



September 11, 2020

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:** September 08, 2020      Time: 13:50      sample temp upon arrival at lab = 3.30°C - On Ice

**Matrix:** Waste Water

**Lab Log Numbers:** **CI08083-01**

**Work Order:** CI08083

**Report #** CI08083-0911200915

**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  
Oklahoma City NELAP CERT # E-10414

**Texas Certification:** Stillwater Drinking Water NELAP CERT # T105704533-14-1

**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: 9/8/20 11:50

Lab Log# CI08083-01

| Method/Parameter                   | Test                 | Result         | Notes | PQL# | Prep Info          | Analysis Info      |
|------------------------------------|----------------------|----------------|-------|------|--------------------|--------------------|
| Ecoli. m-ColiBlue24 MF, Hach 10029 | Escherichia Coliform | 17.5 CFU/100ml |       | 1.00 | 09/08/20 14:45 RND | 09/09/20 14:45 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 |
|--------------|------------------------------------|----------------------|-----------------|------|-------|
| 20I0846-BLK1 | Ecoli. m-ColiBlue24 MF, Hach 10029 | Escherichia Coliform | BPQL CFU/100 ml | 1.00 |       |

\* Complete Entire COC to be in Compliance\*



# Chain of Custody

RUSH      Due Date \_\_\_\_\_

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

|                                  |  |   |  |  |  |  |  |  |  |
|----------------------------------|--|---|--|--|--|--|--|--|--|
| Sample Preserv. & Container<br>→ | ICE  |   |  |  |  |  |  |  |  |
|                                  | 125 mL Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |   |  |  |  |  |  |  |  |
| Analysis Requested<br>→          | E-Coli MF  |   |  |  |  |  |  |  |  |
|                                  |  |   |  |  |  |  |  |  |  |
| # of Container<br>↓              | 1  | 1 |  |  |  |  |  |  |  |

| Accurate Work Order # | Date Sample Taken | Time Sample Taken | Matrix or Source<br>(Refer below) | Grab (G) or Comp (C) | Client I.D. / Sample Location<br>or<br>DEQ / EPA Location Code | Field Results<br>(pH, Temp, Chlorine, ...)<br>(note analysis & units) |  |  |
|-----------------------|-------------------|-------------------|-----------------------------------|----------------------|--|---|--|--|
|                       |                   |                   |                                   |                      |  |   |  |  |
| 01                    | 09/08/20          | 1150              | WW                                | G                    | WWTP Effluent  |   |  |  |
|                       |                   |                   |                                   |                      |  |   |  |  |
|                       |                   |                   |                                   |                      |  |   |  |  |
|                       |                   |                   |                                   |                      |  |   |  |  |

|   |  |                               |                                |           |             |            |          |
|---|--|-------------------------------|--------------------------------|-----------|-------------|------------|----------|
| On-Site Info  | Raw Alkalinity (TOC Raw)= _____ mg/L   | Turbidity (E.Coli)= _____ ntu | Field Instrument Calibration - |           |             |            |          |
|   | Matrix Codes: DW = Drinking Water    WW = Wastewater    SL = Sludge    O = Other _____ |                               | Meter Type                     | Standards | Final Read. | Date, Time | Initials |
| E.Coli Source- GWUDI-FS= Groundwater under direct influence of Flowing Stream    GWUDI-RL= Groundwater under direct influence of Reservoir/Lake |  |                               | HACH                           | 4-7-10    | 7.06        | 09/08/20   | 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: *Zachery Isca*      Date/Time: 09/08/20

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

Relinquished By: Zachery Isca      Date/Time: 09/08/20      Received By: Zachery Isca      Date/Time: 09/08/20

Relinquished to Lab By: Zachery Isca      Date/Time: 09/08/20 13:50      Received at Lab By: *AWC*      Rec'd °C: 3.3V      Date/Time: 09/08/20 13:50

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