

Sample: LCR001

Location Code: LCR001 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:10 Lab Log# FC09104-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0855 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 15:38 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 15:38 @PD

Sample: LCR002

Location Code: LCR002 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:20 Lab Log# FC09104-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0614 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:45 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:45 @PD

Sample: LCR003

Location Code: LCR003 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:30 Lab Log# FC09104-03

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.302 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 15:46 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 15:46 @PD

Sample: LCR004

Location Code: LCR004 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:15 Lab Log# FC09104-04

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0357 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 15:50 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 15:50 @PD

Sample: LCR005

Location Code: LCR005 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:30 Lab Log# FC09104-05

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0708 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:49 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:49 @PD

Sample: LCR006

Location Code: LCR006 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 7:30 Lab Log# FC09104-06

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0577 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 15:58 @PD
Lead (Pb) EPA 200.8	Lead	0.0082 mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 15:58 @PD

Sample: LCR008

Location Code: LCR008 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 8:30 Lab Log# FC09104-07

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0355 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:18 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:18 @PD

Sample: LCR009

Location Code: LCR009 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 9:00 Lab Log# FC09104-08

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0313 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:22 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:22 @PD

Sample: LCR015

Location Code: LCR015 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 7:00 Lab Log# FC09104-09

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0307 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:37 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:37 @PD

Sample: LCR016

Location Code: LCR016 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 7:00 Lab Log# FC09104-10

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0304 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:41 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:41 @PD

Sample: LCR023

Location Code: LCR023 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 7:30 Lab Log# FC09104-11

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	BPQL mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:53 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:53 @PD

Sample: LCR024

Location Code: LCR024 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 7:00 Lab Log# FC09104-12

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	BPQL mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 16:57 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 16:57 @PD

Sample: LCR025

Location Code: LCR025 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 5:45 Lab Log# FC09104-13

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info

Sample: LCR025 Location Code: LCR025 PWSID#: 061020808

Sample Time: 3/9/23 5:45 Lab Log# FC09104-13

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	BPQL mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:00 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:00 @PD

Sample: LCR026 Location Code: LCR026 PWSID#: 061020808

Sample Time: 3/9/23 6:00 Lab Log# FC09104-14

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0347 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:43 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:43 @PD

Sample: LCR027 Location Code: LCR027 PWSID#: 061020808

Sample Time: 3/9/23 6:30 Lab Log# FC09104-15

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0792 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:08 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:08 @PD

Sample: LCR028 Location Code: LCR028 PWSID#: 061020808

Sample Time: 3/9/23 6:00 Lab Log# FC09104-16

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0125 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:12 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:12 @PD

Sample: LCR029 Location Code: LCR029 PWSID#: 061020808

Sample Time: 3/9/23 7:00 Lab Log# FC09104-17

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.309 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:28 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:28 @PD

Sample: LCR030 Location Code: LCR030 PWSID#: 061020808

Sample Time: 3/9/23 6:30 Lab Log# FC09104-18

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0307 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:32 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:32 @PD

Sample: LCR032 Location Code: LCR032 PWSID#: 061020808

Sample Time: 3/9/23 6:10 Lab Log# FC09104-19

Collection Type: Grab

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
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Sample:

Location Code: LCR032 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:10

Lab Log# FC09104-19

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.0331 mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:35 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:35 @PD

Sample: LCR033

Location Code: LCR033 PWSID#: 061020808

Collection Type: Grab

Sample Time: 3/9/23 6:30

Lab Log# FC09104-20


Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	BPQL mg/L		0.0100	03/13/23 14:00 @PD	03/14/23 17:47 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	03/13/23 14:00 @PD	03/14/23 17:47 @PD

Notes and Definitions

- #52 Analyte recoveries are outside of acceptance limits for the matrix spike sample. This failure does not invalidate data reported.
- MCL Analyte concentration may exceed Maximum Contaminant Limit (MCL) for EPA Primary or Secondary Drinking Water Regulations.
- ### Analyte concentration may exceed regulatory limit.
- PQL Practical Quantitation Limit - the method reporting limit (MRL) adjusted for any dilutions or other changes made to the sample to deal with interferences/matrix effects
- BPQL Below Practical Quantitation Limit (if applicable).

The "Prep Date" of the QC analysis coincides with the characters of the appropriate QC Lab ID. (Example: 19_A_02_15 - BLK = 2019, Jan 2, Batch #15 - Blank)

Lab Manager



Quality Control Data

Blank Data

QC Lab #	Test Group	Test Name	Test	Result	PQL	Flags
23C1318-BLK1	Copper (Cu) EPA 200.8	Copper		BPQL	0.0100	
23C1318-BLK1	Lead (Pb) EPA 200.8	Lead		BPQL	0.0050	

Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
23C1318-BS1	Copper (Cu) EPA 200.8	Copper	0.0960	0.1000	mg/L	96	90 - 110	
23C1318-BS1	Lead (Pb) EPA 200.8	Lead	0.0924	0.1000	mg/L	92	90 - 110	
23C1318-MRL1	Copper (Cu) EPA 200.8	Copper	0.00345	0.005000	mg/L	69	50 - 150	
23C1318-MRL1	Lead (Pb) EPA 200.8	Lead	0.0052	0.005000	mg/L	104	50 - 150	

Matrix Spike Data

QC Lab #	Test Group	Test Name	Source Sample	Sample Result	Units	Spike Result	Spike Level	% Rec.	Acceptance Limits	Flags
23C1318-MS1	Copper (Cu) EPA 200.8	Copper	FC09104-01	0.0855	mg/L	0.162	0.1000	77	85 - 115	#52
23C1318-MS2	Copper (Cu) EPA 200.8	Copper	FC09104-10	0.0304	mg/L	0.122	0.1000	92	85 - 115	
23C1318-MS1	Lead (Pb) EPA 200.8	Lead	FC09104-01	BPQL	mg/L	0.0779	0.1000	78	85 - 115	#52
23C1318-MS2	Lead (Pb) EPA 200.8	Lead	FC09104-10	BPQL	mg/L	0.0823	0.1000	82	85 - 115	#52

Matrix Spike Duplicate Data

QC Lab #	Test Group	Test Name	Sample Result	Spike Result	Units	Spike Level	% Rec.	Rec. Limits	% RPD	RPD Limit	Flags
23C1318-MSD1	Copper (Cu) EPA 200.8	Copper	0.0855	0.160	mg/L	0.1000	75	85-115	1	20	#52
23C1318-MSD2	Copper (Cu) EPA 200.8	Copper	0.0304	0.115	mg/L	0.1000	84	85-115	6	20	#52
23C1318-MSD1	Lead (Pb) EPA 200.8	Lead	BPQL	0.0774	mg/L	0.1000	77	85-115	0.6	20	#52
23C1318-MSD2	Lead (Pb) EPA 200.8	Lead	BPQL	0.0797	mg/L	0.1000	80	85-115	3	20	#52