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1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
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Workorder: Plymouth Creek (32805)
Account #: 2190
Project #: 202310677

Client: Institute for Environmental Assessment (IEA)
PO: 202310677

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

Certificate of Analysis

Approval

All data reported has been reviewed and approved by:



Jason Smith, Production Director New Ulm, MN

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

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

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

Workorder Comments

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

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805001 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-01 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen A173 KS 1-North SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**27.0**	ug/L	15	EPA 200.8	11/13/2023 21:10	

Lab ID: 32805002 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-02 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen A173 KS 2-South of KS 1

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**27.4**	ug/L	15	EPA 200.8	11/13/2023 21:11	

Lab ID: 32805003 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-03 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen A173 KS 3-North Dishwashing SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**23.3**	ug/L	15	EPA 200.8	11/13/2023 21:12	

Lab ID: 32805004 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-04 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen A173 KS 4-South Dishwashing SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**23.0**	ug/L	15	EPA 200.8	11/13/2023 21:21	

Lab ID: 32805005 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-05 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen A173 SPR-1

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**4.21**	ug/L	15	EPA 200.8	11/13/2023 21:22	

Lab ID: 32805006 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-10 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Corridor A162-West WC

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:23	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805007 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-11 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Corridor A162-East WC

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:24	

Lab ID: 32805008 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-13 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Corridor A162-WBF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:25	

Lab ID: 32805009 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-14 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Office A163A

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.85**	ug/L	15	EPA 200.8	11/13/2023 21:26	

Lab ID: 32805010 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-18 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A159/135 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.59**	ug/L	15	EPA 200.8	11/13/2023 21:27	

Lab ID: 32805011 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-20 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A156/134 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:28	

Lab ID: 32805012 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-22 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A155/133 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.77**	ug/L	15	EPA 200.8	11/13/2023 21:29	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805013 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-24 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A154/132 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.53**	ug/L	15	EPA 200.8	11/13/2023 21:30	

Lab ID: 32805014 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-26 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A153/131 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.56**	ug/L	15	EPA 200.8	11/13/2023 21:39	

Lab ID: 32805015 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-28 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A152/130 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:40	

Lab ID: 32805016 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-30 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A151/129 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.57**	ug/L	15	EPA 200.8	11/13/2023 21:41	

Lab ID: 32805017 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-32 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A150/128 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.26**	ug/L	15	EPA 200.8	11/13/2023 21:42	

Lab ID: 32805018 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-34 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A148/127 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.25**	ug/L	15	EPA 200.8	11/13/2023 21:43	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805019 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-36 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A146/126 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**5.03**	ug/L	15	EPA 200.8	11/13/2023 21:44	

Lab ID: 32805020 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-37 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Outside A144&A145 RRs-WBF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:45	

Lab ID: 32805021 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-39 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A142/125 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.92**	ug/L	15	EPA 200.8	11/13/2023 21:46	

Lab ID: 32805022 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-41 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A141/124 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:47	

Lab ID: 32805023 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-42 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A139/123 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.43**	ug/L	15	EPA 200.8	11/14/2023 13:45	

Lab ID: 32805024 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-43 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A139/123 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.94**	ug/L	15	EPA 200.8	11/13/2023 21:48	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805025 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-45 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A137/122 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.32**	ug/L	15	EPA 200.8	11/13/2023 21:56	

Lab ID: 32805026 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-46 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Outside A126&A127 RRs WBF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 21:57	

Lab ID: 32805027 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-47 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A136/121 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.76**	ug/L	15	EPA 200.8	11/13/2023 21:59	

Lab ID: 32805028 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-48 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A136/121 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.86**	ug/L	15	EPA 200.8	11/13/2023 22:00	

Lab ID: 32805029 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-49 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A135/120 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.11**	ug/L	15	EPA 200.8	11/13/2023 22:01	

Lab ID: 32805030 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-50 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A135/120 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**7.19**	ug/L	15	EPA 200.8	11/13/2023 22:02	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805031 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-51 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A134/119 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.19**	ug/L	15	EPA 200.8	11/13/2023 22:03	

Lab ID: 32805032 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-52 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A134/119 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**6.39**	ug/L	15	EPA 200.8	11/13/2023 22:04	

Lab ID: 32805033 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-53 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A133/118 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.02**	ug/L	15	EPA 200.8	11/13/2023 22:05	

Lab ID: 32805034 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-54 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A133/118 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 22:06	

Lab ID: 32805035 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-55 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A132/117 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**59.2**	ug/L	15	EPA 200.8	11/14/2023 13:46	

Lab ID: 32805036 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-56 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A132/117 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**10.7**	ug/L	15	EPA 200.8	11/13/2023 22:14	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805037 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-57 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A131/116 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**4.43**	ug/L	15	EPA 200.8	11/13/2023 22:15	

Lab ID: 32805038 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-58 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A131/116 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.29**	ug/L	15	EPA 200.8	11/13/2023 22:16	

Lab ID: 32805039 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-59 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A129/115 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.10**	ug/L	15	EPA 200.8	11/13/2023 22:17	

Lab ID: 32805040 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-60 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A129/115 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.66**	ug/L	15	EPA 200.8	11/13/2023 22:18	

Lab ID: 32805041 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-61 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A128/114 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**4.22**	ug/L	15	EPA 200.8	11/13/2023 22:19	

Lab ID: 32805042 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-62 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A128/114 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**71.4**	ug/L	15	EPA 200.8	11/13/2023 22:21	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805043 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-63 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A128/114 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**9.29**	ug/L	15	EPA 200.8	11/13/2023 22:22	

Lab ID: 32805044 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-64 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A128/114 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**13.0**	ug/L	15	EPA 200.8	11/13/2023 21:55	

Lab ID: 32805045 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-65 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A125/113 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.51**	ug/L	15	EPA 200.8	11/13/2023 21:56	

Lab ID: 32805046 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-66 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A125/113 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.44**	ug/L	15	EPA 200.8	11/13/2023 21:58	

Lab ID: 32805047 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-67 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A120/112 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.28**	ug/L	15	EPA 200.8	11/13/2023 21:59	

Lab ID: 32805048 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-68 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A120/112 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**7.22**	ug/L	15	EPA 200.8	11/13/2023 22:00	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805049 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-71 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Health A104-SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.87**	ug/L	15	EPA 200.8	11/13/2023 22:01	

Lab ID: 32805050 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-72 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Teacher Lounge A102c SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.59**	ug/L	15	EPA 200.8	11/13/2023 22:02	

Lab ID: 32805051 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-73 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Teacher Lounge A102c HWD

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 22:03	

Lab ID: 32805052 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-74 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A106/105 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 22:04	

Lab ID: 32805053 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-77 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A111/101 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.58**	ug/L	15	EPA 200.8	11/13/2023 22:06	

Lab ID: 32805054 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-78 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A111/101 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**24.9**	ug/L	15	EPA 200.8	11/13/2023 22:15	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805055 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-79 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A112/104 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.52**	ug/L	15	EPA 200.8	11/13/2023 22:16	

Lab ID: 32805056 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-80 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A112/104 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.94**	ug/L	15	EPA 200.8	11/13/2023 22:17	

Lab ID: 32805057 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-81 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A114/102 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.97**	ug/L	15	EPA 200.8	11/13/2023 22:18	

Lab ID: 32805058 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-82 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A114/102 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.02**	ug/L	15	EPA 200.8	11/13/2023 22:19	

Lab ID: 32805059 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-83 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A115/103 DF

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**3.24**	ug/L	15	EPA 200.8	11/13/2023 22:21	

Lab ID: 32805060 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-84 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Room A115/103 SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**1.41**	ug/L	15	EPA 200.8	11/13/2023 22:22	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805061 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-85 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen HW SNK 1

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**4.26**	ug/L	15	EPA 200.8	11/13/2023 22:23	

Lab ID: 32805062 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-86 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen HW SNK 2

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**14.8**	ug/L	15	EPA 200.8	11/13/2023 22:24	

Lab ID: 32805063 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-87 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Kitchen HW SNK 3

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**13.3**	ug/L	15	EPA 200.8	11/13/2023 22:25	

Lab ID: 32805064 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-88 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Media Work Room SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**0.81**	ug/L	15	EPA 200.8	11/13/2023 22:34	

Lab ID: 32805065 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-89 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Art East SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	**2.41**	ug/L	15	EPA 200.8	11/13/2023 22:36	

Lab ID: 32805066 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-90 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Art Center SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 22:37	

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Analytical Results

Lab ID: 32805067 **Date Collected:** 10/31/2023 06:15 **Matrix:** Potable Water
Sample ID: 10312023PCES-91 **Date Received:** 10/31/2023 14:30
Temp @ Receipt (C):
Sample Desc: Art West SNK

Parameter	Results	Units	MCL	Method	Analyzed	Qual
Lead	<0.5	ug/L	15	EPA 200.8	11/13/2023 22:38	

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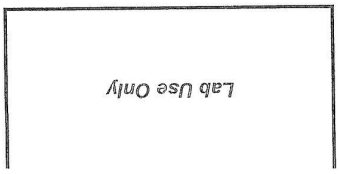
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Institute for Environmental
WO: 32805

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32805

Chain of Custody

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Brooklyn Park, MN 55445
763.315.7900 1.800.233.9513

Client Name	Wayzata Public Schools	Building Name	Plymouth Creek	Analytical Lab	MVTL
Contact Name		Project #	202310677	Project Name:	Wayzata Public Schools LIW Testing
Phone #	763-315-7900	IEA Fax #	763-315-7920	Written Sample Results To	
Other Information					
Sampled By	Emma Hillis	Date	10/31/2023	Time	6:15 AM
Shipped By		Date		Time	
Received By		Date		Time	

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

Lab Numbe	Sample Number	Sample Location	Sample Type			Date Sampled	Volume/ Bottle Type	Analysis Required	Comments & Observations
			Water	Soil	Other				
	10312023PCES-01	Kitchen A173 KS 1 - North SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-02	Kitchen A173 KS 2 - South of KS 1	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-03	Kitchen A173 KS 3 - North Dishwashing SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-04	Kitchen A173 KS 4 - South Dishwashing SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-05	Kitchen A173 SPR 1	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-06	~~Kitchen A173 SPR 2~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-07	~~Kitchen A173 SNK 4~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-08	~~Gym A170 - 1~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	shut down since covid
	10312023PCES-09	~~Gym A170 - 2~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	shut down since covid
	10312023PCES-10	Corridor A162 - West WC	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-11	Corridor A162 - East WC	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-12	~~Commons A166 - 1 (outside Storage A166b)~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-13	Corridor A162 - WBF	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-14	Office A163a	X			10/31/2023	250mL unpreserved	Lead	in classroom 163, not office
	10312023PCES-15	~~Room A161/210 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-16	~~Room A161/210 SNK~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-17	~~Room A159/135 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-18	Room A159/135 SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-19	~~Room A156/134 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-20	Room A156/134 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-21	~~Room A155/133 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-22	Room A155/133 SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-23	~~Room A154/132 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-24	Room A154/132 SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-25	~~Room A153/131 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-26	Room A153/131 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-27	~~Room A152/130 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-28	Room A152/130 SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-29	~~Room A151/129 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-30	Room A151/129 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-31	~~Room A150/128 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist
	10312023PCES-32	Room A150/128 SNK	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-33	~~Room A148/127 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	does not exist

31 Oct 23 JC 1250/1430 Amb
20.0 TM 774

SP 31 Oct 23 1430 JC
20.0 774

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

1031202302CES-34	Room A148/127 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-35	~~Room A146/126 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-36	Room A146/126 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-37	Outside A144 & A145 RRs - WBF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-38	~~Room A142/125 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-39	Room A142/125 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-40	~~Room A141/124 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-41	Room A141/124 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-42	Room A139/123 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-43	Room A139/123 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-44	~~Room A137/122 DF~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-45	Room A137/122 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-46	Outside A126 & A127 RRs WBF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-47	Room A136/121 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-48	Room A136/121 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-49	Room A135/120 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-50	Room A135/120 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-51	Room A134/119 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-52	Room A134/119 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-53	Room A133/118 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-54	Room A133/118 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-55	Room A132/117 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-56	Room A132/117 SNK				10/31/2023	250mL unpreserved	Lead	
1031202302CES-57	Room A131/116 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-58	Room A131/116 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-59	Room A129/115 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-60	Room A129/115 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-61	Room A128/114 DF	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-62	Room A128/114 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-63	Room A128/114 DF	X			10/31/2023	250mL unpreserved	Lead	duplicate sample
1031202302CES-64	Room A128/114 SNK	X			10/31/2023	250mL unpreserved	Lead	duplicate sample
1031202302CES-65	Room A125/113 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-66	Room A125/11 3SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-67	Room A120/112 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-68	Room A120/112 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-69	~~Art A127 SNK~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-70	~~Art A127 SNK~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-71	Health A104 - SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-72	Teacher Lounge A102c SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-73	Teacher Lounge A102c HWD	X			10/31/2023	250mL unpreserved	Lead	hot water from culligan machine
1031202302CES-74	Room A106/105 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-75	~~Homebase A108~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~Refer to sample A106 above~~
1031202302CES-76	~~Homebase A108~~	~~X~~			~~10/31/2023~~	~~250mL unpreserved~~	~~Lead~~	~~does not exist~~
1031202302CES-77	Room A111/101 DF	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-78	Room A111/101 SNK	X			10/31/2023	250mL unpreserved	Lead	
1031202302CES-79	Room A112/104 DF	X			10/31/2023	250mL unpreserved	Lead	NFD
1031202302CES-80	Room A112/104 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD

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Report Date: Wednesday, November 15, 2023 2:01:12 PM

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

	10312023PCES-81	Room A114/102 DF	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-82	Room A114/102 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-83	Room A115/103 DF	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-84	Room A115/103 SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-85	Kitchen HW SNK 1	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-86	Kitchen HW SNK 2	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-87	Kitchen HW SNK 3	X			10/31/2023	250mL unpreserved	Lead	
	10312023PCES-88	Media Work Room SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-89	Art East SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-90	Art Center SNK	X			10/31/2023	250mL unpreserved	Lead	NFD
	10312023PCES-91	Art West SNK	X			10/31/2023	250mL unpreserved	Lead	NFD

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Workorder: Plymouth Creek (32805) **Client:** Institute for Environmental Assessment (IEA)

Sample Condition Checklist

Date: 31 Oct 23 Time: 1c1:37 ☐ AM ☑ PM By: Dawn

Account Name: IEA Account # —

Bill of Lading #: Cooler #: —

Temp: 16.6 °C ~~IR~~ ☑ Ambient ☑ Tracking #: —

TM#: 774 Ice Crystals Present in Sample ☐

MVTL Courier: Other: —

MVTL Route: Mathiesen Walk-In ☐ UPS Air ☐ FedEx Air ☐ SpeeDee ☐

Mail ☐ UPS Ground ☐ Fed Ex Ground ☐

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

Comments:

Number	Containers Size (mL)	Container Type	Preservation	pH
67	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	(100) (120) (125) (250) (290) (500) (1000) Other	(G) (P) (AG) (AP)	$NaHSO_4$ $Na_2O_3S_2$ NONE HNO_3 H_2SO_4 NaOH HCl SUB*	<2 >9 >12 N/A Add
	Low Level Mercury Kit	***!!DO NOT OPEN THE PLASTIC BAGS HOLDING THE SAMPLE BOTTLES!!!**		
	4 oz Jar	Clear Amber	MeOH None	n/a
	2 oz Jar	Clear Amber	MeOH None	n/a
	Vials Individual Set of 2 Set of 3	Clear Amber	HCl H_3PO_4 H_2SO_4 None	n/a
	Vials Individual Set of 2 Set of 3	Clear Amber	HCl H_3PO_4 H_2SO_4 None	n/a
	Trip Blank Individual Set of 2 Set of 3	n/a		
	Moisture Vial	n/a		
	Manure Bottle	n/a		

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

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