



September 14, 2017
 Client: Rogers Co. RWD #7
 20352 South 4230 Road
 Claremore, OK 74017



National
 Environmental
 Laboratory
 Accreditation
 Program
 Kansas CERT # E-10219

Requested By: -

Sample Project Name: SDWIS Analysis

Date Samples Received: September 06, 2017 Time: 10:43 sample temp upon arrival at lab = 21°C

Matrix: Drinking Water

Lab Log Numbers: **7106043-01** **7106043-02** **7106043-03** **7106043-04**
 7106043-05 **7106043-06** **7106043-07** **7106043-08**
 7106043-09 **7106043-10**

Work Order: 7106043

Report # 7106043-0914170959

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

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

Kansas Certification: Stillwater NELAP CERT # E-10219

New Jersey Certification: Oklahoma City Drinking Water NELAP CERT # OK005

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: 20134 E Sunny Dr

Location Code: LC047

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/6/17 8:00

Lab Log# 7106043-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.140 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:27 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:27 LF

Sample: 20193 S 4230 Rd

Location Code: LC044

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 6:30

Lab Log# 7106043-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.100 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:30 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:30 LF

Sample: 20487 E 430 Rd

Location Code: LC031

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 6:45

Lab Log# 7106043-03

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.022 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:34 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:34 LF

Sample: 20352 S 4230 Rd

Location Code: LC048

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/6/17 7:00

Lab Log# 7106043-04

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.202 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:38 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:38 LF

Sample: 20878 S 4240 Rd

Location Code: LC033

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/6/17 7:00

Lab Log# 7106043-05

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.337 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:41 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:41 LF

Sample: 17025 Honeysuckle Ln

Location Code: LC036

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 7:15

Lab Log# 7106043-06

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.132 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:45 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:45 LF

Sample: 17012 Honeysuckle Ln

Location Code: LC035

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 7:15

Lab Log# 7106043-07

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

Location Code: LC035

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 7:15

Lab Log# 7106043-07

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.091 mg/L		0.010	09/11/17 16:05 RW	09/13/17 00:49 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 00:49 LF

Sample: 18633 S Fern Pl

Location Code: LC024

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 6:45

Lab Log# 7106043-08

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.236 mg/L		0.010	09/11/17 16:05 RW	09/13/17 01:03 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 01:03 LF

Sample: 21276 Fern Valley Rd

Location Code: LC026

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 7:30

Lab Log# 7106043-09

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.166 mg/L		0.010	09/11/17 16:05 RW	09/13/17 01:07 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 01:07 LF

Sample: 20530 E 430 Rd

Location Code: LC030

PWSID#: OK3006604

Collection Type: Grab

Sample Time: 9/5/17 7:12

Lab Log# 7106043-10

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.130 mg/L		0.010	09/11/17 16:05 RW	09/13/17 01:10 LF
Lead (Pb) EPA 200.8	Lead	BPQL mg/L		0.0050	09/11/17 16:05 RW	09/13/17 01:10 LF

Notes and Definitions

- #67 Analyte recovery is outside of in-house generated limits, but within method specified limits.
- #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: S 9 A 02 15 - BLK = 2009, Jan 2, Batch #15 - Blank)

Lab Manager

A handwritten signature in black ink, appearing to read "Dg Cu", is written on a light-colored rectangular background.

Quality Control Data

Blank Data

QC Lab #	Test Group	Test	Result	PQL	Flags
S7I1145-BLK1	Copper (Cu) EPA 200.8	Copper	BPQL mg/L	0.010	
S7I1145-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
S7I1145-BS1	Copper (Cu) EPA 200.8	Copper	0.087	0.1000	mg/L	87	90 - 110	#67
S7I1145-BS1	Lead (Pb) EPA 200.8	Lead	0.0883	0.1000	mg/L	88	90 - 110	#67
S7I1145-MRL1	Copper (Cu) EPA 200.8	Copper	0.005	0.005000	mg/L	93	50 - 150	
S7I1145-MRL1	Lead (Pb) EPA 200.8	Lead	0.0043	0.005000	mg/L	86	50 - 150	

Matrix Spike Data

QC Lab #	Test Group	Test Name	Source Sample	Sample Result	Units	Spike Result	Spike Level	% Rec.	Acceptance Limits	Flags
S7I1145-MS1	Copper (Cu) EPA 200.8	Copper	7I06043-01	0.140	mg/L	0.221	0.1000	80	85 - 115	#52
S7I1145-MS1	Lead (Pb) EPA 200.8	Lead	7I06043-01	BPQL	mg/L	0.0927	0.1000	93	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
S7I1145-MSD1	Copper (Cu) EPA 200.8	Copper	0.140	0.222	0.1000	mg/L	82	85-115	0.8	20	#52
S7I1145-MSD1	Lead (Pb) EPA 200.8	Lead	BPQL	0.0916	0.1000	mg/L	92	85-115	1	20	

