



April 28, 2023

Client: Perkins PWA

PO Box 9

Perkins, OK 74059

**Requested By:** Chad Beitz



National  
Environmental  
Laboratory  
Accreditation  
Program  
ODEQ TNI Certified

**Sample Project Name:** Wstewater Treatment Plant - Permit # OK0028801

**Date Samples Received:** April 21, 2023      Time: 8:59      sample temp upon arrival at lab = 14.60°C - On Ice

**Matrix:** Waste Water

**Lab Log Numbers:** **FD21003-01**

**Work Order:** FD21003

**Report #** FD21003-0428230909

**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 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:** *Effluent:*

**Location Code:**

**PWSID#:**

**Collection Type:** Grab

Sample Time: 4/21/23 8:30

**Lab Log#** FD21003-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
BOD5 SM5210 B	Biochemical Oxygen Demand	151 mg/L		2.00	04/21/23 09:15 RMM	04/26/23 13:00 RMM
Total Suspended Solids SM2540D 22nd ed. 2011	Total Suspended Solids	242 mg/L		50.0	04/24/23 15:00 JM2	04/26/23 15:25 JM2

### 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
23D2102-BLK1	BOD5 SM5210 B	Biochemical Oxygen Demand	BPQL mg/L	2.00	
23D2453-BLK1	Total Suspended Solids SM2540D 22nd ed. 2011	Total Suspended Solids	BPQL mg/L	2.50	

### Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
23D2102-BS1	BOD5 SM5210 B	Biochemical Oxygen Demand	195	198.0	mg/L	98	84.6 - 115.4	
23D2453-BS1	Total Suspended Solids SM2540D 22nd ed. 2011	Total Suspended Solids	234	250.0	mg/L	94	80 - 120	

\* Complete Entire COC to be in Compliance\*

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



# Chain of Custody

Client Name- **City of Perkins - Public Works Authority**  
 Project Name- **Wastewater Treatment Plant - Permit # OK0028801**

Sample Preserv. & Container →	1000 ml Plastic	1000 ml Plastic	500ml Plastic		
N/P					
Analysis Requested →	TSS / BOD	TSS / BOD	TDS		
# of Container ↓					
I	x				

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 ↓	TSS / BOD	TSS / BOD	TDS
						pH	Temp C°				
FD21003 -01	4-21-23	8:30	WW	G	Effluent:			I	x		

<b>On-Site Info</b>	Raw Alkalinity (TOC Raw)= _____ mg/L	Turbidity (E.Coli)= _____ ntu	Field Instrument Calibration -			
<b>Matrix Codes</b>	DW = Drinkingwater ; WW = Wastewater ; SL = Sludge ; O = Other _____		Meter Type	Standards	Final Read.	Date , Time
<b>E.Coli Source-</b>	FS = Flowing Stream ; RL = Reservoir Lake ; GWUDI = Groundwater under direct influence of surface water		HACH			

**Comments** **Samples Delivered On Ice. (Effluent is Disinfected with Ultra Violet Light)**

COE Date - \_\_\_\_\_

-- 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 James Sauls Date/Time 4-21-23

Sampled By: James Sauls Company: City of Perkins Sample Method: GRAB

Relinquished By: James Sauls Date/Time 4-21-23 8:40 Received By: Low Passer Date/Time 8:40

Relinquished to Lab By: \_\_\_\_\_ Date/Time 8:59 4/21/23 Received at Lab By: J. Schmiedt Rec'd °C 14.6 Date/Time 4/21/23 08:59

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

Mail Report To: chad beitz CBEITZ@cityofperkins.net  
 jsauls@cityofperkins.net  
 City Manager - citymanager@cityofperkins.net

Address: **City of Perkins**  
 P.O. Box. 9  
 Perkins, Ok. 74059

Phone #: (405) 714-7859 Fax #: (405) 547-5440

Mail Invoice To:

Address: **City of Perkins**  
 P.O. Box. 9  
 Perkins, Ok. 74059

Phone #: (405) 547-2445 Fax #: (405) 547-5440

Bid # - \_\_\_\_\_  
 PO # - \_\_\_\_\_