



August 18, 2023

Client: Perkins PWA

PO Box 9

Perkins, OK 74059

Requested By: -



National Environmental Laboratory Accreditation Program ODEQ TNI Certified

**Sample Project Name:** SDWIS Analysis 20/6m 2022 (July to Dec)

**Date Samples Received:** August 07, 2023      Time: 14:19      sample temp upon arrival at lab = 24.20°C

**Matrix:** Drinking Water

**Lab Log Numbers:**      **FH07063-01**      **FH07063-02**

**Work Order:** FH07063

**Report #** FH07063-0818230925

**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

**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 VI. Standard Methods 2005 (21st Edition), Standard Methods 2011 (22nd Edition), Standard Methods 2017 (23rd 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 notes, Quality Control section, or Method/Parameter section of the report.

- No cert. = Laboratory does not carry certification for this method/analysis.
- Non-TNI = Laboratory has state certification but does not fall under TNI certification.

This report is to only be replicated in its entirety.

Revised or Amended reports supersede all previous reports.

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

Sample: 108 Lewis

Location Code: LC008

PWSID#: OK2006012

Collection Type: Grab

Sample Time: 7/28/23 7:00

Lab Log# FH07063-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.429 mg/L	M-DW	0.0100	08/14/23 12:00 @PD	08/16/23 19:11 @PD
Lead (Pb) EPA 200.8	Lead	0.0019 mg/L	M-DW	0.0010	08/14/23 12:00 @PD	08/16/23 19:11 @PD

Sample: 123 NE 1st

Location Code: LC011

PWSID#: OK2006012

Collection Type: Grab

Sample Time: 7/31/23 7:00

Lab Log# FH07063-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.467 mg/L		0.0100	08/14/23 12:00 @PD	08/16/23 19:15 @PD
Lead (Pb) EPA 200.8	Lead	0.0085 mg/L		0.0010	08/14/23 12:00 @PD	08/16/23 19:15 @PD

### Notes and Definitions

M-DW Drinking Water sample for Lead and/or Copper analysis was not preserved with acid within fourteen days of sampling.

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	Result	PQL	Flags
23H1428-BLK1	Copper (Cu) EPA 200.8	Copper	BPQL mg/L	0.0100	
23H1428-BLK1	Lead (Pb) EPA 200.8	Lead	BPQL mg/L	0.0010	

### Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
23H1428-BS1	Copper (Cu) EPA 200.8	Copper	0.101	0.1000	mg/L	101	90 - 110	
23H1428-BS1	Lead (Pb) EPA 200.8	Lead	0.0970	0.1000	mg/L	97	90 - 110	
23H1428-MRL1	Copper (Cu) EPA 200.8	Copper	0.00515	0.005000	mg/L	103	50 - 150	
23H1428-MRL1	Lead (Pb) EPA 200.8	Lead	0.005120	0.005000	mg/L	102	50 - 150	

\* Complete Entire COC to be in Compliance\*

**RUSH**

Due Date



# Chain of Custody

Client Name- **Perkins PWA**  
 Project Name- **SDWIS Analysis 20/6m 2022 (July to Dec)**

Sample Preserv. & Container →	1000 mL Plastic								
Analysis Requested →	Lead and Copper								
# of Container ↓									

Accurate Work Order #	Date Sample Taken	Time Sample Taken	Matrix or Source (Refer. below)	Grab (G) or Comp (C)	Client I.D. / Sample Location or DEQ / EPA Location Code	Field Results (pH, Temp, Chlorine, ...) (note analysis & units)		# of Container ↓	Lead and Copper						
						Location Code									
FH07043															
01	7/28/23	7:00 AM	DW	G	108 Lewis	LC088		1	1						
02	7/31/23	7:00 AM	DW	G	123 NE 1st	LC011		1	1						
			DW	G				1	1						
			DW	G				1	1						
			DW	G				1	1						
			DW	G				1	1						
			DW	G				1	1						
			DW	G				1	1						
			DW	G				1	1						

**On-Site Info** Raw Alkalinity (TOC Raw) = \_\_\_\_\_ mg/L Turbidity (E.Coli) = \_\_\_\_\_ ntu  
 Matrix Codes DW = Drinkingwater; 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

Field Instrument Calibration -				
Meter Type	Standards	Final Read.	Date, Time	Initials

Comments: **TIMES ARE APPROXIMATE** -- All Glass containers provided by Accurate Labs have Teflon lined lids --  
 -- 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. Signature: *[Signature]* Date/Time: 8/7/23 / 14:00

Sampled By: *[Signature]* Company: City of Perkins Sample Method: G

Relinquished By: *[Signature]* Date/Time: 8/7/23 / 14:00 Received By: *[Signature]* Date/Time: 8-7-23 14:00

Relinquished to Lab By: *[Signature]* Date/Time: 8-7-23 14:19 Received at Lab By: Madron Hender Rec'd °C: 24.2 Date/Time: 8-7-23 1419

Reporting Requirements (standard 10-15 working days) Compliance Reporting? Yes or No (DMR, PWS, ) Oklahoma PWS ID # **OK2006012** RUSH Request (if available) (Working Days)

Mail Report: City of Perkins  
 Address: PO Box 9  
 Perkins, OK 74059  
 Phone #: 405-714-7859 Fax #: 405-547-5440  
 Email: [cityclerk@cityofperkins.net](mailto:cityclerk@cityofperkins.net)

Mail Invoice: Accounts Payable  
 City of Perkins Bid # -  
 Address: PO Box 9  
 Perkins, OK 74059 PO # -  
[cityclerk@cityofperkins.net](mailto:cityclerk@cityofperkins.net) 091020 tkw  
 Phone #: 405-547-2445 Fax #: 405-547-5440

<a href="http://www accuratelabs.com">www accuratelabs.com</a> (800) 516-5227	505 South Lowry Street Stillwater, OK 74074 Phone: (405) 372-5300 Fax: (405) 372-5396	3910 East 51st Street Tulsa, OK 74135 Phone: (918) 663-5400 Fax: (918) 663-6300	12036 N. Pennsylvania Oklahoma City, OK 73120 Phone: (405) 751-3132 Fax: (405) 751-3108
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Failure to complete this Chain of Custody form correctly may delay turnaround time of analytical reporting.