



April 07, 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: Analysis

Date Samples Received: March 30, 2022 Time: 13:36 sample temp upon arrival at lab = 12.60°C - On Ice

Matrix: Waste Water

Lab Log Numbers: **EC30050-01**

Work Order: EC30050

Report # EC30050-0407220818

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*

Location Code:

PWSID#:

Collection Type: Grab

Sample Time: 3/30/22 10:30

Lab Log# EC30050-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
COD SM5220 D	Chemical Oxygen Demand	174 mg/L		15.0	04/04/22 08:36 RMM	04/05/22 07:49 RMM
HEM by EPA 1664A	Oil & Grease (HEM)	BPQL mg/L	MS	5	04/01/22 08:18 SJ	04/04/22 10:53 SJ

Notes and Definitions

MS Insufficient sample volume received to perform MS/MSD for this analysis.

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
22D0402-BLK1	COD SM5220 D	Chemical Oxygen Demand	BPQL mg/L	15.0	
22D0108-BLK1	HEM by EPA 1664A	Oil & Grease (HEM)	BPQL mg/L	5	

Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
22D0402-BS1	COD SM5220 D	Chemical Oxygen Demand	999	1000	mg/L	100	90 - 110	
22D0402-BS2	COD SM5220 D	Chemical Oxygen Demand	92.0	100.0	mg/L	92	90 - 110	
22D0108-BS1	HEM by EPA 1664A	Oil & Grease (HEM)	37.7	40.00	mg/L	94	78 - 114	

LCS Duplicate Data

QC Lab#	Test Group	Test Name	LCS % Rec.	LCS Dup % Rec.	Recovery Limits	RPD	RPD Limit	Flags
22D0108-BSD1	HEM by EPA 1664A	Oil & Grease (HEM)	94	102	78 - 114	8	20	

* Complete Entire COC to be in Compliance*

RUSH Due Date



Chain of Custody

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

Sample Preserv. & Container →	<i>1.000 ml H₂SO₄</i>	<i>5.00 ml H₂O₂</i>						
Analysis Requested →	<i>FOG</i>	<i>COD</i>						
# of Container ↓	<i>1</i>	<i>1</i>						

Accurate Work Order #	Date Sample Taken	Time Sample Taken	Matrix or Source <small>(Refer. below)</small>	Grab (G) or Com P (C)	Client I.D. / Sample Location or DEQ / EPA Location Code	Field Results <small>(pH, Temp, Chlorine, ...) (note analysis & units)</small>		# of Container ↓	FOG	COD				
						Location Code								
<i>EC30050</i>														
<i>-01</i>	<i>3/30/22</i>	<i>1030</i>	<i>WW</i>	<i>G</i>	<i>WWTP</i>			<i>1</i>	<i>1</i>					
<i>-01</i>	<i>3/30/22</i>	<i>1030</i>	<i>WW</i>	<i>G</i>	<i>WWTP</i>			<i>1</i>		<i>1</i>				

On-Site Info Raw Alkalinity _____ mg/L (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
 -- 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: *3/30/22*

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

Relinquished By: *Zachery Isca* Date/Time: *3/30/22* Received By: *Zachery Isca* Date/Time: *3/30/22*

Relinquished to Lab By: *Zachery Isca* Date/Time: *3/30/22* Received at Lab By: *[Signature]* Rec'd °C: *12.6* Date/Time: *3/30/22*
 Relq'd to Log-In Fridge By: *[Signature]* Date/Time: *3/30/22* *1336* Date/Time: *3/30/22* *1336*

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

Mail Report: Chad Beitz City of Perkins 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 cityclerk@cityofperkins.net PO # - _____ Phone #: 405-547-2445 Fax #: 405-547-5440
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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
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Failure to complete this Chain of Custody form correctly may delay turnaround time of analytical reporting.