



April 21, 2022

Client: Perkins PWA

PO Box 9

Perkins, OK 74059

Requested By: Chad Beitz



National Environmental Laboratory Accreditation Program
ODEQ TNI Certified

Sample Project Name: Wastewater

Date Samples Received: April 06, 2022 Time: 13:45 sample temp upon arrival at lab = 9.10°C - On Ice

Matrix: Drinking Water Waste Water

Lab Log Numbers: **ED06123-01** **ED06123-02**

Work Order: ED06123

Report # ED06123-0421220834

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: WWTP Effluent

Location Code:

PWSID#:

Collection Type: Grab

Sample Time: 4/6/22 11:00

Lab Log# ED06123-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	16.1 CFU/100ml		1.00	04/06/22 16:00 STO	04/07/22 15:21 STO

Sample: 408 Fairway -Non-Compliance

Location Code:

PWSID#:

Collection Type: Grab

Sample Time: 4/5/22 9:00

Lab Log# ED06123-02

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Copper (Cu) EPA 200.8	Copper	0.034 mg/L		0.010	04/14/22 15:55 NIC	04/14/22 17:38 LF

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
22D0643-BLK1	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
22D0643-BLK2	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
22D0643-BLK3	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
22D0643-BLK4	Ecoli. m-ColiBlue24 MF, Hach 10029	Escherichia Coliform	BPQL CFU/100 ml	1.00	
22D1477-BLK1	Copper (Cu) EPA 200.8	Copper	BPQL mg/L	0.010	

Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
22D1477-BS1	Copper (Cu) EPA 200.8	Copper	0.092	0.1000	mg/L	92	90 - 110	
22D1477-MRL1	Copper (Cu) EPA 200.8	Copper	0.007	0.005000	mg/L	135	50 - 150	

* 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 ₃	500 mL NIP							
Analysis Requested →	E-Coli MF	Copper (Cu)							
# of Container ↓	1	1							

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)		
ED06123								
01	4/6/22	1100	WW	G	WWTP Effluent			
02	4/5/22	900	DW	G	408 Fairway - Non-Compliance			

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
HACH	4-7-10	7.05	4/6/22	ZI

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:** *[Signature]* **Date/Time:** 4/6/22

Sampled By: Zachery Isca **Company:** City of Perkins **Sample Method:** Grab

Relinquished By: Zachery Isca **Date/Time:** 4/6/22 **Received By:** Zachery Isca **Date/Time:** 4/6/22

Relinquished to Lab By: Zachery Isca **Date/Time:** 4/6/22 **Received at Lab By:** *[Signature]* **Rec'd °C:** 9.1 **Date/Time:** 4/6/22 **1345**

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: Chad Beitz City of Perkins Address: PO Box 9 Perkins, OK 74059 Phone #: 405-547-2445 Fax #: 405-547-5440 Email: cbeitz@cityofperkins.net zisca@cityofperkins.net citymanager@cityofperkins.net cityclerk@cityofperkins.net	Mail Invoice: Accounts Payable City of Perkins Bid # - _____ Address: Po Box 9 Perkins, OK 74059 PO # - _____ Phone #: 405-547-2445 Fax #: 405-547-5440		