



February 07, 2023  
 Client: Perkins PWA  
 PO Box 9  
 Perkins, OK 74059



National  
 Environmental  
 Laboratory  
 Accreditation  
 Program  
 ODEQ TNI Certified

**Requested By: -**

**Sample Project Name:** SDWIS Analysis Yearly

**Date Samples Received:** January 30, 2023      Time: 10:45      sample temp upon arrival at lab = 9.60°C - On Ice

**Matrix:** Drinking Water

**Lab Log Numbers:**      **FA30007-01**      **FA30007-02**      **FA30007-03**

**Work Order:** FA30007

**Report #** FA30007-0207231015

**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 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:** CI2 & Ortho Station - Well 1

**Location Code:** TP001

**PWSID#:** OK2006012

**Collection Type:** Grab

**Sample Time:** 1/30/23 9:48

**Lab Log#** FA30007-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	3.01 mg/L		0.50	01/31/23 07:50 CPL	02/01/23 11:45 CPL

**Sample:** CI2 & Ortho Station - Well 2

**Location Code:** TP002

**PWSID#:** OK2006012

**Collection Type:** Grab

**Sample Time:** 1/30/23 10:10

**Lab Log#** FA30007-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	1.04 mg/L		0.50	01/31/23 07:50 CPL	02/01/23 12:08 CPL

**Sample:** CI2 & Ortho Station - Ampride Well

**Location Code:** TP007

**PWSID#:** OK2006012

**Collection Type:** Grab

**Sample Time:** 1/30/23 10:00

**Lab Log#** FA30007-03

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	6.24 mg/L		0.50	01/31/23 07:50 CPL	02/01/23 12:30 CPL

### Notes and Definitions

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
23A3105-BLK1	Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	BPQL mg/L	0.50	

### Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
23A3105-BS1	Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	15.8	16.09	mg/L	98	90 - 110	
23A3105-MRL1	Nitrate+Nitrite EPA 300.0	Nitrate + Nitrite as N	0.65	0.7016	mg/L	92	50 - 150	

\* Complete Entire COC to be in Compliance\*

RUSH Due Date \_\_\_\_\_



# Chain of Custody

Client Name- **Perkins PWA**  
 Project Name- **SDWIS Analysis Yearly**

Sample Preserv. & Container →	Analysis Requested →	Nitrate-Nitrite							
ICE 1,000 mL Plastic									
	# 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		# of Container ↓	Nitrate-Nitrite					
						(pH, Temp, Chlorine, ... ) (note analysis & units)	Location Code							
FA30007														
-01	1-30-23	9:48	DW	G	CL2 & ORTHO STATION - WELL 1	TP001	1.20	1	1					
-02	1-30-23	10:10	DW	G	CL2 & ORTHO STATION - WELL 2	TP002	1.41	1	1					
-03	1-30-23	10:60	DW	G	CL2 & ORTHO STATION - AMPRIDE WELL	TP007	1.05	1	1					

**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

**Field Instrument Calibration -**

Meter Type	Standards	Final Read.	Date , Time	Initials

**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. Signature: *[Signature]* Date/Time 1-30-23 10:14

Sampled By: *[Signature]* Company: *[Signature]* Sample Method: \_\_\_\_\_  
 Relinquished By: *[Signature]* Date/Time 1-30-23 10:45 Received By: *[Signature]* Date/Time 1-30-23 10:45  
 Relinquished to Lab By: *[Signature]* Date/Time 1-30-23 10:15 Received at Lab By: *[Signature]* Rec'd °C 9.6 Date/Time 1/30/23 10:47

**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 **Mail Invoice:** Accounts Payable City of Perkins Bid # - \_\_\_\_\_  
 Address: PO Box 9 Perkins, OK 74059 Address: PO Box 9 Perkins, OK 74059 PO # - \_\_\_\_\_  
 Phone #: 405-714-7859 Fax #: 405-547-5440 cityclerk@cityofperkins.net 11042021  
 Email: cityclerk@cityofperkins.net Phone #: 405-547-2445 Fax #: 405-547-5440

[www.accuratelabs.com](http://www.accuratelabs.com) (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

Failure to complete this Chain of Custody form correctly may delay turnaround time of analytical reporting.