

ANALYTICAL REPORT

June 29, 2023

Work Order: 1GF1242

Page 1 of 21

Report To
Travis Larson Waterloo Water Works 325 Sycamore St, PO Box 27 Waterloo, IA 50704

Work Order Information
Date Received: 6/13/2023 12:20:00PM Collector: Unknown Phone: (319) 232-6280 PO Number:

Project: Lead & Copper

Project Number: 0790074

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-01	Forest Ave.			Matrix: Drink Wtr		Collected: 06/06/23 04:29	
Copper, total	0.0238 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 4:41	
Lead, total	0.0014 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 4:41	
1GF1242-02	Patton Ave.			Matrix: Drink Wtr		Collected: 06/06/23 17:24	
Copper, total	0.0720 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 4:46	
Lead, total	0.0019 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 4:46	
1GF1242-03	Bertch Ave.			Matrix: Drink Wtr		Collected: 06/06/23 07:15	
Copper, total	0.112 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 4:52	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 4:52	
1GF1242-04	Bertch Ave.			Matrix: Drink Wtr		Collected: 06/06/23 07:30	
Copper, total	0.0640 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 4:57	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 4:57	
1GF1242-05	Newton St.			Matrix: Drink Wtr		Collected: 06/06/23 05:52	
Copper, total	0.0736 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 5:02	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 5:02	
1GF1242-06	Kirkwood Ave.			Matrix: Drink Wtr		Collected: 06/06/23 08:00	
Copper, total	0.0486 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 5:08	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 5:08	
1GF1242-07	Newton St.			Matrix: Drink Wtr		Collected: 06/06/23 04:00	
Copper, total	0.162 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 5:24	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 5:24	
1GF1242-08	Lakeside St.			Matrix: Drink Wtr		Collected: 06/06/23 05:05	
Copper, total	0.0858 mg/L	0.0025	1GF1378	200.8	RVV	06/28/23 5:29	
Lead, total	<0.0010 mg/L	0.0010	1GF1378	200.8	RVV	06/28/23 5:29	
1GF1242-09	925 Cornwall Ave.			Matrix: Drink Wtr		Collected: 06/06/23 05:52	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Waterloo Water Works
325 Sycamore St, PO Box 27
Waterloo, IA 50704

June 29, 2023

Page 2 of 21

Work Order: 1GF1242

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-09	Cornwall Ave.			Matrix: Drink Wtr		Collected: 06/06/23 05:52	
Copper, total	0.0105 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 5:45	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 5:45	
1GF1242-10	Wallgate Ave.			Matrix: Drink Wtr		Collected: 06/06/23 04:40	
Copper, total	0.0404 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:01	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:01	
1GF1242-11	Scott Ave.			Matrix: Drink Wtr		Collected: 06/06/23 05:00	
Copper, total	0.130 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:07	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:07	
1GF1242-12	Edgebrooke Dr.			Matrix: Drink Wtr		Collected: 06/06/23 06:15	
Copper, total	0.124 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:12	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:12	
1GF1242-13	Wendy Rd.			Matrix: Drink Wtr		Collected: 06/06/23 09:00	
Copper, total	0.135 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:28	
Lead, total	0.0026 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:28	
1GF1242-14	Prospect Blvd.			Matrix: Drink Wtr		Collected: 06/06/23 06:50	
Copper, total	0.111 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:33	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:33	
1GF1242-15	Jane St.			Matrix: Drink Wtr		Collected: 06/06/23 10:13	
Copper, total	0.0822 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:39	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:39	
1GF1242-16	Matthew Dr.			Matrix: Drink Wtr		Collected: 06/06/23 08:48	
Copper, total	0.151 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:44	
Lead, total	0.0018 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:44	
1GF1242-17	Excelsior Ln.			Matrix: Drink Wtr		Collected: 06/06/23 06:00	
Copper, total	0.185 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:49	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:49	
1GF1242-18	Aspen Dr.			Matrix: Drink Wtr		Collected: 06/06/23 07:10	
Copper, total	0.119 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 6:55	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 6:55	
1GF1242-19	Jane St.			Matrix: Drink Wtr		Collected: 06/06/23 06:08	
Copper, total	0.0453 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 7:00	
Lead, total	0.0019 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 7:00	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Waterloo Water Works
325 Sycamore St, PO Box 27
Waterloo, IA 50704

June 29, 2023

Page 3 of 21

Work Order: 1GF1242

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-20	Werner Dr.			Matrix: Drink Wtr		Collected: 06/06/23 07:31	
Copper, total	0.0942 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 7:06	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 7:06	
1GF1242-21	Harbin Dr.			Matrix: Drink Wtr		Collected: 06/06/23 07:15	
Copper, total	0.0699 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 7:11	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 7:11	
1GF1242-22	Jodi Dr.			Matrix: Drink Wtr		Collected: 06/06/23 09:45	
Copper, total	0.0717 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 7:16	
Lead, total	<0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 7:16	
1GF1242-23	Midland St.			Matrix: Drink Wtr		Collected: 06/06/23 06:30	
Copper, total	0.168 mg/L	0.0025	1GF1379	200.8	RVV	06/28/23 7:32	
Lead, total	0.0010 mg/L	0.0010	1GF1379	200.8	RVV	06/28/23 7:32	
1GF1242-24	Fairview Ave.			Matrix: Drink Wtr		Collected: 06/06/23 06:45	
Copper, total	0.0775 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 15:33	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 15:33	
1GF1242-25	Mark Dr.			Matrix: Drink Wtr		Collected: 06/06/23 07:05	
Copper, total	0.0865 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 15:46	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 15:46	
1GF1242-26	Jodi Dr.			Matrix: Drink Wtr		Collected: 06/05/23 11:04	
Copper, total	0.0921 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 15:50	
Lead, total	0.0028 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 15:50	
1GF1242-27	Matthew Dr.			Matrix: Drink Wtr		Collected: 06/06/23 06:24	
Copper, total	0.0891 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 15:54	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 15:54	
1GF1242-28	Clearview St.			Matrix: Drink Wtr		Collected: 06/06/23 15:00	
Copper, total	0.209 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:07	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:07	
1GF1242-29	Audubon Dr.			Matrix: Drink Wtr		Collected: 06/09/23 06:00	
Copper, total	0.0566 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:11	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:11	
1GF1242-30	Audubon Dr.			Matrix: Drink Wtr		Collected: 06/09/23 06:40	
Copper, total	0.197 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:15	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:15	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Waterloo Water Works
325 Sycamore St, PO Box 27
Waterloo, IA 50704

June 29, 2023

Page 4 of 21

Work Order: 1GF1242

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-31	Newton St.			Matrix: Drink Wtr		Collected: 06/06/23 05:29	
Copper, total	0.0262 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:19	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:19	
1GF1242-32	Beech St.			Matrix: Drink Wtr		Collected: 06/06/23 06:50	
Copper, total	0.0268 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:24	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:24	
1GF1242-33	Keystone St.			Matrix: Drink Wtr		Collected: 06/06/23 05:00	
Copper, total	0.0181 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:28	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:28	
1GF1242-34	Dawson St.			Matrix: Drink Wtr		Collected: 06/06/23 06:50	
Copper, total	0.203 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:32	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:32	
1GF1242-35	Upton Ave.			Matrix: Drink Wtr		Collected: 06/06/23 07:06	
Copper, total	0.109 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:36	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:36	
1GF1242-36	Evergreen Ave.			Matrix: Drink Wtr		Collected: 06/06/23 05:45	
Copper, total	0.0580 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:40	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:40	
1GF1242-37	Hickory St.			Matrix: Drink Wtr		Collected: 06/06/23 06:00	
Copper, total	0.0690 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:45	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:45	
1GF1242-38	Cornwall Ave.			Matrix: Drink Wtr		Collected: 06/06/23 08:00	
Copper, total	0.0204 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 16:57	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 16:57	
1GF1242-39	Patton Ave.			Matrix: Drink Wtr		Collected: 06/06/23 08:50	
Copper, total	0.0308 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 17:01	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 17:01	
1GF1242-40	Cutler St.			Matrix: Drink Wtr		Collected: 06/06/23 06:30	
Copper, total	0.0445 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 17:06	
Lead, total	0.0013 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 17:06	
1GF1242-41	Hillside Ave.			Matrix: Drink Wtr		Collected: 06/06/23 11:54	
Copper, total	0.144 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 17:10	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 17:10	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Waterloo Water Works
325 Sycamore St, PO Box 27
Waterloo, IA 50704

June 29, 2023

Page 5 of 21

Work Order: 1GF1242

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-42	Columbia Circle			Matrix: Drink Wtr		Collected: 06/06/23 07:30	
Copper, total	0.0311 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 17:14	
Lead, total	<0.0010 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 17:14	
1GF1242-43	Holly Ln.			Matrix: Drink Wtr		Collected: 06/07/23 05:45	
Copper, total	0.0686 mg/L	0.0025	1GF1449	200.8	RVV	06/28/23 17:18	
Lead, total	0.0014 mg/L	0.0010	1GF1449	200.8	RVV	06/28/23 17:18	
1GF1242-44	Olympic Dr.			Matrix: Drink Wtr		Collected: 06/06/23 22:45	
Copper, total	0.0709 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 17:31	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 17:31	
1GF1242-45	Maryland Ave.			Matrix: Drink Wtr		Collected: 06/07/23 06:00	
Copper, total	0.0212 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 17:52	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 17:52	
1GF1242-46	Liberty Ave.			Matrix: Drink Wtr		Collected: 06/06/23 20:35	
Copper, total	0.0138 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 17:56	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 17:56	
1GF1242-47	Glenny St.			Matrix: Drink Wtr		Collected: 06/07/23 03:35	
Copper, total	0.0508 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:01	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:01	
1GF1242-48	Hawthorne Ave.			Matrix: Drink Wtr		Collected: 06/07/23 08:55	
Copper, total	0.0290 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:05	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:05	
1GF1242-49	Patton Ave.			Matrix: Drink Wtr		Collected: 06/07/23 18:00	
Copper, total	0.0223 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:09	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:09	
1GF1242-50	Holly Ln.			Matrix: Drink Wtr		Collected: 06/08/23 04:30	
Copper, total	0.126 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:13	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:13	
1GF1242-51	Beech St.			Matrix: Drink Wtr		Collected: 06/06/23 05:00	
Copper, total	0.110 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:17	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:17	
1GF1242-52	Reed St.			Matrix: Drink Wtr		Collected: 06/05/23 12:00	
Copper, total	0.116 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:22	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:22	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Waterloo Water Works
325 Sycamore St, PO Box 27
Waterloo, IA 50704

June 29, 2023

Page 6 of 21

Work Order: 1GF1242

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF1242-53	Lakeside St.			Matrix: Drink Wtr		Collected: 06/06/23 07:00	
Copper, total	0.148 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:26	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:26	
1GF1242-54	Hawthorne Ave.			Matrix: Drink Wtr		Collected: 06/06/23 13:47	
Copper, total	0.0410 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:39	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:39	
1GF1242-55	Keystone St.			Matrix: Drink Wtr		Collected: 06/06/23 08:00	
Copper, total	0.278 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:43	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:43	
1GF1242-56	Keystone St.			Matrix: Drink Wtr		Collected: 06/06/23 04:35	
Copper, total	0.0733 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:47	
Lead, total	0.0014 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:47	
1GF1242-57	Hanna Blvd.			Matrix: Drink Wtr		Collected: 06/06/23 05:54	
Copper, total	0.0609 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:51	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:51	
1GF1242-58	Hanna Blvd.			Matrix: Drink Wtr		Collected: 06/06/23 05:30	
Copper, total	0.0472 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 18:55	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 18:55	
1GF1242-59	Columbia Circle			Matrix: Drink Wtr		Collected: 06/06/23 04:00	
Copper, total	0.0135 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 19:00	
Lead, total	<0.0010 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 19:00	
1GF1242-60	Jane St.			Matrix: Drink Wtr		Collected: 06/06/23 10:15	
Copper, total	0.109 mg/L	0.0025	1GF1452	200.8	RVV	06/28/23 19:04	
Lead, total	0.0012 mg/L	0.0010	1GF1452	200.8	RVV	06/28/23 19:04	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.



Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Waterloo Water Works

Travis Larson
325 Sycamore St, PO Box 27
Waterloo, IA 50704

Project Name: Lead & Copper

Project / PO Number: / 0790074-
Received: 11/10/2023
Reported: 11/22/2023

Analytical Testing Parameters

Client Sample ID:	Matthew Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:40
Lab Sample ID:	1GK0855-01		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.135	0.0025	mg/L	5		11/21/23 0916	11/22/23 0007	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0007	RVV

Client Sample ID:	Midland St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 9:44
Lab Sample ID:	1GK0855-02		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.192	0.0025	mg/L	5		11/21/23 0916	11/22/23 0011	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0011	RVV

Client Sample ID:	Fairview Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 5:45
Lab Sample ID:	1GK0855-03		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.108	0.0025	mg/L	5		11/21/23 0916	11/22/23 0016	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0016	RVV

Client Sample ID:	Olympic Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 8:56
Lab Sample ID:	1GK0855-04		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0239	0.0025	mg/L	5		11/21/23 0916	11/22/23 0020	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0020	RVV

Keystone Laboratories - Newton

CERTIFICATE OF ANALYSIS

1GK0855

Client Sample ID:	Jane St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:42
Lab Sample ID:	1GK0855-05		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0821	0.0025	mg/L	5		11/21/23 0916	11/22/23 0034	RVV
Lead, total	0.0011	0.0010	mg/L	5		11/21/23 0916	11/22/23 0034	RVV

Client Sample ID:	Wenner Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:21
Lab Sample ID:	1GK0855-06		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.138	0.0025	mg/L	5		11/21/23 0916	11/22/23 0039	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0039	RVV

Client Sample ID:	Aspen Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:08
Lab Sample ID:	1GK0855-07		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.169	0.0025	mg/L	5		11/21/23 0916	11/22/23 0043	RVV
Lead, total	0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0043	RVV

Client Sample ID:	Scott Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 5:07
Lab Sample ID:	1GK0855-08		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0753	0.0025	mg/L	5		11/21/23 0916	11/22/23 0048	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0048	RVV

Client Sample ID:	Mark Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:30
Lab Sample ID:	1GK0855-09		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.192	0.0025	mg/L	5		11/21/23 0916	11/22/23 0052	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0052	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Harbin Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 8:56
Lab Sample ID:	1GK0855-10		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.215	0.0025	mg/L	5		11/21/23 0916	11/22/23 0057	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0057	RVV

Client Sample ID:	Bertch Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:00
Lab Sample ID:	1GK0855-11		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.167	0.0025	mg/L	5		11/21/23 0916	11/22/23 0101	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0101	RVV

Client Sample ID:	Patton Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:30
Lab Sample ID:	1GK0855-12		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0455	0.0025	mg/L	5		11/21/23 0916	11/22/23 0106	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0106	RVV

Client Sample ID:	Cornwall Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:00
Lab Sample ID:	1GK0855-13		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0361	0.0025	mg/L	5		11/21/23 0916	11/22/23 0111	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0111	RVV

Client Sample ID:	Glenny St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 3:15
Lab Sample ID:	1GK0855-14		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0646	0.0025	mg/L	5		11/21/23 0916	11/22/23 0115	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0115	RVV

Keystone Laboratories - Newton

CERTIFICATE OF ANALYSIS

1GK0855

Client Sample ID: Cornwall Ave.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-15

Collected By: Unknown
Collection Date: 11/07/2023 5:30

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0098	0.0025	mg/L	5		11/21/23 0916	11/22/23 0129	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0129	RVV

Client Sample ID: Patton Ave.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-16

Collected By: Unknown
Collection Date: 11/07/2023 7:02

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0309	0.0025	mg/L	5		11/21/23 0916	11/22/23 0133	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0916	11/22/23 0133	RVV

Client Sample ID: Forest Ave.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-17

Collected By: Unknown
Collection Date: 11/07/2023 4:42

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0196	0.0025	mg/L	5		11/21/23 0918	11/22/23 0147	RVV
Lead, total	0.0012	0.0010	mg/L	5		11/21/23 0918	11/22/23 0147	RVV

Client Sample ID: Kirkwood Ave.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-18

Collected By: Unknown
Collection Date: 11/06/2023 18:50

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0391	0.0025	mg/L	5		11/21/23 0918	11/22/23 0201	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0201	RVV

Client Sample ID: Upton Ave.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-19

Collected By: Unknown
Collection Date: 11/07/2023 7:07

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.182	0.0025	mg/L	5		11/21/23 0918	11/22/23 0205	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0205	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Evergreen Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 5:16
Lab Sample ID:	1GK0855-20		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0889	0.0025	mg/L	5		11/21/23 0918	11/22/23 0210	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0210	RVV

Client Sample ID:	Keystone St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 8:40
Lab Sample ID:	1GK0855-21		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.130	0.0025	mg/L	5		11/21/23 0918	11/22/23 0223	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0223	RVV

Client Sample ID:	Cutler St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 8:24
Lab Sample ID:	1GK0855-22		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0306	0.0025	mg/L	5		11/21/23 0918	11/22/23 0228	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0228	RVV

Client Sample ID:	Patton Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/06/2023 16:29
Lab Sample ID:	1GK0855-23		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.110	0.0025	mg/L	5		11/21/23 0918	11/22/23 0232	RVV
Lead, total	0.0014	0.0010	mg/L	5		11/21/23 0918	11/22/23 0232	RVV

Client Sample ID:	Beech St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 4:00
Lab Sample ID:	1GK0855-24		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.114	0.0025	mg/L	5		11/21/23 0918	11/22/23 0237	RVV
Lead, total	0.0028	0.0010	mg/L	5		11/21/23 0918	11/22/23 0237	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Prospect Blvd.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:30
Lab Sample ID:	1GK0855-25		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.196	0.0025	mg/L	5		11/21/23 0918	11/22/23 0242	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0242	RVV

Client Sample ID:	Excelsior Ln.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:00
Lab Sample ID:	1GK0855-26		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.248	0.0025	mg/L	5		11/21/23 0918	11/22/23 0246	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0246	RVV

Client Sample ID:	Wendy Rd.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 7:35
Lab Sample ID:	1GK0855-27		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.120	0.0025	mg/L	5		11/21/23 0918	11/22/23 0251	RVV
Lead, total	0.0026	0.0010	mg/L	5		11/21/23 0918	11/22/23 0251	RVV

Client Sample ID:	Clearview St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 15:30
Lab Sample ID:	1GK0855-28		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.190	0.0025	mg/L	5		11/21/23 0918	11/22/23 0255	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0255	RVV

Client Sample ID:	Jodi Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:30
Lab Sample ID:	1GK0855-29		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0748	0.0025	mg/L	5		11/21/23 0918	11/22/23 0300	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0300	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Jane St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 12:11
Lab Sample ID:	1GK0855-30		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.117	0.0025	mg/L	5		11/21/23 0918	11/22/23 0304	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0304	RVV

Client Sample ID:	Holly Ln.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/09/2023 5:45
Lab Sample ID:	1GK0855-31		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0703	0.0025	mg/L	5		11/21/23 0918	11/22/23 0318	RVV
Lead, total	0.0035	0.0010	mg/L	5		11/21/23 0918	11/22/23 0318	RVV

Client Sample ID:	Audubon Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/08/2023 15:15
Lab Sample ID:	1GK0855-32		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0997	0.0025	mg/L	5		11/21/23 0918	11/22/23 0323	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0323	RVV

Client Sample ID:	Sonya Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/08/2023 6:00
Lab Sample ID:	1GK0855-33		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0093	0.0025	mg/L	5		11/21/23 0918	11/22/23 0327	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0327	RVV

Client Sample ID:	Morgan Rd.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:09
Lab Sample ID:	1GK0855-34		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0513	0.0025	mg/L	5		11/21/23 0918	11/22/23 0332	RVV
Lead, total	0.0011	0.0010	mg/L	5		11/21/23 0918	11/22/23 0332	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Edgebrooke Dr.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/08/2023 4:40
Lab Sample ID:	1GK0855-35		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.159	0.0025	mg/L	5		11/21/23 0918	11/22/23 0336	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0918	11/22/23 0336	RVV

Client Sample ID:	Columbia Circle	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/08/2023 9:30
Lab Sample ID:	1GK0855-36		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0428	0.0025	mg/L	5		11/21/23 0918	11/22/23 0341	RVV
Lead, total	0.0016	0.0010	mg/L	5		11/21/23 0918	11/22/23 0341	RVV

Client Sample ID:	Hillside Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/09/2023 9:40
Lab Sample ID:	1GK0855-37		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0449	0.0025	mg/L	5		11/21/23 0919	11/22/23 0354	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0354	RVV

Client Sample ID:	Jane St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/09/2023 9:30
Lab Sample ID:	1GK0855-38		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0542	0.0025	mg/L	5		11/21/23 0919	11/22/23 0417	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0417	RVV

Client Sample ID:	Holly Ln.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/09/2023 8:40
Lab Sample ID:	1GK0855-39		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.151	0.0025	mg/L	5		11/21/23 0919	11/22/23 0421	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0421	RVV

Keystone Laboratories - Newton

CERTIFICATE OF ANALYSIS

1GK0855

Client Sample ID:	Hickory St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/08/2023 5:00
Lab Sample ID:	1GK0855-40		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.142	0.0025	mg/L	5		11/21/23 0919	11/22/23 0426	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0426	RVV

Client Sample ID:	Wallgate Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:00
Lab Sample ID:	1GK0855-41		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0502	0.0025	mg/L	5		11/21/23 0919	11/22/23 0430	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0430	RVV

Client Sample ID:	Hickory St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:00
Lab Sample ID:	1GK0855-42		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.131	0.0025	mg/L	5		11/21/23 0919	11/22/23 0435	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0435	RVV

Client Sample ID:	Hanna Blvd.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:01
Lab Sample ID:	1GK0855-43		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.159	0.0025	mg/L	5		11/21/23 0919	11/22/23 0439	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0439	RVV

Client Sample ID:	Columbia Circle	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 3:35
Lab Sample ID:	1GK0855-44		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0142	0.0025	mg/L	5		11/21/23 0919	11/22/23 0444	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0444	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID:	Bertch Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:00
Lab Sample ID:	1GK0855-45		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0827	0.0025	mg/L	5		11/21/23 0919	11/22/23 0448	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0448	RVV

Client Sample ID:	Hawthorne Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 1:00
Lab Sample ID:	1GK0855-46		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0324	0.0025	mg/L	5		11/21/23 0919	11/22/23 0453	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0453	RVV

Client Sample ID:	Lakeside St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:30
Lab Sample ID:	1GK0855-47		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.184	0.0025	mg/L	5		11/21/23 0919	11/22/23 0506	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0506	RVV

Client Sample ID:	Maryland Ave.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/09/2023 6:00
Lab Sample ID:	1GK0855-48		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0153	0.0025	mg/L	5		11/21/23 0919	11/22/23 0511	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0511	RVV

Client Sample ID:	Newton St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 10:00
Lab Sample ID:	1GK0855-49		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0267	0.0025	mg/L	5		11/21/23 0919	11/22/23 0515	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0515	RVV

Keystone Laboratories - Newton

CERTIFICATE OF ANALYSIS

1GK0855

Client Sample ID:	Keystone St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 4:09
Lab Sample ID:	1GK0855-50		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0937	0.0025	mg/L	5		11/21/23 0919	11/22/23 0520	RVV
Lead, total	0.0020	0.0010	mg/L	5		11/21/23 0919	11/22/23 0520	RVV

Client Sample ID:	Hanna Blvd.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 9:00
Lab Sample ID:	1GK0855-51		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.144	0.0025	mg/L	5		11/21/23 0919	11/22/23 0525	RVV
Lead, total	0.0011	0.0010	mg/L	5		11/21/23 0919	11/22/23 0525	RVV

Client Sample ID:	Newton St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 4:30
Lab Sample ID:	1GK0855-52		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0082	0.0025	mg/L	5		11/21/23 0919	11/22/23 0529	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0529	RVV

Client Sample ID:	Dawson St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 6:40
Lab Sample ID:	1GK0855-53		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.302	0.0025	mg/L	5		11/21/23 0919	11/22/23 0534	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0534	RVV

Client Sample ID:	Newton St.	Collected By:	Unknown
Sample Matrix:	Drink Wtr	Collection Date:	11/07/2023 5:00
Lab Sample ID:	1GK0855-54		

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0647	0.0025	mg/L	5		11/21/23 0919	11/22/23 0538	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0538	RVV

Keystone Laboratories - Newton

CERTIFICATE OF ANALYSIS

1GK0855

Client Sample ID: **Newton St.**
Sample Matrix: **Drink Wtr**
Lab Sample ID: **1GK0855-55**

Collected By: **Unknown**
Collection Date: **11/07/2023 5:30**

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.205	0.0025	mg/L	5		11/21/23 0919	11/22/23 0543	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0543	RVV

Client Sample ID: **Lakeside St.**
Sample Matrix: **Drink Wtr**
Lab Sample ID: **1GK0855-56**

Collected By: **Unknown**
Collection Date: **11/07/2023 5:30**

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.105	0.0025	mg/L	5		11/21/23 0919	11/22/23 0547	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0919	11/22/23 0547	RVV

Client Sample ID: **Hawthorne Ave.**
Sample Matrix: **Drink Wtr**
Lab Sample ID: **1GK0855-57**

Collected By: **Unknown**
Collection Date: **11/07/2023 7:30**

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0284	0.0025	mg/L	5		11/21/23 0921	11/22/23 0610	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0921	11/22/23 0610	RVV

Client Sample ID: **Keystone St.**
Sample Matrix: **Drink Wtr**
Lab Sample ID: **1GK0855-58**

Collected By: **Unknown**
Collection Date: **11/07/2023 8:00**

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0108	0.0025	mg/L	5		11/21/23 0921	11/22/23 0623	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0921	11/22/23 0623	RVV

Client Sample ID: **Reed St.**
Sample Matrix: **Drink Wtr**
Lab Sample ID: **1GK0855-59**

Collected By: **Unknown**
Collection Date: **11/08/2023 5:15**

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.249	0.0025	mg/L	5		11/21/23 0921	11/22/23 0628	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0921	11/22/23 0628	RVV

Keystone Laboratories - Newton
CERTIFICATE OF ANALYSIS
1GK0855

Client Sample ID: Beech St.
Sample Matrix: Drink Wtr
Lab Sample ID: 1GK0855-60

Collected By: Unknown
Collection Date: 11/07/2023 17:40

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	0.0255	0.0025	mg/L	5		11/21/23 0921	11/22/23 0632	RVV
Lead, total	<0.0010	0.0010	mg/L	5		11/21/23 0921	11/22/23 0632	RVV

Definitions

RL: Reporting Limit

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Tiffannie Clymer

Tiffannie Clymer
Customer Relationship Specialist
tiffannie.clymer@microbac.com
11/22/23 13:39