



September 17, 2020
 Client: Rogers Co. RWD #7
 20352 South 4230 Road
 Claremore, OK 74017



National
 Environmental
 Laboratory
 Accreditation
 Program
 ODEQ TNI Certified

Requested By: -

Sample Project Name: Lead + Copper

Date Samples Received: September 09, 2020 Time: 11:58 sample temp upon arrival at lab = 25.20°C

Matrix: Drinking Water

Lab Log Numbers: **CI09044-01** **CI09044-02** **CI09044-03** **CI09044-04**
 CI09044-05 **CI09044-06** **CI09044-07** **CI09044-08**
 CI09044-09 **CI09044-10**

Work Order: CI09044

Report # CI09044-0917200829

EPA Lab ID#'s: **Stillwater OK00092 Tulsa OK00983 OKC OK00129 ICR OK 001**

Oklahoma Certification: Stillwater NELAP WasteWater, ODEQ 8316/ Drinking Water, DEQ D9602
 NELAP Tulsa WasteWater, ODEQ 9905 / Drinking Water, DEQ D9901
 Oklahoma City NELAP WasteWater ODEQ 7202 / Drinking Water, DEQ D9937

Kansas Certification: Stillwater NELAP CERT # E-10219
 Oklahoma City NELAP CERT # E-10414

Texas Certification: Stillwater Drinking Water NELAP CERT # T105704533-14-1

Method Reference: 40 CFR 136, 141, and 261 Methods for Chemical Analysis of Water and Wastes EPA-600/4-79-020, March 1983. Test Methods for Evaluating Solid Wastes, SW-846, Final Update III. Standard Methods 1998 (20th Edition), Standard Methods 2005 (21st Edition) and Standard Methods 2011 (22nd Edition) for the Examination of Water and Wastewater.

Analysis Reference: If qualifiers present in "Prep Info" or "Analysis Info", then analysis performed as follows: @= Tulsa Lab and * = OKC Lab. If no qualifiers present, then analysis performed at Stillwater Lab.

Accurate Environmental Laboratories certify that the test results performed at the Stillwater lab meet all requirements of NELAP. Any exceptions to this can be found in the report footer or Quality Control Section of the report.

This report is to only be replicated in its entirety.

Accurate Environmental sampling protocol was followed for any sampling performed by Accurate Field Services.

Sample: LC026

Location Code: LC026

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 8:00

Lab Log# CI09044-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.263 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:30 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:30 @PD

Sample: LC036

Location Code: LC036

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 8:00

Lab Log# CI09044-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.127 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:34 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:34 @PD

Sample: LC049

Location Code: LC049

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 8:00

Lab Log# CI09044-03

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.094 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:38 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:38 @PD

Sample: LC035

Location Code: LC035

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 8:00

Lab Log# CI09044-04

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.220 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:42 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:42 @PD

Sample: LC030

Location Code: LC030

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 7:03

Lab Log# CI09044-05

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.169 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:46 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:46 @PD

Sample: LC047

Location Code: LC047

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 8:00

Lab Log# CI09044-06

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.155 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:49 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:49 @PD

Sample: LC024

Location Code: LC024

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/9/20 9:30

Lab Log# CI09044-07

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
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Sample: **Location Code:** LC024 **PWSID#:** OK3006604

Collection Type: Grab **Sample Time:** 9/9/20 9:30 **Lab Log#** CI09044-07

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.217 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 15:53 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 15:53 @PD

Sample: LC031 **Location Code:** LC031 **PWSID#:** OK3006604

Collection Type: Grab **Sample Time:** 9/9/20 8:30 **Lab Log#** CI09044-08

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.019 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 16:09 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 16:09 @PD

Sample: LC044 **Location Code:** LC044 **PWSID#:** OK3006604

Collection Type: Grab **Sample Time:** 9/9/20 9:00 **Lab Log#** CI09044-09

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.050 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 16:13 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 16:13 @PD

Sample: LC033 **Location Code:** LC033 **PWSID#:** OK3006604

Collection Type: Grab **Sample Time:** 9/9/20 9:30 **Lab Log#** CI09044-10


Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.359 mg/L		0.010	09/11/20 12:00 @PD	09/11/20 16:16 @PD
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/20 12:00 @PD	09/11/20 16:16 @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

A handwritten signature in black ink on a light gray background. The signature appears to be "Dg C" with a long horizontal stroke extending from the end of the "C".

Quality Control Data

Blank Data

QC Lab #	Test Group	Test	Result	PQL	Flags
2011166-BLK1	Copper (Cu) EPA 200.8	Copper	BPQL mg/L	0.010	
2011166-BLK1	Lead (Pb) EPA 200.8	Lead	BPQL mg/L	0.0050	

Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
2011166-BS1	Copper (Cu) EPA 200.8	Copper	0.108	0.1000	mg/L	108	90 - 110	
2011166-BS1	Lead (Pb) EPA 200.8	Lead	0.104	0.1000	mg/L	104	90 - 110	
2011166-MRL1	Copper (Cu) EPA 200.8	Copper	0.004	0.005000	mg/L	84	50 - 150	
2011166-MRL1	Lead (Pb) EPA 200.8	Lead	0.0047	0.005000	mg/L	95	50 - 150	

Matrix Spike Data

QC Lab #	Test Group	Test Name	Source Sample	Sample Result	Units	Spike Result	Spike Level	% Rec.	Acceptance Limits	Flags
2011166-MS1	Copper (Cu) EPA 200.8	Copper	CI09044-01	0.263	mg/L	0.341	0.1000	78	85 - 115	#52
2011166-MS1	Lead (Pb) EPA 200.8	Lead	CI09044-01	BPQL	mg/L	0.101	0.1000	101	85 - 115	

Matrix Spike Duplicate Data

QC Lab #	Test Group	Test Name	Sample Result	Spike Result	Spike Level	Units	% Rec.	Rec. Limits	% RPD	RPD Limit	Flags
2011166-MSD1	Copper (Cu) EPA 200.8	Copper	0.263	0.340	0.1000	mg/L	77	85-115	0.2	20	#52
2011166-MSD1	Lead (Pb) EPA 200.8	Lead	BPQL	0.101	0.1000	mg/L	101	85-115	0.2	20	

* Complete Entire COC to be in Compliance*



Chain of Custody

Client Name: RWD 7 Lopez
 Project Name: Lead & Copper

Accurate Work Order #	Date Sample Taken	Time Sample Taken	Matrix or Source (Refer. below)	Grab (G) or Com (C)	Client I.D. / Sample Location or DEQ / EPA Location Code	Field Results		Analysis Requested	Sample Preserv. & Container	RUSH	Due Date
						(pH, Temp, Chlorine, ...)	(note analysis & units)				
<u>110901A</u>	<u>9-9-20</u>	<u>8:00A</u>			<u>LC026</u>			<u>Lead + Copper</u>			
<u>01</u>	<u>9-9-20</u>	<u>8:00A</u>			<u>LC036</u>						
<u>02</u>	<u>9-9-20</u>	<u>8:00A</u>			<u>LC049</u>						
<u>03</u>	<u>9-9-20</u>	<u>8:00A</u>			<u>LC035</u>						
<u>04</u>	<u>9-9-20</u>	<u>8:00A</u>			<u>LC030</u>						
<u>05</u>	<u>9-9-20</u>	<u>7:03A</u>			<u>LC047</u>						
<u>06</u>	<u>9-9-20</u>	<u>8:00A</u>									

On-Site Info: Raw Alkalinity (TOC Raw) = _____ mg/L (E.Coli) = _____ ntu
 DW = Drinking water; WW = Wastewater; SL = Sludge; O = Other
 E.Coli Source- GWUDI-FS - Groundwater under direct influence of Flowing Stream GWUDI-RL - Groundwater under direct influence of Reservoir/Lake

Comments: -- All Glass containers provided by Accurate Labs have Teflon lined lids --
-- All samples are scheduled to be disposed of in 4 weeks of receipt at Accurate --
-- Hazardous samples will be returned to client or will be disposed of for a fee --

Certification by Company Official: I hereby certify that the above sampling occurred during a period such that the sample(s) is/are representative of a typical operating day discharge for the above facility.
 Sampled By: Charles Tiplon Signature: Charles Tiplon Date/Time: 9-9-20
 Company: _____ Sample Method: _____

Relinquished By: Charles Tiplon Date/Time: 9-9-20 Received By: [Signature] Date/Time: 9-9-20 11:58
 Relinquished to Lab By: _____ Rec'd °C: 20.2
 Rel'd to Log-In Fridge By: _____

Reporting Requirements (standard 10-15 working days): Yes or No (DMR, PWS, PWS ID # 3006604)
 Compliance Reporting? () Oklahoma PWS ID # 3006604
 RUSH Request (if available) _____ (Working Days) _____

Mail Report To: RWD 7 Bid # - _____
20352 S 4230rd Claremore, OK 74019 PO # - _____
wqterdistrict_7@yahoo.com Address: _____
 Phone #: _____ Fax #: _____
 Email: _____

www.accuratelabs.com 505 South Lowry Street Phone: (405) 372-5300 6558 E. 40th Street Phone: (918) 663-5400 12036 N. Pennsylvania Phone: (405) 751-3132
 Stillwater, OK 74074 Fax: (405) 372-5396 Tulsa, OK 74145 Fax: (918) 663-6300 Oklahoma City, OK 73120 Fax: (405) 751-3108
 (800) 516-5227

* Complete Entire COC to be in Compliance*



Chain of Custody

Client Name: RWD 7 Rogers
 Project Name: Lead & Copper

Accurate Work Order #	Date Sample Taken	Time Sample Taken	Matrix or Source (Refer. below)	Grab (G) or Com (C)	Client I.D. / Sample Location or DEQ/EPA Location Code	Field Results (pH, Temp, Chlorine, ...)
<u>0109014</u>	<u>9.9.20</u>	<u>9:30A</u>			<u>LC024</u>	
<u>08</u>	<u>9.9.20</u>	<u>8:30A</u>			<u>LC031</u>	
<u>09</u>	<u>9.9.20</u>	<u>9:00A</u>			<u>LC044</u>	
<u>10</u>	<u>9.9.20</u>	<u>0930</u>			<u>LC033</u>	

Sample Preserv. & Container →
 Analysis Requested →
 # of Container ↓

Lead and copper

On-Site Info	Raw Alkalinity (TOC Raw) = mg/L	Turbidity (E.Coli) = ntu
Matrix Codes: DW = Drinking water; WW = Wastewater; SL = Sludge; O = Other		
E.Coli Source: GWUDI-FS = Groundwater under direct influence of Flowing Stream; GWUDI-RL = Groundwater under direct influence of Reservoir/Lake		

Comments: -- All Glass containers provided by Accurate Labs have Teflon lined lids --
-- All samples are scheduled to be disposed of in 4 weeks of receipt at Accurate --
-- Hazardous samples will be returned to client or will be disposed of for a fee --

Certification by Company Official: I hereby certify that the above sampling occurred during a period such that the sample(s) is/are representative of a typical operating day discharge for the above facility.
 Sampled By: Charles Tipton Signature: Charles Tipton Date/Time: 9-9-20
 Company: _____ Sample Method: _____

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Charles Tipton</u>		<u>John Z. Bell</u>	<u>9-9-20 11:58</u>

Reporting Requirements (standard 10-15 working days): Compliance Reporting? (DMR, PWS,) Yes or No
 Reporting ID #: 3006604 Oklahoma PWS ID #
 Mail Report To: RWD 7 203525 Hazard Claremore Ok 74019 (Working Days)

Address: waterdistrict_7@yahoo.com Bid # -
 Phone #: _____ PO # -
 Fax #: _____

www.accuratelabs.com (800) 516-5227
 505 South Lowry Street Stillwater, OK 74074 Phone: (405) 372-5300 Fax: (405) 372-5396
 6558 E. 40th Street Tulsa, OK 74145 Phone: (918) 663-5400 Fax: (918) 663-6300
 12036 N. Pennsylvania Oklahoma City, OK 73120 Phone: (405) 751-3132 Fax: (405) 751-3108