



Results Report

Order ID: 2E02937

Karl Environmental Group
20 Lauck Road
Mohnton, PA 19540

Project: Green Brook Middle School
132 Jefferson Ave
Green Brook, NJ 08812

Attn: Varsha Swaminathan

Regulatory ID:

Sample Number: 2E02937-01
Collector: DH

Site: GBMS-BLANK
Collect Date: 05/10/2022 7:30 am

Sample ID: BLANK
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 05/23/22 RPV 05/23/22 16:21 MKS

Sample Number: 2E02937-02
Collector: DH

Site: GBMS-KIT-FP-SK-01
Collect Date: 05/10/2022 6:11 am

Sample ID: Kit. Center FP Sink
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 1.47 µg/L EPA 200.8 1.00 1 05/23/22 RPV 05/23/22 16:23 MKS

Sample Number: 2E02937-03
Collector: DH

Site: GBMS-KIT-FP-02
Collect Date: 05/10/2022 6:19 am

Sample ID: Kit. FP Kettle Pot Filler
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 5.71 µg/L EPA 200.8 1.00 1 05/23/22 RPV 05/23/22 16:25 MKS

Sample Number: 2E02937-04
Collector: DH

Site: GBMS-KIT-IM-03
Collect Date: 05/10/2022 7:41 am

Sample ID: Ice Machine across from Kitchen
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 05/23/22 RPV 05/23/22 12:52 MKS

Sample Number: 2E02937-05
Collector: DH

Site: GBMS-WC-CAFE-04
Collect Date: 05/10/2022 6:33 am

Sample ID: Cafeteria Water Cooler
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 05/23/22 RPV 05/23/22 16:28 MKS

Report Generated On: 05/24/2022 12:46 pm
STL_Results Revision #2.0

2E02937
Effective: 04/20/2022





SUBURBAN TESTING LABS

Sample Number: 2E02937-06	Site: GBMS-WC-Hall 220-05	Sample ID: Hallway outside Faculty Lunchy Room
Collector: DH	Collect Date: 05/10/2022 6:32 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:30	MKS
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Sample Number: 2E02937-07	Site: GBMS-WCL-Cafe Hall-06	Sample ID: Across from Rm 213
Collector: DH	Collect Date: 05/10/2022 6:37 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:32	MKS
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Sample Number: 2E02937-08	Site: GBMS-WCR-112 Hall-08	Sample ID: Across drom Rm 112
Collector: DH	Collect Date: 05/10/2022 6:41 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:34	MKS
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Sample Number: 2E02937-09	Site: GBMS-WCR-Media Hall-10	Sample ID: Across from Media Center
Collector: DH	Collect Date: 05/10/2022 6:45 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4 µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:40	MKS
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Sample Number: 2E02937-10	Site: GBMS-WCL-Sink1MainOffice	Sample ID: Main Office
Collector: DH	Collect Date: 05/10/2022 7:02 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4 µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:42	MKS
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Sample Number: 2E02937-11	Site: GBMS-WCR-300 Hall-16	Sample ID: Across from Rm 300
Collector: DH	Collect Date: 05/10/2022 6:56 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4 µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:44	MKS
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Report Generated On: 05/24/2022 12:46 pm 2E02937
 STL_Results Revision #2.0 Effective: 04/20/2022





Sample Number: 2E02937-12	Site: GBMS-WCR-321 Hall-18	Sample ID: Across from 321
Collector: DH	Collect Date: 05/10/2022 6:48 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:46	MKS
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Sample Number: 2E02937-13	Site: GBMS-KIT-FP-03	Sample ID: Pot Filler Rear Wall
Collector: DH	Collect Date: 05/10/2022 6:21 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:48	MKS
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Sample Number: 2E02937-14	Site: GBMS-BOARDOFFICE	Sample ID: Sink 1
Collector: DH	Collect Date: 05/10/2022 7:01 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	C4	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 16:51	MKS
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Sample Number: 2E02937-15	Site: GBMS-KIT-FPREARWALL	Sample ID: Sink
Collector: DH	Collect Date: 05/10/2022 6:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	2.38		µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 17:22	MKS
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Data Qualifiers:

C4 The CCV for this analyte was above acceptance criteria, however the analyte was not detected in the associated sample. Data may be fully useable under the applicable TNI Standard.

Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

Units P/A = Present/Absent
Units P/F = Pass/Fail

Report Generated On: 05/24/2022 12:46 pm 2E02937
STL_Results Revision #2.0 Effective: 04/20/2022





SUBURBAN TESTING LABS

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Ryan F Knerr
Project Manager II

Report Generated On: 05/24/2022 12:46 pm 2E02937
STL_Results Revision #2.0 Effective: 04/20/2022





2E02937
Ryan F Knerr

TAT(Check One): Standard 24hr 48hr 72hr Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group

Address: 20 Lauck Road

Mohnton PA 19540

Contact Name: David Hopkins

Email: dhopkins@karlenv.com

P.O. Info: 22-0584

Address: 22-0584 Green Brook Township School District

Green Brook Middle School

132 Jefferson Ave. Green Brook NJ 08812

Regulatory ID (SDWA/Permit #): _____

Comments:

*NJ 200.8 Lead in Drinking water - FIRST DRAW

Page 1 of _____

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
	GBMS-BLANK	5/10/2022	730	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	BLANK
	GBMS-KIT-FP-SK-01	5/16/2022	611	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Kit. Center FP Sink
	GBMS-KIT-FP-02	5/10/2022	619	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Kit. FP Kettle Pot Filler
	GBMS-KIT-IM-03	5/16/2022	736	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Ice Machine across from Kitchen
	GBMS-WC-Cafe-04	5/10/2022	633	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Cafeteria Water Cooler
	GBMS-WC-Hall 220-05	5/10/2022	632	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Hallway outside Faculty Lunch Room
	GBMS-WCL-Cafe Hall-06	5/16/2022	637	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 213
*	GBMS-WCR-Cafe Hall-07	5/16/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 213

Relinquished By: <i>David Hopkins</i>	Count 7	Date: 5/16/22 Time: 946 AM	Temp °C: _____	Sample Conditions Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Bottle Type Key P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other
Received By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	SDWA Sample Types D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence
Relinquished By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Received in Lab By: <i>MAW</i>	7	Date: 5/16/22 Time: 946	Temp °C: _____ Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Tests within holding times? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Preservative Key A = Ascorbic Acid C = HCl H = HNO ₃ N = Sodium Thiosulfate OH = NaOH S = H ₂ SO ₄ O = Other NA = None Required	
		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.5 Effective April 24, 2020. Shaded areas are for STL use only.

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610-37



2E02937
Ryan F Knerr

Check One: Standard 24hr 48hr 72hr Other
Additional charges may apply for rush TAT. If not specified, standard TAT will apply.

Order ID: _____

Client Name: Karl Environmental Group

Address: 20 Lauck Road
Mohnton PA 19540

Contact Name: David Hopkins

Phone: 610-856-7700

Email: dhopkins@karlenv.com

P.O. Info: 22-0584

584 Green Brook Township School District

Address: Green Brook Middle School
132 Jefferson Ave. Green Brook NJ 08812

Regulatory ID (SDWA/Permit #): _____

Comments:

*NJ 200.8 Lead in Drinking water - FIRST DRAW

Page 2 of ____

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
	GBMS-WCR-112 Hall-08	5/10/2022	641	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 112
*	GBMS-WCL-112 Hall-09	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 112
	GBMS-WCR-Media Hall-10	5/10/2022	645	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Media Center
*	GBMS-WCL-Media Hall-11	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Media Center
*	GBMS-WCR-101 Hall-12	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 101
*	GBMS-WCL-101 Hall-13	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 101
*	GBMS-WCR-301 Hall-14	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 301
*	GBMS-WCL-301 Hall-15	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 301

GBMS-WCL - Sink 1 Main Office 5/10/22 702 DH 200.8 Lead IN Water NJDOE 1 PW G P H Main Office

Relinquished By: <i>David Hopkins</i>	Count 3	Date: <i>5/10/22</i> Time: <i>9:46 AM</i>	Temp °C: _____	Sample Conditions Submitted with COC? <i>Y/N</i>	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Bottle Type Key P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other
Received By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y/N	Number of containers match number on COC? <i>Y/N</i>	Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	SDWA Sample Types D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence
Relinquished By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y/N	All containers in tact? <i>Y/N</i>		
Received in Lab By: <i>MW</i>	3	Date: <i>5/10/22</i> Time: <i>9:46</i>	Temp °C: <i>74</i> Acceptable: <i>Y/N</i>	Tests within holding times? <i>Y/N</i>		
				40 mL VOA vials free of headspace? <i>Y/N</i>		

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.5 Effective April 24, 2020. Shaded areas are for STL use only.

* = Removed



2E02937
Ryan F Knerr

TAT (Check One): Standard 24hr 48hr 72hr Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Karl Environmental Group
Address: 20 Lauck Road Phone: 610-856-7700
Mohnton PA 19540 Email: dhopkins@karlenv.com
Contact Name: David Hopkins P.O. Info: 22-0584

Address: 22-0584 Green Brook Township School District
Green Brook Middle School
132 Jefferson Ave. Green Brook NJ 08812
Regulatory ID (SDWA/Permit #): _____

Comments:

*NJ 200.8 Lead in Drinking water - FIRST DRAW

Page 3 of _____

STL Sample Number	Sample Description / Site ID	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
(15) 250ml Pw/HNO ₃ PH 2.2 5/10/22 MN												
	GBMS-WCR-300 Hall-16	5/10/2022	656	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 300	
X	GBMS-WCL-300 Hall-17	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 300	
	GBMS-WCR-321 Hall-18	5/10/2022	648	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from 321	
X	GBMS-WCL-321 Hall-19	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Across from Rm 321	
X	GBMS-WC-B-LKRM-20	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Boy's Locker Room	
X	GBMS-FAU-OLR-21	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Old Laundry Rm Faucet	
X	GBMS-WC-G-LKRM-22	5/10/2022		DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Girl's Locker Room	
	GBMS-KIT-FP-03	5/10/22	621	DH	200.8 LEAD IN WATER NJDOE	1	PW	G	P	H	Pot Filler Rear wall	
	GBMS-BOARD OFFICE	5/10/22	701	DH	200.8 Lead IN Water NJDOE	1	PW	G	P	H	Sink	

Relinquished By: <i>David Hopkins</i>	Count <i>34</i>	Date: <i>5/10/22</i>	Temp °C: _____	Sample Conditions Submitted with COC? <i>Y/N</i>	Matrix Key NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Bottle Type Key P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other
Received By:		Date: <i>5/10/22</i>	Temp °C: _____	Number of containers match number on COC? <i>Y/N</i>	Sample Type Key G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	SDWA Sample Types D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence
Relinquished By:		Date: <i>5/10/22</i>	Temp °C: _____	All containers in tact? <i>Y/N</i>		
Received in Lab By: <i>MN</i>	<i>5</i>	Date: <i>5/10/22</i>	Temp °C: <i>12/22</i>	Tests within holding times? <i>Y/N</i>		
		Date: <i>5/10/22</i>	Temp °C: _____	40 mL VOA vials free of headspace? <i>Y/N</i>		

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KIT-FP Rear Wall 5/10/22 630 VS 200.8 lead in water NJDOE, 1, PW, G, P, H, Sink

X - Removed