



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

19D0397

KCI Technologies

Project Name: Longfellow ES

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936 Ridgebrook Road
Sparks, MD 21152

Project / PO Number: N/A
Received: 04/01/2019
Reported: 04/09/2019

Analytical Testing Parameters

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (LOES 3 DF/C C, Drinking Water, 19D0397-01, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (04/05/19 0848), Analyzed (04/05/19 1611), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (LOES 4 DF/C C, Drinking Water, 19D0397-02, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (04/05/19 0848), Analyzed (04/05/19 1615), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (LOES 5F CC/B C, Drinking Water, 19D0397-03, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (04/05/19 0848), Analyzed (04/05/19 1616), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (LOES 6F CC/B C, Drinking Water, 19D0397-04, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (04/05/19 0848), Analyzed (04/05/19 1617), Analyst (GHW)



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Client Sample ID: LOES 7F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-05	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1619	GHW

Client Sample ID: LOES 8F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-06	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1620	GHW

Client Sample ID: LOES 9F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-07	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1624	GHW

Client Sample ID: LOES 10F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-08	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1625	GHW



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Client Sample ID: LOES 11F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-09	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1627	GHW

Client Sample ID: LOES 12F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1628	GHW

Client Sample ID: LOES 13F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1630	GHW

Client Sample ID: LOES 14F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-12	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1634	GHW



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Client Sample ID: LOES 15F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-13	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1635	GHW

Client Sample ID: LOES 16F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-14	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1636	GHW

Client Sample ID: LOES 17F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-15	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1640	GHW

Client Sample ID: LOES 18F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-16	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1642	GHW



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Client Sample ID: LOES 19F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1643	GHW

Client Sample ID: LOES 20F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-18	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1644	GHW

Client Sample ID: LOES 21F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-19	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1646	GHW

Client Sample ID: LOES 22F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-20	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1647	GHW



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Client Sample ID: LOES 23F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-21	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1651	GHW

Client Sample ID: LOES 24F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-22	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1658	GHW

Client Sample ID: LOES 25F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-23	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1659	GHW

Client Sample ID: LOES 26F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-24	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1701	GHW



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Client Sample ID: LOES 28F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-25	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1702	GHW

Client Sample ID: LOES 29F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-26	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1703	GHW

Client Sample ID: LOES 30F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-27	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1705	GHW

Client Sample ID: LOES 31F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-28	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1706	GHW



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Client Sample ID: LOES 32F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-29	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1708	GHW

Client Sample ID: LOES 33F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-30	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1709	GHW

Client Sample ID: LOES 34F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-31	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1713	GHW

Client Sample ID: LOES 35 DF/C C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-32	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1717	GHW



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Client Sample ID: LOES 36 DF/C C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-33	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1718	GHW

Client Sample ID: LOES 37F CC/B C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/19/2019 5:18
Lab Sample ID: 19D0397-34	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1720	GHW

Client Sample ID: LOES 1 IM C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-35	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1721	GHW

Client Sample ID: LOES 2 KS C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-36	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1722	GHW



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Client Sample ID: LOES 5S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-37	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1724	GHW

Client Sample ID: LOES 6S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-38	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1725	GHW

Client Sample ID: LOES 7S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-39	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1729	GHW

Client Sample ID: LOES 8S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-40	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1731	GHW



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Client Sample ID: LOES 9S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-41	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1735	GHW

Client Sample ID: LOES 10S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-42	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1739	GHW

Client Sample ID: LOES 11S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-43	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1740	GHW

Client Sample ID: LOES 12S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-44	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1742	GHW



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Client Sample ID: LOES 13S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-45	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1746	GHW

Client Sample ID: LOES 14S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-46	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1747	GHW

Client Sample ID: LOES 15S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-47	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1748	GHW

Client Sample ID: LOES 16S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-48	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1750	GHW



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Client Sample ID: LOES 17S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-49	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1751	GHW

Client Sample ID: LOES 18S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-50	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1753	GHW

Client Sample ID: LOES 19S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-51	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1754	GHW

Client Sample ID: LOES 20S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-52	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1758	GHW



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Client Sample ID: LOES 21S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-53	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1802	GHW

Client Sample ID: LOES 22S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-54	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1803	GHW

Client Sample ID: LOES 23S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-55	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1805	GHW

Client Sample ID: LOES 24S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-56	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1806	GHW



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19D0397

Client Sample ID: LOES 25S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-57	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1808	GHW

Client Sample ID: LOES 26S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-58	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1809	GHW

Client Sample ID: LOES 27 CR C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-59	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1810	GHW

Client Sample ID: LOES 28S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-60	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 0848	04/05/19 1812	GHW



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CERTIFICATE OF ANALYSIS

19D0397

Client Sample ID: LOES 29S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-61	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.1	20.0	1.0	ppb		04/05/19 1243	04/08/19 1126	GHW

Client Sample ID: LOES 30S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-62	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1130	GHW

Client Sample ID: LOES 31S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-63	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1131	GHW

Client Sample ID: LOES 32S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-64	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1132	GHW



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19D0397

Client Sample ID: LOES 33S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-65	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1134	GHW

Client Sample ID: LOES 34S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-66	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1135	GHW

Client Sample ID: LOES 37S CC/S C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-67	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1139	GHW

Client Sample ID: LOES 38 TL C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-68	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1140	GHW



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CERTIFICATE OF ANALYSIS

19D0397

Client Sample ID: LOES 39 NO C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 03/20/2019 5:30
Lab Sample ID: 19D0397-69	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/05/19 1243	04/08/19 1142	GHW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

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.

Reviewed and Approved By:



Megan Greenfield
 Customer Relationship Coordinator
 Reported: 04/09/2019 11:46