



August 25, 2023

Client: Perkins PWA

PO Box 9

Perkins, OK 74059

Requested By: -



National Environmental Laboratory Accreditation Program
ODEQ TNI Certified

Sample Project Name: Wastewater

Date Samples Received: August 10, 2023 Time: 9:28 sample temp upon arrival at lab = 18.90°C - On Ice

Matrix: Waste Water

Lab Log Numbers: **FH10021-01** **FH10021-02**

Work Order: FH10021

Report # FH10021-0825230811

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 method 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: WWTP

Location Code:

PWSID#:

Collection Type: Grab

Sample Time: 8/10/23 8:45

Lab Log# FH10021-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	20000 CFU/100ml	TNTC- ###	1.00	08/10/23 14:13 JGB	08/11/23 15:50 JGB

Sample: WWTP

Location Code:

PWSID#:

Collection Type: Grab

Sample Time: 8/10/23 8:50

Lab Log# FH10021-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
BOD5 SM5210 B	Biochemical Oxygen Demand	135 mg/L		2.00	08/11/23 08:00 RMM	08/16/23 13:00 RMM
Total Suspended Solids SM2540D 22nd ed. 2011	Total Suspended Solids	157 mg/L		35.7	08/11/23 13:02 JAB	08/15/23 11:01 JAB

Notes and Definitions

TNTC- TNTC - Too Numerous To Count. The actual value is higher than reported. The final result is our best estimate.

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
23H1104-BLK1	BOD5 SM5210 B	Biochemical Oxygen Demand	BPQL mg/L	2.00	
23H1048-BLK1	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
23H1048-BLK2	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
23H1048-BLK3	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
23H1048-BLK4	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
23H1153-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
23H1104-BS1	BOD5 SM5210 B	Biochemical Oxygen Demand	204	198.0	mg/L	103	84.6 - 115.4	
23H1153-BS1	Total Suspended Solids SM2540D 22nd ed. 2011	Total Suspended Solids	231	250.0	mg/L	92	80 - 120	

* Complete Entire COC to be in Compliance*

RUSH Due Date _____



Chain of Custody

Client Name- **Perkins PWA**
 Project Name- **Wastewater**

Sample Preserv. & Container →	ICE								
	125 mL Na ₂ S ₂ O ₈	IL	NIP						
Analysis Requested →	E-Coli MF	BOD/TSS							
			# 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)		
FH10021								
101	8/10/2023	8:45am	WW	G	WWTP			
102	08/10/2023	08:50am	WW	G	WWTP			

On-Site Info Raw Alkalinity _____ Turbidity _____
 (TOC Raw)= _____ mg/L (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 samples are scheduled to be disposed of in 4 weeks of receipt at Accurate.--

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: 8-10-23 08:00

Sampled By: *James Sauls* Company: City of Perkins Sample Method: **Grab**

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
 Relinquished to Lab By: *James Sauls* Date/Time: 8-10-23 09:28 Received at Lab By: *J. Schmielt* Rec'd °C: 18.9 Date/Time: 8-10-23/09:28
 Relq'd to Log-In Fridge By: _____

Reporting Requirements (standard 10-15 working days) Compliance Reporting? (DMR, PWS,) Yes or No () 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: citymanager@cityofperkins.net, jsauls@cityofperkins.net
elovelace@cityofperkins.net, cbeitz@cityofperkins.net

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

www.accuratelabs.com (800) 516-5227 505 South Lowry Street Phone: (405) 372-5300 Stillwater, OK 74074 Fax: (405) 372-5396 3910 East 51st Street Phone: (918) 663-5400 Tulsa, OK 74135 Fax: (918) 663-6300 12036 N. Pennsylvania Phone: (405) 751-3132 Oklahoma City, OK 73120 Fax: (405) 751-3108

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