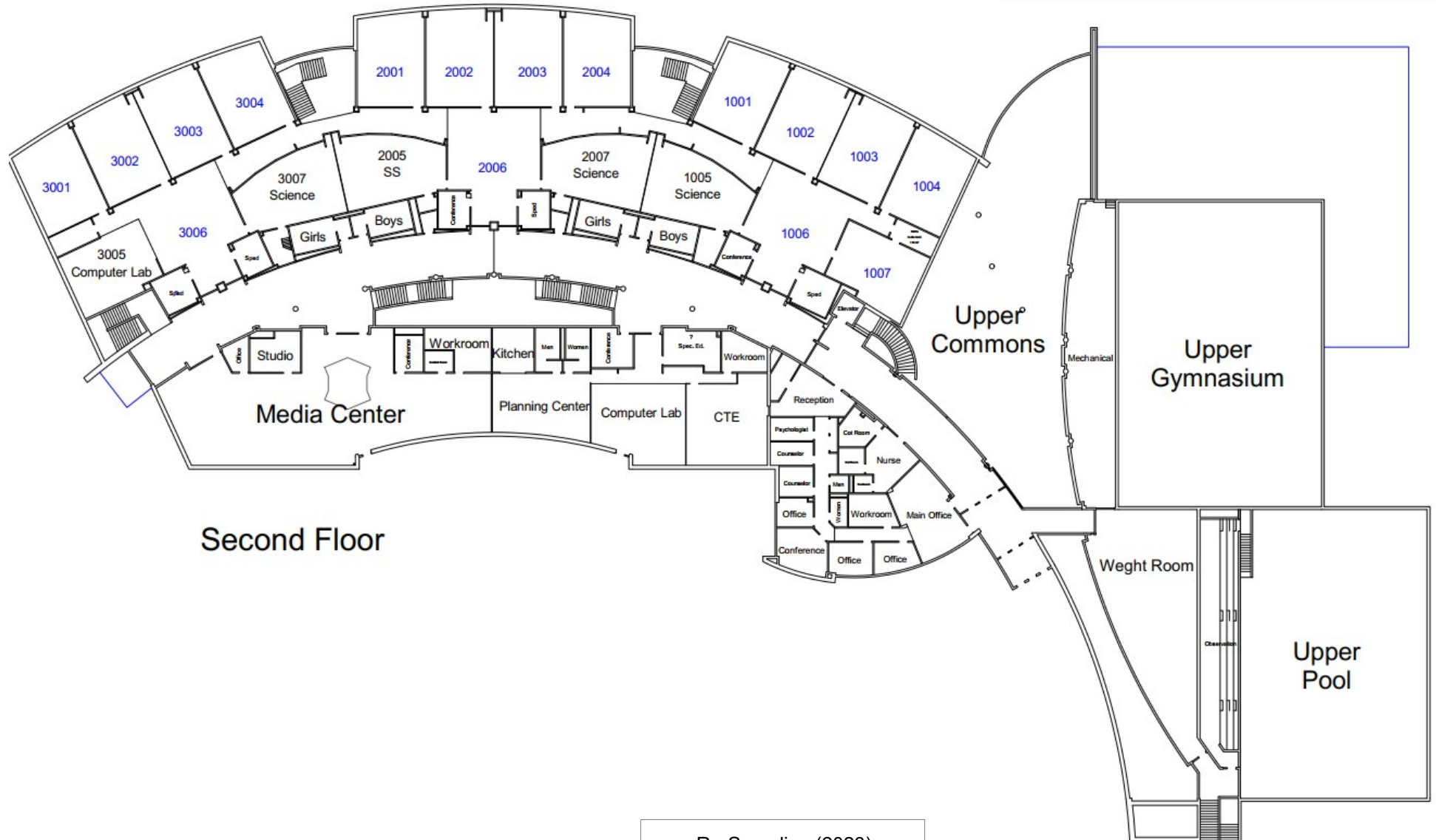


Eagle Ridge Middle
Lead in Water
Project # 23036

Re-Sampling (2023)

◆ Lead <= 20 ppb

◆ Lead > 20 ppb

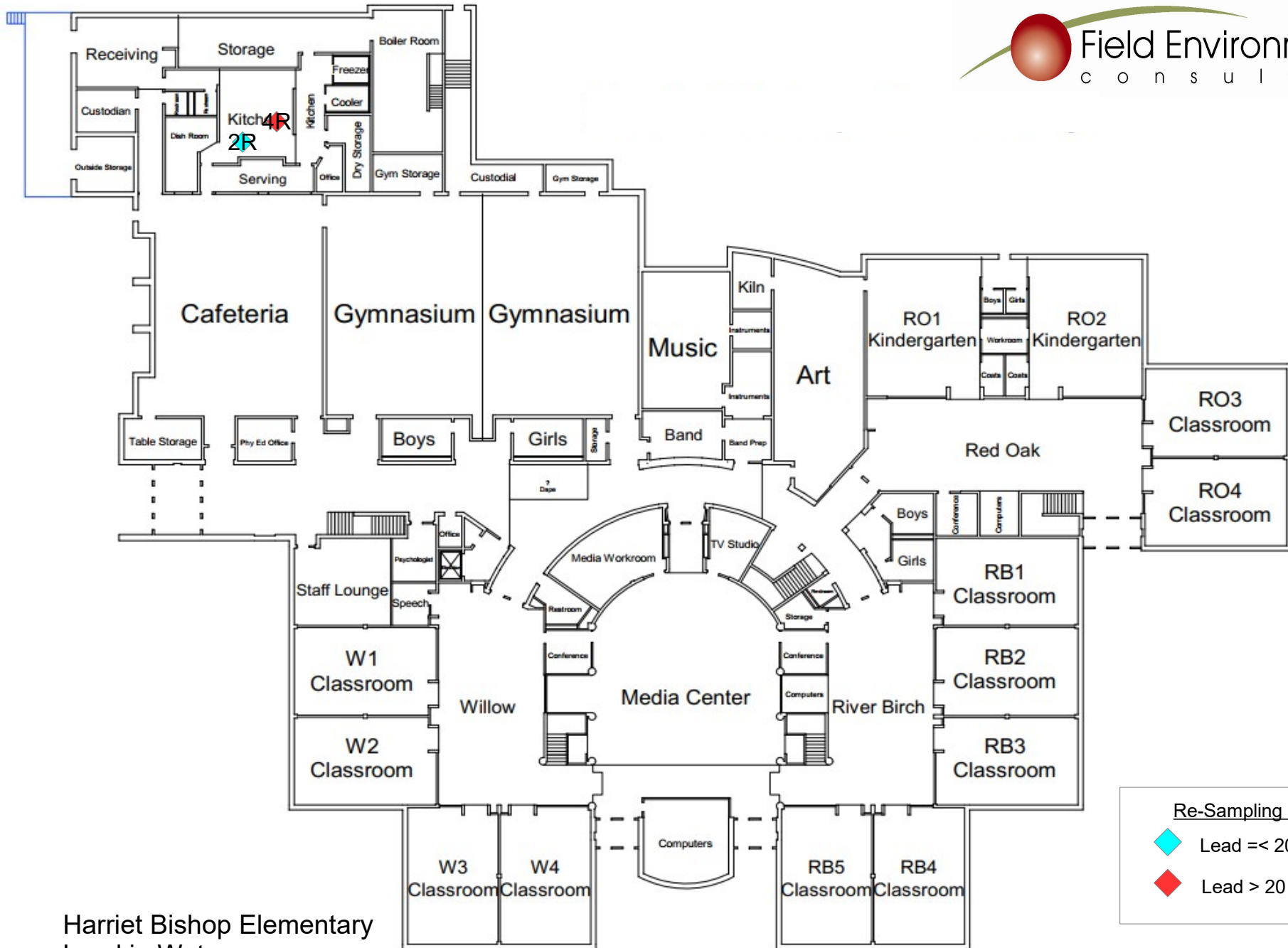


Eagle Ridge Middle
Lead in Water
Project # 23036

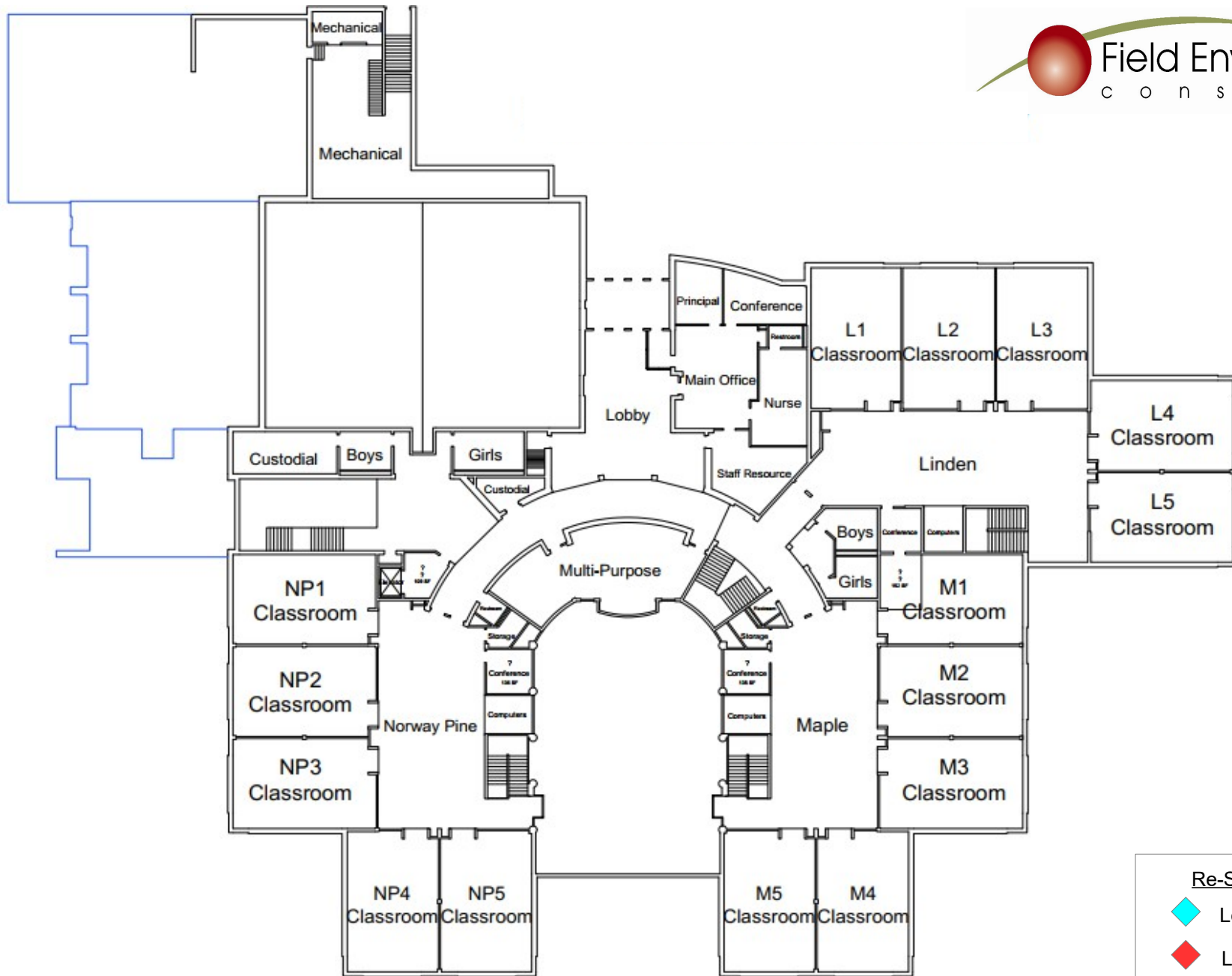
Re-Sampling (2023)

◆ Lead ≤ 20 ppb

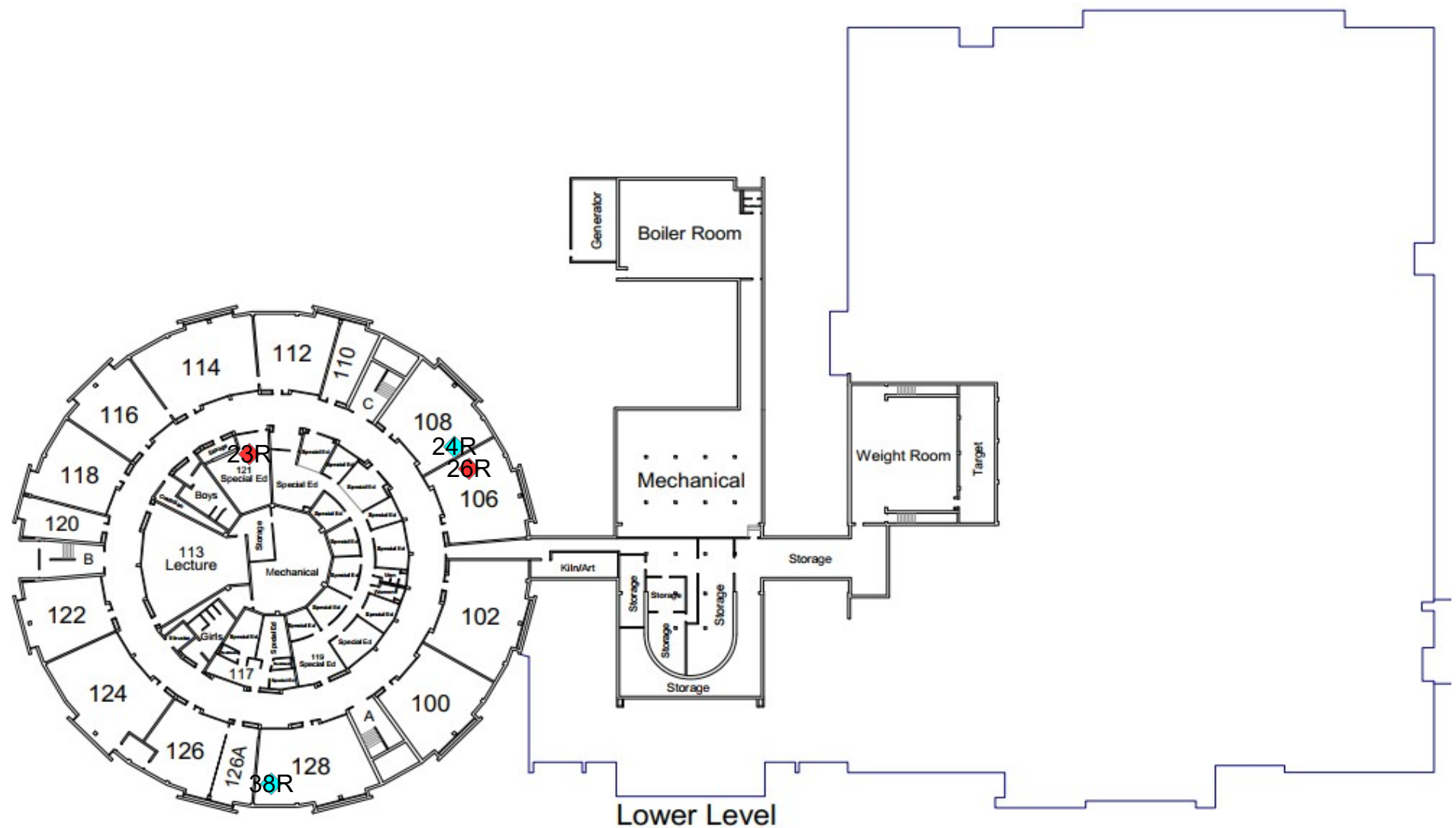
◆ Lead > 20 ppb



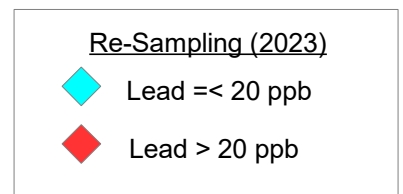
Harriet Bishop Elementary
Lead in Water
Project # 23036

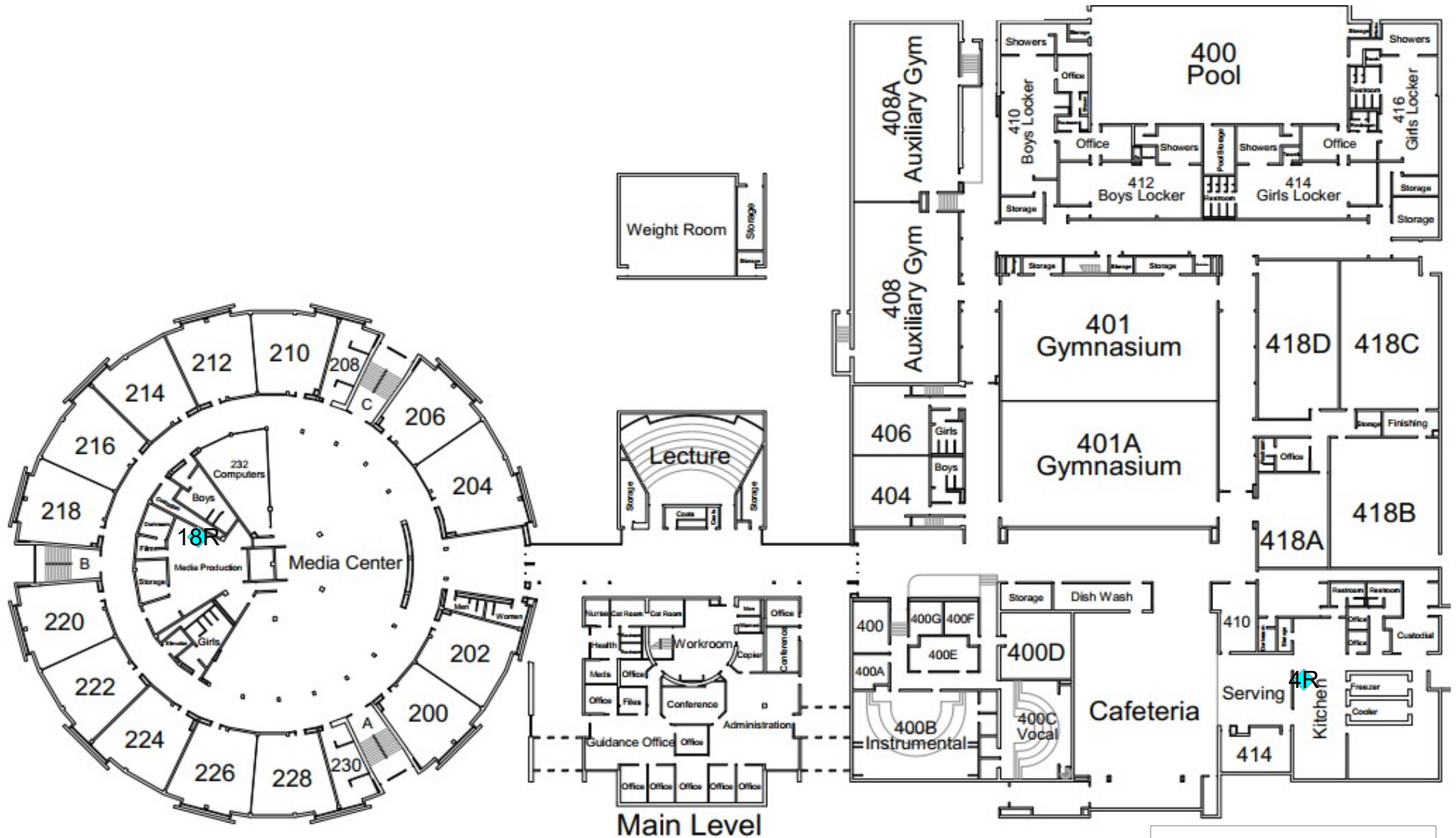


Harriet Bishop Elementary
Lead in Water
Project # 23036

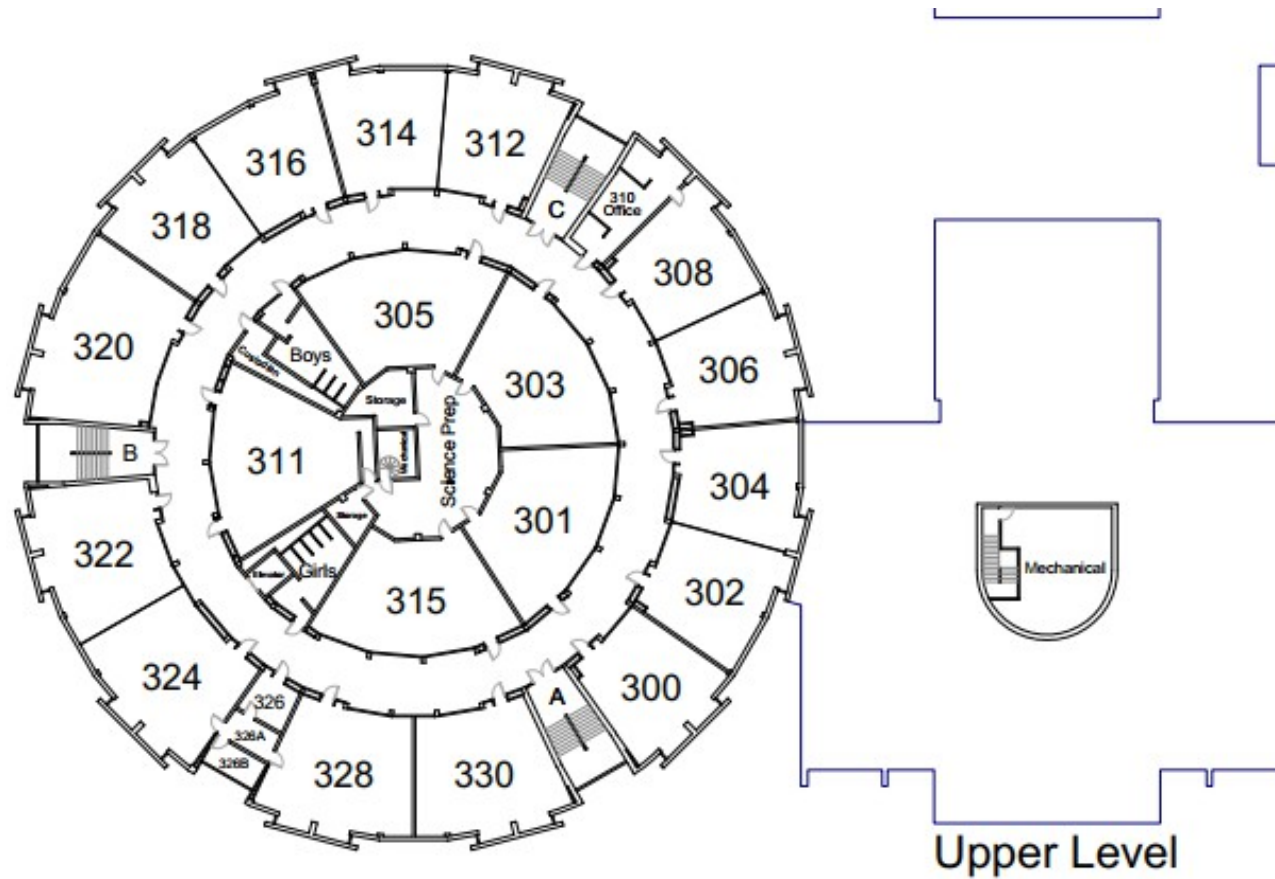


Nicollet Middle School
Lead in Water
Project # 23036





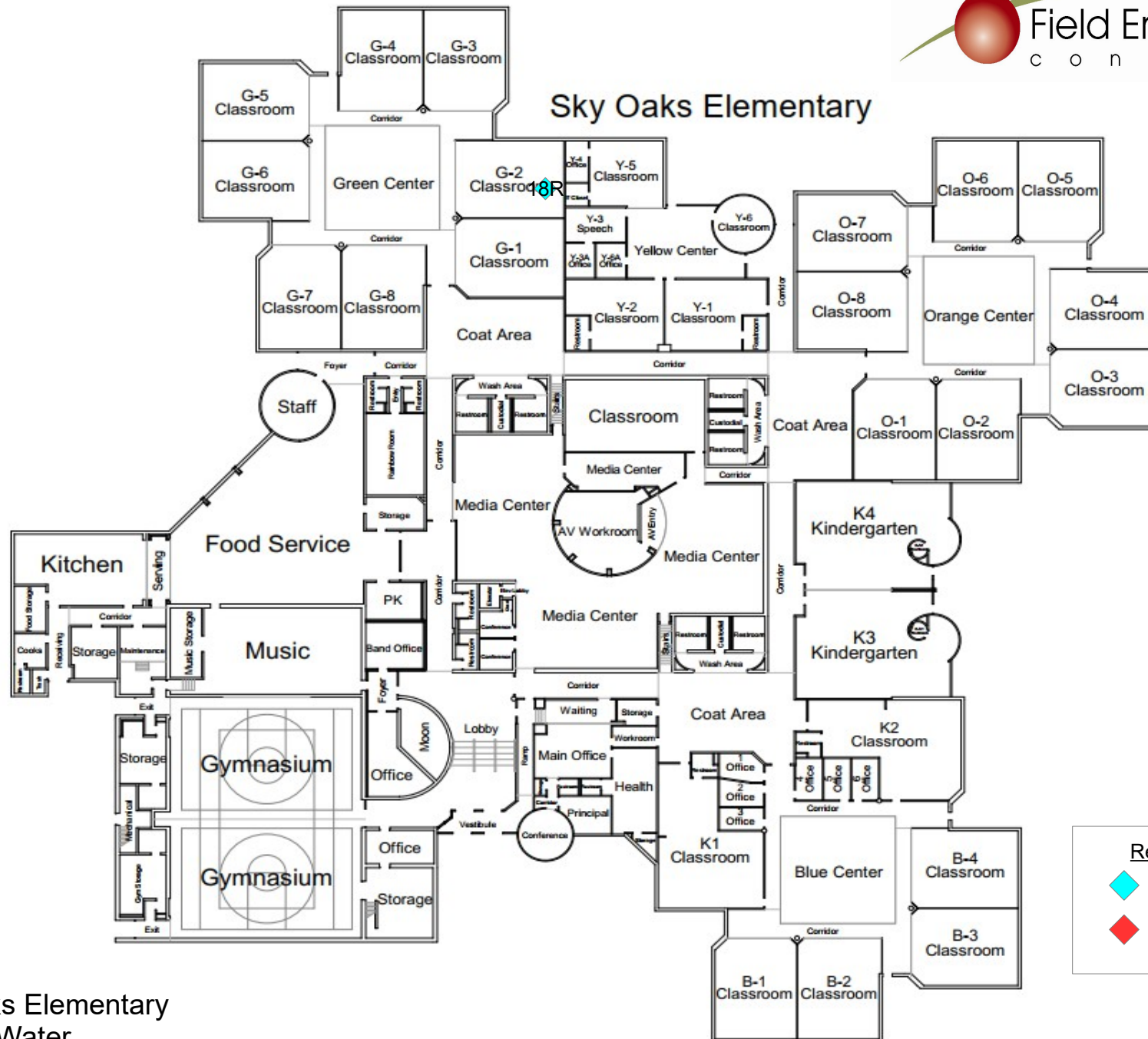
Nicollet Middle School
Lead in Water
Project # 23036

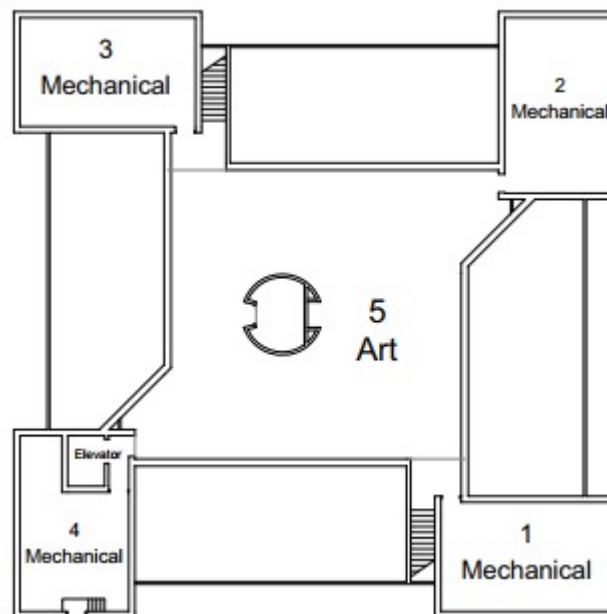


Re-Sampling (2023)

- ◆ Lead \leq 20 ppb
- ◆ Lead $>$ 20 ppb

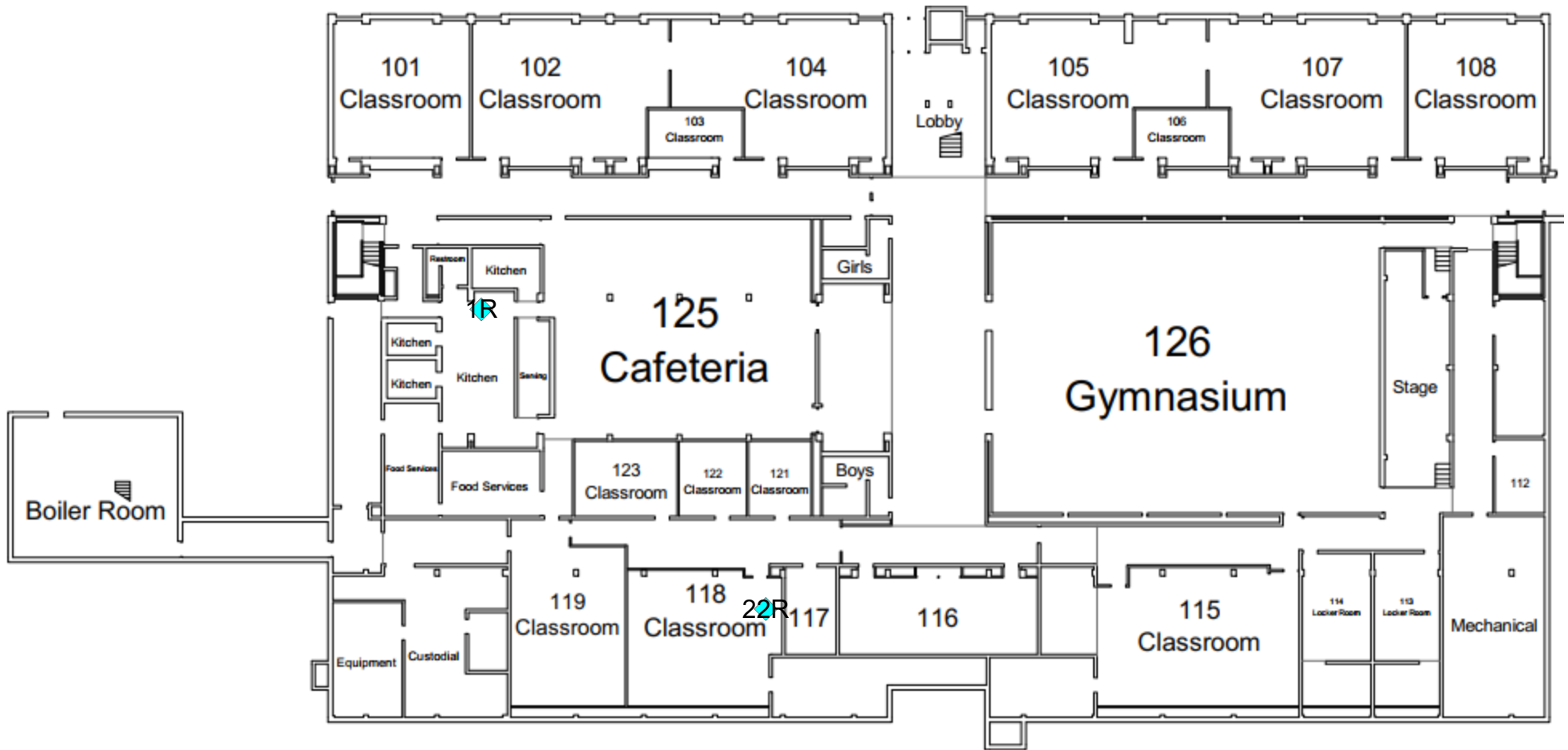
Nicollet Middle School
Lead in Water
Project # 23036





Re-Sampling (2023)

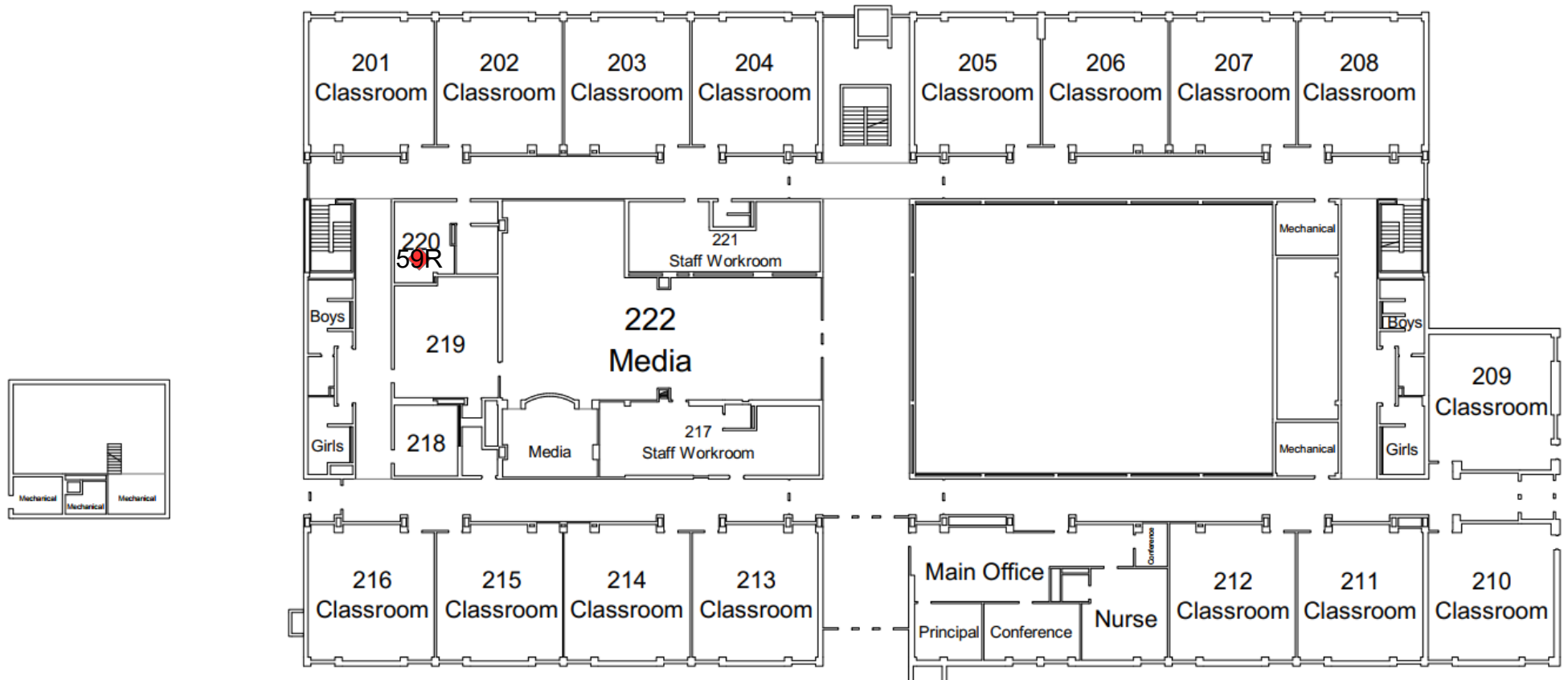
- ◆ Lead \leq 20 ppb
- ◆ Lead $>$ 20 ppb



Re-Sampling (2023)

- ◆ Lead \leq 20 ppb
- ◆ Lead $>$ 20 ppb

Vista View Elementary
Lower Level
Lead in Water
Project # 23036



Re-Sampling (2023)

- ◆ Lead \leq 20 ppb
- ◆ Lead $>$ 20 ppb

APPENDIX C
LABORATORY REPORTS

**MINNESOTA VALLEY TESTING LABORATORIES, INC.**

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



Workorder: Burnsville HS-BHS (13556)
Account #: 73784

Client: Field Environmental Consulting
PO: 23036

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

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

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

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

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

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

Report Date: Monday, May 8, 2023 1:33:07 PM

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Burnsville HS-BHS (13556)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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

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

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**Workorder:** Burnsville HS-BHS (13556)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID:	13556001	Date Collected:	04/21/2023 06:00	Matrix:	Potable Water	
Sample ID:	27 R BHS F152 S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	54.6	ug/L	15	EPA 200.8	05/04/2023 17:11	

Lab ID:	13556002	Date Collected:	04/21/2023 06:00	Matrix:	Potable Water	
Sample ID:	67 R BHS M130 S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	2.73	ug/L	15	EPA 200.8	05/04/2023 17:12	

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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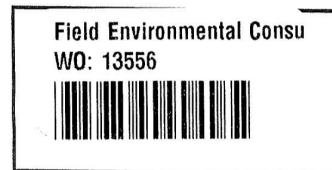
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Workorder: Burnsville HS-BHS (13556)

Client: Field Environmental Consulting



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www.MVTL.com



Workorder: Burnsville HS-BHS (13556)

Client: Field Environmental Consulting



Minnesota Valley Testing Laboratories, Inc.

1126 North Front Street
New Ulm, MN 56073

Phone: (507) 354-8517

Fax: (507) 359-2890

Form # 10-90008-0

Chain of Custody Record

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Toll Free: (800) 782-3557		Fax: (507) 359-2890		Work Order # 13556				
Company Name and Address: Field Environmental Consulting, Inc.				Account #:	Email: jstove@fieldconsulting.com			
				Phone #:				
				Contact (Report to):	JTove Field			
				Name of Samplers:	Tom Saps			
Billing Address (indicate if different from above): 8612 Eagle Creek Parkway, Savage, MN 55378				Quote Number:				
				Project Name/Number:	Date Submitted: 4-25-23			
				Purchase Order #:				
Transferred by:		Date:	Time:	Sample Condition:	Received by:	Date:	Time:	Temp:
1. JTove		4-25-23	10a	AmB	JTove	25 APR 23	1330	AmB
2.				AmB	OS	25 Apr 23	1730	20.2
Comments: Resampler				20.2 TM 774				
Sample Information								
Lab Use Only	Lab Number	Sample ID	Sample Type	Date Sampled	Time Sampled	Analysis		
	01	27R-BHS-F152-S	Water	4-21-23	6am	Lead 200.8		
	02	67R-BHS-M130-S	1	1	1	1		
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
Enclosed are your containers for your sampling event. Completely fill and label containers appropriately for the analyses to be conducted. Complete chain of custody and submit with samples. For questions regarding individual parameter holding times, chemical and thermal preservation and sample volumes please refer to our sample preservation guide on our website at www.mvlt.com or by contacting customer service at 1-800-782-3557. If samples show signs of contamination, inadequate preservation or are in any way compromised you will be contacted as to whether to proceed with analysis or submit a new sample.								

Please submit the top two copies with your samples. We will return the completed original with your results.

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:** Burnsville HS-BHS (13556)**Client:** Field Environmental Consulting**Sample Condition Checklist**

Date: 25 April 23 Time: 13:00 ☐ AM ☒ PM By: DS

Account Name: Field Environmental Consulting Account #: _____

Bill of Lading #: _____ Cooler #: _____

Temp: 20.5 °C ROI ☐ Ambient ☒ Tracking #: _____

TMI#: 771 Ice Crystals Present in Sample ☐

MVTL Courier: Dick Other: _____

MVTL Route: Eastern - 2 Walk-in ☐ UPS Air ☐ FedEx Air ☐ Speedee ☐
Mail ☐ UPS Ground ☐ FedEx Ground ☐

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

Comments: _____

Number	Containers Size (mL)	Container Type	Preservation	pH
2	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ <u>NONE</u> HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
Low Level Mercury Kit				
!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!				
4 oz Jar	Clear Amber	MeOH	None	n/a
2 oz Jar	Clear Amber	MeOH	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	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	

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

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Report Date: Monday, May 8, 2023 1:33:07 PM

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Eagle Ridge MS-ER (13555)
Account #: 73784

Client: Field Environmental Consulting
PO: 23036

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

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

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

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

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

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www.MVTL.com



Workorder: Eagle Ridge MS-ER (13555)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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

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www.MVTL.com

**Workorder:** Eagle Ridge MS-ER (13555)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID: 13555001 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 5 R ER Kitchen K **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	13.9	ug/L	15	EPA 200.8	05/04/2023 17:09	

Lab ID: 13555002 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 29 R ER First Aid S **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	9.25	ug/L	15	EPA 200.8	05/04/2023 17:10	

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Report Date: Monday, May 8, 2023 1:33:07 PM



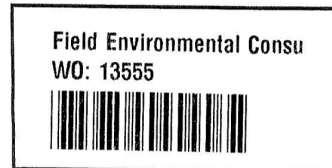
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www.MVTL.com



Workorder: Eagle Ridge MS-ER (13555)

Client: Field Environmental Consulting



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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Eagle Ridge MS-ER (13555)

Client: Field Environmental Consulting



Minnesota Valley Testing Laboratories, Inc.

1126 North Front Street
New Ulm, MN 56073

Phone: (507) 354-8517

Toll Free: (800) 782-3557

Fax: (507) 359-2890

Form # 10-90008-0

Chain of Custody Record

Page 1 of 1

Work Order # 13555

Company Name and Address: <u>Field Environmental Consulting, Inc.</u>				Account #:		Email:		
Billing Address (Indicate if different from above): <u>8612 Eagle Creek Parkway, Savage, MN 55378</u>				Phone #:		<u>Steve @ field consulting inc. com</u>		
				Contact (Report to):				
				Name of Samplers:		<u>Tom Jerald</u>		
				Quote Number		Date Submitted: <u>4-25-23</u>		
				Project Name/Number:		Purchase Order #:		
				<u>Eagle Ridge MS-ER 23036</u>				
Transferred by:		Date:	Time:	Sample Condition:	Received by:	Date:	Time:	Temp:
1. <u>[Signature]</u>		<u>4-25-23</u>	<u>10a</u>	<u>AmB</u>	<u>[Signature]</u>	<u>25Apr23</u>	<u>1330</u>	<u>AmB</u>
2.				<u>AmB</u>	<u>DS</u>	<u>25Apr23</u>	<u>1330</u>	<u>20.2</u>
Comments: <u>Resampler</u>								

Sample Information						
Lab Use Only	Lab Number	Sample ID	Sample Type	Date Sampled	Time Sampled	Analysis
	01	SR-ER-Kitchen-K	water	4-21-23	6a	Lead 200.8
	02	SR-ER-FirstAid-S	1	4-25-23	1	1

Enclosed are your containers for your sampling event. Completely fill and label containers appropriately for the analyses to be conducted. Complete chain of custody and submit with samples. For questions regarding individual parameter holding times, chemical and thermal preservation and sample volumes please refer to our sample preservation guide on our website at www.mvtl.com or by contacting customer service at 1-800-782-3557. If samples show signs of contamination, inadequate preservation or are in any way compromised you will be contacted as to whether to proceed with analysis or submit a new sample.

Please submit the top two copies with your samples. We will return the completed original with your results.

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com

Member
ACIL

Workorder: Eagle Ridge MS-ER (13555)**Client:** Field Environmental Consulting**Sample Condition Checklist**

Date: 25 April 23 Time: 13:00 ☐ AM ☒ PM By: DS

Account Name: Field Environmental Consulting Account # _____

Bill of Lading #: _____ Cooler #: _____

Temp: 20.5 °C ROI ☐ Ambient ☒ Tracking #: _____

TMI#: 771 Ice Crystals Present in Sample ☐

MVTL Courier: Dick Other: _____

MVTL Route: Eastern - 2 Walk-In ☐ UPS Air ☐ FedEx Air ☐ Speedee ☐

Mail ☐ UPS Ground ☐ FedEx Ground ☐

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

Comments: _____

Number	Containers Size (mL)	Container Type	Preservation	pH
2	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ <u>NONE</u> HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
Low Level Mercury Kit				
!!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!				
4 oz Jar	Clear Amber	MeOH	None	n/a
2 oz Jar	Clear Amber	MeOH	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	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	

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

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Harriet Bishop ES-HB 23036 (13740)
Account #: 73784

Client: Field Environmental Consulting

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

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

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

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

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

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Report Date: Tuesday, May 16, 2023 10:40:51 AM

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www.MVTL.com



Workorder: Harriet Bishop ES-HB 23036 (13740)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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

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www.MVTL.com

**Workorder:** Harriet Bishop ES-HB 23036 (13740)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID:	13740001	Date Collected:	04/25/2023 06:00	Matrix:	Potable Water	
Sample ID:	2R-HB-Kitchen-S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	8.56	ug/L	15	EPA 200.8	05/11/2023 16:45	

Lab ID:	13740002	Date Collected:	04/25/2023 06:00	Matrix:	Potable Water	
Sample ID:	4R-HB-Kitchen-S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	47.1	ug/L	15	EPA 200.8	05/15/2023 13:54	

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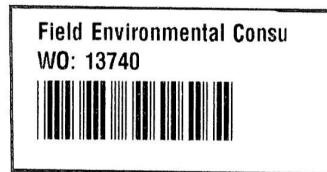
MINNESOTA VALLEY TESTING LABORATORIES, INC.

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Workorder: Harriet Bishop ES-HB 23036 (13740)

Client: Field Environmental Consulting



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Workorder: Harriet Bishop ES-HB 23036 (13740)

Client: Field Environmental Consulting

Minnesota Valley Testing Laboratories, Inc.
1126 North Front Street
New Ulm, MN 56073

Phone: (507) 354-8517

Fax: (507) 359-2890

Chain of Custody Record

Page 1 of 1

Toll Free: (800) 782-3557

Form # 10-90008-0

Work Order #

Company Name and Address: <u>Field Environmental Consulting, Inc.</u>				Account #:		Email:		
				Phone #:		<u>Steve C Field@mvttl.com</u>		
				Contact (Report to): <u>Steve Field</u>				
				Name of Samplers: <u>John Sogard</u>				
				Quote Number				Date Submitted:
Billing Address (indicate if different from above): <u>8612 Eagle Creek Parkway, Savage, MN 55378</u>				Project Name/Number: <u>Harriet Bishop ES-HB 23036</u>		Purchase Order #:		
				Sample Condition:		Received by:		Date:
Transferred by:		Date:	Time:	<u>AMB</u>	<u>Derek Delisle</u>	<u>25 APR 23</u>	<u>1330</u>	<u>60.2</u>
1. <u>[Signature]</u>		<u>4-22-23</u>	<u>106</u>	<u>AMB</u>	<u>DS</u>	<u>25 Apr 23</u>	<u>1330</u>	<u>20.2</u>
2. <u>[Signature]</u>								<u>20.2</u>
Comments: <u>Resampler</u>								

Sample Information								
Lab Use Only Lab Number	Sample ID	Sample Type	Date Sampled	Time Sampled	Analysis			
	2R-HB-Kitchen-S	water	4-22-23	64	Lead 200.8			
	4R-HB-Kitchen-S	1	1	1	1			
	-	-	-	-				
	-	-	-	-				
	-	-	-	-				
	-	-	-	-				
	-	-	-	-				
	-	-	-	-				
	-	-	-	-				

Enclosed are your containers for your sampling event. Completely fill and label containers appropriately for the analyses to be conducted. Complete chain of custody and submit with samples. For question regarding individual parameter holding times, chemical and thermal preservation and sample volumes please refer to our sample preservation guide on our website at www.mvttl.com or by contacting customer service at 1-800-782-3557. If samples show signs of contamination, inadequate preservation or are in any way compromised you will be contacted as to whether to proceed with analysis or submit a new sample.

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com

**Workorder:** Harriet Bishop ES-HB 23036 (13740)**Client:** Field Environmental Consulting**Sample Condition Checklist**

Date: 25 April 23 Time: 1340 ☐ AM ☒ PM By: DS
Account Name: Field Environmental Consulting Account #
Bill of Lading #: Cooler #:
Temp: 20.5 °C ROI ☐ Ambient ☒ Tracking #:
TMH: 771 Ice Crystals Present in Sample ☐
MVTL Courier: Dick Other:
MVTL Route: Eastern - 2 Walk-In ☐ UPS Air ☐ FedEx Air ☐ Speedee ☐
Mail ☐ UPS Ground ☐ FedEx Ground ☐
Containers Supplied by MVTL: Yes ☒ No ☐ Designate customer supplied containers as "Other" in container size column
Comments:

Number	Containers Size (mL)	Container Type	Preservation	pH
2	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₅ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
Low Level Mercury Kit				
!!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!				
4 oz Jar	Clear Amber	MeOH	None	n/a
2 oz Jar	Clear Amber	MeOH	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl H ₃ PO ₄ H ₂ SO ₄	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl 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

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

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Report Date: **Tuesday, May 16, 2023 10:40:51 AM**

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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: Nicollet Middle School (13542)
Account #: 73784

Client: Field Environmental Consulting
PO: 23036

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

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

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

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

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

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Report Date: Wednesday, May 10, 2023 5:35:14 PM

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www.MVTL.com



Workorder: Nicollet Middle School (13542)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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

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

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**Workorder:** Nicollet Middle School (13542)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID: 13542001 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 4 R NM Kit S **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	10.6	ug/L	15	EPA 200.8	05/04/2023 18:00	

Lab ID: 13542002 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 18 R NM Media Prod S **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	15.1	ug/L	15	EPA 200.8	05/04/2023 18:01	

Lab ID: 13542003 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 23 R NM 121 S **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	31.8	ug/L	15	EPA 200.8	05/09/2023 12:33	

Lab ID: 13542004 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 24 R NM 108 S (R) **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	9.44	ug/L	15	EPA 200.8	05/04/2023 18:02	

Lab ID: 13542005 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 26 R NM 106 S (L) **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	34.7	ug/L	15	EPA 200.8	05/09/2023 12:35	

Lab ID: 13542006 **Date Collected:** 04/21/2023 06:00 **Matrix:** Potable Water
Sample ID: 38 R NM 128 S **Date Received:** 04/25/2023 13:30
Temp @ Receipt (C):

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	3.33	ug/L	15	EPA 200.8	05/04/2023 18:03	

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Report Date: Wednesday, May 10, 2023 5:35:14 PM

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Nicollet Middle School (13542)

Client: Field Environmental Consulting

Field Environmental Consu
WO: 13542



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Report Date: Wednesday, May 10, 2023 5:35:14 PM

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Workorder: Nicollet Middle School (13542)

Client: Field Environmental Consulting



Minnesota Valley Testing Laboratories, Inc.

1126 North Front Street
New Ulm, MN 56073
Phone: (507) 354-8517

Fax: (507) 359-2890

Form # 10-90008-0

Chain of Custody Record

Page ____ of ____

Toll Free: (800) 782-3557		Fax: (507) 359-2890		Work Order # 13542				
Company Name and Address: Field Environmental Consulting, Inc.				Account #:	Email: Steve@fieldconsulting.com			
				Phone #:				
				Contact (Report to):	Steve Field			
				Name of Samplers:	Tom Jesse			
Billing Address (indicate if different from above): 8612 Eagle Creek Parkway, Savage, MN 55378				Quote Number:				
				Project Name/Number:	Nicollet Middle School 23036			
				Date Submitted:	4-25-23			
				Purchase Order #:				
Transferred by:		Date:	Time:	Sample Condition:	Received by:	Date:	Time:	Temp:
1. [Signature]		4-25-23	10A	AmB	[Signature]	25 Apr 23	1330	AmB
2.				AmB	[Signature]	25 Apr 23	1330	20.2
Comments: Remample								
Sample Information								
Lab Use Only	Sample ID	Sample Type	Date Sampled	Time Sampled	Analysis			
Lab Number								
	4 R - NM - Kit - S	water	4-25-23	6am	Lead 300 200.8			
	18 R - NM - media prod - S							
	23 R - NM - 121 - S							
	24 R - NM - 108 - S (R)							
	26 R - NM - 106 - S (L)							
	38 R - NM - 128 - S							
	- - -							
	- - -							
	- - -							
Enclosed are your containers for your sampling event. Completely fill and label containers appropriately for the analyses to be conducted. Complete chain of custody and submit with samples. For questions regarding individual parameter holding times, chemical and thermal preservation and sample volumes please refer to our sample preservation guide on our website at www.mvtl.com or by contacting customer service at 1-800-782-3557. If samples show signs of contamination, inadequate preservation or are in any way compromised you will be contacted as to whether to proceed with analysis or submit a new sample.								

Please submit the top two copies with your samples. We will return the completed original with your results.

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Nicollet Middle School (13542)

Client: Field Environmental Consulting



Sample Condition Checklist

Date: 25 April 23 Time: 1340 ☐ AM ☒ PM By: DS

Account Name: Field Environmental Consulting Account #:

Bill of Lading #: Cooler #:

Temp: 20.5 °C ROI ☐ Ambient ☒ Tracking #:

TM#: 771 Ice Crystals Present in Sample ☐

MVTL Courier: Dick Other:

MVTL Route: Eastern - 2 Walk-in ☐ UPS Air ☐ FedEx Air ☐ SpeedDee ☐

Mail ☐ UPS Ground ☐ FedEx Ground ☐

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

Comments:

Number	Containers Size (mL)	Container Type	Preservation	pH
<u>6</u>	(100) (120) (125) <u>(250)</u> (290) (500) (1000) Other	(G) <u>(P)</u> (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ <u>NONE</u> HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl 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 HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	Low Level Mercury Kit	**!!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!**		
	4 oz Jar	Clear Amber	MeOH None	n/a
	2 oz Jar	Clear Amber	MeOH None	n/a
	Vials Individual Set of 2 Set of 3	Clear Amber	HCl H ₃ PO ₄ H ₂ SO ₄ None	n/a
	Vials Individual Set of 2 Set of 3	Clear Amber	HCl 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	

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

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Report Date: Wednesday, May 10, 2023 5:35:14 PM

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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Sky Oaks ES-SK (13557)
Account #: 73784

Client: Field Environmental Consulting
PO: 23036

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

R. Dan O'Connell, Organic Chemistry Lab Manager New Ulm, MN

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

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

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

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Report Date: Friday, May 5, 2023 3:30:32 PM

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Workorder: Sky Oaks ES-SK (13557)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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Report Date: Friday, May 5, 2023 3:30:32 PM

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**Workorder:** Sky Oaks ES-SK (13557)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID: 13557001
Sample ID: 18 R SK 62 S
Temp @ Receipt (C):

Date Collected: 04/21/2023 06:30
Date Received: 04/25/2023 13:30

Matrix: Potable Water

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	9.41	ug/L	15	EPA 200.8	05/04/2023 19:08	

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Report Date: Friday, May 5, 2023 3:30:32 PM



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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.MVTL.com



Workorder: Sky Oaks ES-SK (13557)

Client: Field Environmental Consulting

Field Environmental Consu
WO: 13557



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www.MVTL.com

**Workorder:** Sky Oaks ES-SK (13557)**Client:** Field Environmental Consulting**Sample Condition Checklist**

Date: 25 April 23 Time: 13:00 ☐ AM ☒ PM By: DS

Account Name: Field Environmental Consulting Account #: _____

Bill of Lading #: _____ Cooler #: _____

Temp: 20.5 °C ROI ☐ Ambient ☒ Tracking #: _____

TMI: 771 Ice Crystals Present in Sample ☐

MVTL Courier: Dick Other: _____

MVTL Route: Eastern - 2 Walk-In ☐ UPS Air ☐ FedEx Air ☐ Speedee ☐
Mail ☐ UPS Ground ☐ FedEx Ground ☐

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

Comments:

Number	Containers Size (mL)	Container Type	Preservation	pH
1	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ <u>NONE</u> HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
Low Level Mercury Kit				
!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!				
4 oz Jar	Clear Amber	MeOH	None	n/a
2 oz Jar	Clear Amber	MeOH	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	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	

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www.MVTL.com



Workorder: Vista View ES-VV (13554)
Account #: 73784

Client: Field Environmental Consulting
PO: 23036

Steve Field
Field Environmental Consulting
8612 Eagle Creek Pkwy
Savage, MN 55378
USA

Certificate of Analysis**Approval**

All data reported has been reviewed and approved by:

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

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

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

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Report Date: Monday, May 8, 2023 1:33:07 PM

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MINNESOTA VALLEY TESTING LABORATORIES, INC.

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



Workorder: Vista View ES-VV (13554)

Client: Field Environmental Consulting

Workorder Summary

Workorder Comments

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

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

Report Date: Monday, May 8, 2023 1:33:07 PM

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**Workorder:** Vista View ES-VV (13554)**Client:** Field Environmental Consulting**Analytical Results**

Lab ID:	13554001	Date Collected:	04/21/2023 06:00	Matrix:	Potable Water	
Sample ID:	1 R VV Kitchen S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	6.05	ug/L	15	EPA 200.8	05/04/2023 17:06	

Lab ID:	13554002	Date Collected:	04/21/2023 06:00	Matrix:	Potable Water	
Sample ID:	22 R VV 118 S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	5.68	ug/L	15	EPA 200.8	05/04/2023 17:07	

Lab ID:	13554003	Date Collected:	04/21/2023 06:00	Matrix:	Potable Water	
Sample ID:	59 R VV 220 S	Date Received:	04/25/2023 13:30			
Temp @ Receipt (C):						
Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	46.7	ug/L	15	EPA 200.8	05/04/2023 17:08	

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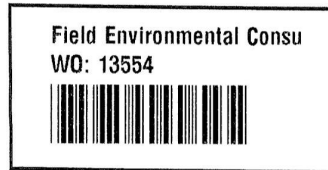
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Minnesota Valley Testing Laboratories, Inc.

1126 North Front Street
New Ulm, MN 56073

Phone: (507) 354-8517

Fax: (507) 359-2890

Form # 10-90008-0

Chain of Custody Record

Page 1 of 1

Toll Free: (800) 782-3557

Work Order # 13554

Company Name and Address:

Field Environmental Consulting, Inc.

Account #:

Email:

Phone #:

Steve@fieldconsultinginc.com

Contact (Report to):

Steve Field

Name of Samplers:

Billing Address (indicate if different from above):
8612 Eagle Creek Parkway, Savage, MN 55378

Quote Number

Date Submitted: 4-25-23

Project Name/Number:

Purchase Order #:

Vista View ES-VV 23036

Transferred by:

Date:

Time:

Sample Condition:

Received by:

Date:

Time:

Temp:

1. [Signature]
2. [Signature]

4-25-23 10:00

Am B

Am B

25 Apr 23

1330

Am B

Comments: Retampler

20.2
TH 774

20.2
TH 774

Sample Information

Lab Use Only Lab Number	Sample ID	Sample Type	Date Sampled	Time Sampled	Analysis
01	1R-VV - Kitchen - S	Water	4-25-23	6:00	Lead 200.8
02	22R-VV - 11B - S				
03	59R-VV - 220 - S				
	R - - -				
	R - - -				
	R - - -				
	R - - -				
	R - - -				
	R - - -				

Enclosed are your containers for your sampling event. Completely fill and label containers appropriately for the analyses to be conducted. Complete chain of custody and submit with samples. For questions regarding individual parameter holding times, chemical and thermal preservation and sample volumes please refer to our sample preservation guide on our website at www.mvtl.com or by contacting customer service at 1-800-782-3557. If samples show signs of contamination, inadequate preservation or are in any way compromised you will be contacted as to whether to proceed with analysis or submit a new sample.

Please submit the top two copies with your samples. We will return the completed original with your results.

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Member
ACIL

Workorder: Vista View ES-VV (13554)**Client:** Field Environmental Consulting**Sample Condition Checklist**

Date: 25 April 23 Time: 13:40 ☐ AM ☒ PM By: DS

Account Name: Field Environmental Consulting Account #

Bill of Lading #: Cooler #:

Temp: 26.5 °C ROI ☐ Ambient ☒ Tracking #:

TM#: 771 Ice Crystals Present in Sample ☐

MVTL Courier: Dick Other:

MVTL Route: Eastern - 2 Walk-in ☐ UPS Air ☐ FedEx Air ☐ Speedee ☐
Mail ☐ UPS Ground ☐ FedEx Ground ☐

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

Number	Containers Size (mL)	Container Type	Preservation	pH
<u>3</u>	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ <u>NONE</u> HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 <u>N/A</u> Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	NaHSO ₄ Na ₂ O ₃ S ₂ NONE HNO ₃ H ₂ SO ₄ NaOH HCl SUB*	<2 >9 >12 N/A Add
Low Level Mercury Kit				
I DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!				
4 oz Jar	Clear Amber	MeOH	None	n/a
2 oz Jar	Clear Amber	MeOH	None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	H ₃ PO ₄ H ₂ SO ₄ None	n/a
Vials Individual Set of 2 Set of 3	Clear Amber	HCl	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	

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

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