CITY OF PITTSBURG

Consumer Confidence Report – 2025

Covering Calendar Year – 2024

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affect drinking water quality, please call MATT BACON at 620-240-5138.

Your water comes from 4 Ground Water Well(s):

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as those with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) included rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in sources water before we treat it include:
Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, livestock operations and wildlife.
Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
Pesticides and herbicides, which may come from a variety of sources such as storm water run-off, agriculture, and residential users.
Radioactive contaminants, which can be naturally occurring or the result of mining activity.
Organic contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Our water system is required to test a minimum of 20 samples per month in accordance with the Revised Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public.

Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2024 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1- December 31, 2024. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. **The bottom line is that the water that is provided to you is safe.**

Terms & Abbreviations

Maximum Contaminant Level Goal (MCLG): the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.
Maximum Contaminant Level (MCL): the "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Secondary Maximum Contaminant Level (SMCL): recommended level for a contaminant that is not regulated and has no MCL.
Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements.
Treatment Technique (TT): a required process intended to reduce levels of a contaminant in drinking water.
Maximum Residual Disinfectant Level (MRDL): the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Non-Detects (ND): lab analysis indicates that the contaminant is not present.
Parts per Million (ppm): or milligrams per liter (mg/l)
Parts per Billion (ppb): or micrograms per liter (µg/l)
Picocuries per Liter (pCi/L): a measure of the radioactivity in water.
Millirems per Year (mrem/yr): measure of radiation absorbed by the body.
Monitoring Period Average (MPA): An average of sample results obtained during a defined time frame, common examples of monitoring periods are monthly, quarterly and yearly.
Nephelometric Turbidity Unit (NTU): a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Turbidity is not regulated for groundwater systems.
Running Annual Average (RAA): an average of sample results obtained over the most current 12 months and used to determine compliance with MCLs.
Locational Running Annual Average (LRAA): Average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

Testing Results for: CITY OF PITTSBURG

Regulated Contaminants	Collection Date	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ARSENIC	3/14/2022	1.1	1.1	ppb	10	0	Erosion of natural deposits
BARIUM	3/14/2022	0.016	0.016	ppm	2	2	Discharge from metal refineries
CHROMIUM	3/14/2022	2.6	2.6	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	4/17/2024	0.9	0.75 - 0.9	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
SELENIUM	3/14/2022	3.7	3.7	ppb	50	50	Erosion of natural deposits

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2024	11	3.1 - 9.3	ppb	60	0	By-product of drinking water disinfection
TTHM	2024	25	8.8 - 39	ppb	80	0	By-product of drinking water chlorination

There is no safe level of lead in drinking water. Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

Lead and Copper	Monitoring Period	90th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2020 - 2022	0.038	0.0011 - 0.074	ppm	1.3	0	Corrosion of household plumbing
LEAD	2020 - 2022	0	0 - 3.9	ppb	15	0	Corrosion of household plumbing

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CITY OF PITTSBURG is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact CITY OF PITTSBURG Public Works & Utilities Department, please call (620) 240-5126. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at http://www.epa.gov/safewater/lead.

The Revised Lead and Copper Rule requires water systems to develop and maintain a Service Line Inventory. The service line is the underground pipe that supplies your home or building with water. To view the Service Line Inventory, which lists the material type(s) for your location, you may view the inventory at: 1506 N. Walnut St. Monday - Friday 8:00 a.m. - 5:00 p.m. (620) 240-5126.

Chlorine/Chloramines Maximum Disinfection Level	MPA	MPA Units	RAA	RAA Units
2024 - 2024	2.4000	MG/L	1.9	MG/L

Secondary Contaminants – Non-Health Based Contaminants - No Federal Maximum Contaminant Level (MCL) Established.	Collection Date	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	3/14/2022	82	82	MG/L	300
ALUMINUM	3/14/2022	0.034	0.034	MG/L	0.05
CALCIUM	3/14/2022	16	16	MG/L	200
CHLORIDE	3/14/2022	140	140	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	3/14/2022	690	690	UMHO/CM	1500
HARDNESS, TOTAL (AS CACO3)	3/14/2022	110	110	MG/L	400
MAGNESIUM	3/14/2022	17	17	MG/L	150
PH	3/14/2022	8.2	8.2	PH	8.5
PHOSPHORUS, TOTAL	3/14/2022	0.26	0.26	MG/L	5
POTASSIUM	3/14/2022	5.6	5.6	MG/L	100
SILICA	3/14/2022	9.2	9.2	MG/L	50
SODIUM	3/14/2022	96	96	MG/L	100
SULFATE	3/14/2022	53	53	MG/L	250
TDS	3/14/2022	390	390	MG/L	500

Please Note: Because of sampling schedules, results may be older than 1 year.

During the 2024 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Comments
No Violations Occurred in the Calendar Year of 2024		

There are no additional required health effects notices.There are no additional required health effects violation notices.

Fifth Unregulated Contaminant Monitoring Rule

The Unregulated Contaminant Monitoring Rule 5 (UCMR 5) is a program by the U.S. Environmental Protection Agency (EPA) that requires public water systems to monitor for certain unregulated contaminants in drinking water. This helps the EPA and other stakeholders understand the prevalence and levels of these contaminants in drinking water, including PFAS and lithium. The data collected informs future regulatory decisions and helps target solutions to address potential health risks.

Here's a more detailed explanation:

What is UCMR?

- The UCMR program is mandated by the Safe Drinking Water Act (SDWA), requiring the EPA to publish a list of unregulated contaminants for monitoring every five years.
- It focuses on contaminants that may be present in drinking water but don't yet have established health-based standards under the SDWA.
- UCMR 5, the fifth iteration of the rule, was published on December 27, 2021, with monitoring occurring between 2023 and 2025.

What does UCMR 5 monitor?

- UCMR 5 focuses on 30 chemical contaminants, including 29 PFAS (per- and polyfluoroalkyl substances) and lithium.
- These contaminants are suspected to be present in drinking water and require further study to understand their occurrence and potential health impacts.

Who participates in UCMR 5?

- All public water systems serving 3,300 to 10,000 people are required to participate.
- A representative sample of public water systems serving fewer than 3,300 people are also included.
- Large systems (serving over 10,000 people) must cover their own testing costs, while the EPA covers the analytical costs for smaller systems.

Why is UCMR 5 important?

- The data collected through UCMR 5 helps the EPA, states, and water systems understand the presence and levels of these unregulated contaminants in drinking water.
- This information is crucial for making science-based decisions about drinking water standards, treatment options, and addressing potential health risks.

- The data can also help identify communities disproportionately impacted by certain contaminants, particularly those with environmental justice concerns.

- The EPA provides resources and support, such as free technical assistance through Water Technical Assistance (WaterTA), to help water systems address these emerging contaminants.

How can I find UCMR 5 data?

- The EPA's UCMR 5 Data Finder allows users to search, summarize, and download monitoring results.
- Data is reported by participating laboratories and water systems to the EPA, and is available after a period of time following sample collection.

Please see UCMR 5 Lab Analysis below from EPA approved Accurate Environmental Laboratories as required by Kansas Department of Health and Environment to be included with the Consumer Confidence Report

The U.S. EPA has not established a regulatory standard for lithium and PFAS in drinking water.

March 19, 2025

Client: Pittsburg, KS PWA

602 South Freeking

Pittsburg, KS 66762

Requested By: -

National Environmental Laboratory Accreditation Program
ODEQ TNI Certified

Sample Project Name:	UCMR5
Date Samples Received:	March 06, 2025 Time: 9:20 sample temp upon arrival at lab = 2.40°C - On Ice
Matrix:	Drinking Water
Lab Log Numbers:	**HC06008-01** **HC06008-02**
Work Order:	HC06008
Report #	HC06008-0319251228
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 meet all requirements of TNI. 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 certifcation 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.

Field accreditation certification only applies to wastewater analysis. Field analysis for drinking water methods are not offered as part of the ODEQ's field certification program.

Sample: ***133078*** **Location Code:** **PWSID#:**

Collection Type: Grab Sample Time: 3/4/25 11:20 **Lab Log#** HC06008-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Lithium (Li) EPA 200.7 UCMR5	Lithium	204 ug/L		9.00	03/13/25 11:50 LF	03/15/25 13:09 LF
Perfluorinated Comps by EPA 537.1 UCMR5	NMeFOSAA	BPQL ug/L		0.00580	03/08/25 07:03 CHC	03/08/25 23:09 CHC
Perfluorinated Comps by EPA 537.1 UCMR5	NEtFOSAA	BPQL ug/L		0.00470	03/08/25 07:03 CHC	03/08/25 23:09 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluorobutanoic acid (PFBA)	BPQL ug/L		0.00446	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotridecanoic acid (PFTrDA)	BPQL ug/L		0.00650	03/08/25 07:03 CHC	03/08/25 23:09 CHC
Perfluorinated Comps by EPA 533 UCMR5	PFMPA	BPQL ug/L		0.00357	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanoic acid (PFPeA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotetradecanoic acid (PFTA)	BPQL ug/L		0.00727	03/08/25 07:03 CHC	03/08/25 23:09 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluorobutanesulfonic acid (PFBS)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	PFMBA	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	NFDHA	BPQL ug/L		0.0179	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2FTS)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluorohexanoic acid (PFHxA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanesulfonic acid (PFPeS)	BPQL ug/L		0.00357	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	hexafluoropropylene oxide dimer acid (HFPO-DA)	BPQL ug/L		0.00446	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluoroheptanoic acid (PFHpA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluorohexanesulfonic acid (PFHxS)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2FTS)	BPQL ug/L		0.00446	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluorooctanoic acid (PFOA)	BPQL ug/L		0.00179	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluoroheptanesulfonic acid (PFHpS)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluorooctanesulfonic acid (PFOS)	BPQL ug/L		0.00179	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluorononanoic acid (PFNA)	BPQL ug/L		0.00357	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	9Cl-PF3ONS	BPQL ug/L		0.00179	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2FTS)	BPQL ug/L		0.00446	03/08/25 07:14 CHC	03/11/25 02:53 CHC

Sample: **Location Code:** **PWSID#:**

Collection Type: Grab Sample Time: 3/4/25 11:20 **Lab Log#** HC06008-01

Method/Parameter	Test	Result	Notes	PQL#	Prep Info	Analysis Info
Perfluorinated Comps by EPA 533 UCMR5	perfluorodecanoic acid (PFDA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	Perfluoroundecanoic acid (PFUnA)	BPQL ug/L		0.00179	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	11Cl-PF3OUdS	BPQL ug/L		0.00446	03/08/25 07:14 CHC	03/11/25 02:53 CHC
Perfluorinated Comps by EPA 533 UCMR5	perfluorododecanoic acid (PFDoA)	BPQL ug/L		0.00268	03/08/25 07:14 CHC	03/11/25 02:53 CHC

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 **Test results performed meet all method and TNI requirements unless otherwise noted.**

Blank Data

QC Lab #	Test Group	Test	Result	PQL	Flags
25C1349-BLK1	Lithium (Li) EPA 200.7 UCMR5	Lithium	BPQL ug/L	9.00	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	NMeFOSAA	BPQL ug/L	0.00600	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	NEtFOSAA	BPQL ug/L	0.00500	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluorobutanoic acid (PFBA)	BPQL ug/L	0.00500	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotridecanoic acid (PFTrDA)	BPQL ug/L	0.00700	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	PFMPA	BPQL ug/L	0.00400	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanoic acid (PFPeA)	BPQL ug/L	0.00300	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotetradecanoic acid (PFTA)	BPQL ug/L	0.00800	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorobutanesulfonic acid (PFBS)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	PFMBA	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	NFDHA	BPQL ug/L	0.0200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2FTS)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluorohexanoic acid (PFHxA)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanesulfonic acid (PFPeS)	BPQL ug/L	0.00400	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	hexafluoropropylene oxide dimer acid (HFPO-DA)	BPQL ug/L	0.00500	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluoroheptanoic acid (PFHpA)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorohexanesulfonic acid (PFHxS)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2FTS)	BPQL ug/L	0.00500	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorooctanoic acid (PFOA)	BPQL ug/L	0.00200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluoroheptanesulfonic acid (PFHpS)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluorooctanesulfonic acid (PFOS)	BPQL ug/L	0.00200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorononanoic acid (PFNA)	BPQL ug/L	0.00400	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	9Cl-PF3ONS	BPQL ug/L	0.00200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2FTS)	BPQL ug/L	0.00500	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluorodecanoic acid (PFDA)	BPQL ug/L	0.00300	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	Perfluoroundecanoic acid (PFUnA)	BPQL ug/L	0.00200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	11Cl-PF3OUdS	BPQL ug/L	0.00500	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	perfluorododecanoic acid (PFDoA)	BPQL ug/L	0.00300	

Laboratory Control Sample Data

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
25C1349-BS1	Lithium (Li) EPA 200.7 UCMR5	Lithium	8.90	9.000	ug/L	99	85 - 115	
25C1349-BS2	Lithium (Li) EPA 200.7 UCMR5	Lithium	40.3	40.02	ug/L	101	85 - 115	
25C0801-MRL1	Perfluorinated Comps by EPA 537.1 UCMR5	NMeFOSAA	0.00206	0.002000	ug/L	103	50 - 150	
25C0801-MRL1	Perfluorinated Comps by EPA 537.1 UCMR5	NEtFOSAA	0.00213	0.002000	ug/L	106	50 - 150	
25C0801-MRL1	Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotridecanoic acid (PFTrDA)	0.00215	0.002000	ug/L	108	50 - 150	
25C0801-MRL1	Perfluorinated Comps by EPA 537.1 UCMR5	perfluorotetradecanoic acid (PFTA)	0.00177	0.002000	ug/L	89	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluorobutanoic acid (PFBA)	0.00503	0.005000	ug/L	101	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	PFMPA	0.00369	0.004000	ug/L	92	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanoic acid (PFPeA)	0.00204	0.002000	ug/L	102	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorobutanesulfonic acid (PFBS)	0.00170	0.001776	ug/L	96	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	PFMBA	0.00197	0.002000	ug/L	98	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	0.00194	0.001784	ug/L	109	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	NFDHA	0.0154	0.02000	ug/L	77	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2FTS)	0.00186	0.001876	ug/L	99	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluorohexanoic acid (PFHxA)	0.00210	0.002000	ug/L	105	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluoropentanesulfonic acid (PFPeS)	0.00210	0.001880	ug/L	111	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	hexafluoropropylene oxide dimer acid (HFPO-DA)	0.00517	0.005000	ug/L	103	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluoroheptanoic acid (PFHpA)	0.00221	0.002000	ug/L	110	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	0.00190	0.001892	ug/L	100	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorohexanesulfonic acid (PFHxS)	0.00219	0.001825	ug/L	120	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorooctane sulfonic acid (6:2FTS)	0.00484	0.004760	ug/L	102	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorooctanoic acid (PFOA)	0.00206	0.002000	ug/L	103	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluoroheptanesulfonic acid (PFHpS)	0.00183	0.001908	ug/L	96	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluorooctanesulfonic acid (PFOS)	0.00195	0.001856	ug/L	105	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluorononanoic acid (PFNA)	0.00180	0.002000	ug/L	90	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	9Cl-PF3ONS	0.00165	0.001868	ug/L	88	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2FTS)	0.00189	0.001920	ug/L	99	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluorodecanoic acid (PFDA)	0.00173	0.002000	ug/L	86	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	Perfluoroundecanoic acid (PFUnA)	0.00203	0.002000	ug/L	102	50 - 150	
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	11Cl-PF3OUdS	0.00174	0.001888	ug/L	92	50 - 150	

Laboratory Control Sample Data (cont'd)

Lab QC#	Test Group	Test Name	LCS Result	Spike Level	Units	% Rec.	Control Limits	Flags
25C0803-MRL1	Perfluorinated Comps by EPA 533 UCMR5	perfluorododecanoic acid (PFDoA)	0.00191	0.002000	ug/L	96	50 - 150	

Quality Control Data

Surrogate Recovery Data

QC Lab#	Test Group	Test Name	% Recovery	Recovery Limits	Flags
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] decanesulfonate (M2-8:2FTS)	104	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] hexanesulfonate (M2-4:2FTS)	115	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] octanesulfonate (M2-6:2FTS)	107	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C2-PF [1,2]dodecanoic acid (MPFDoA)	110	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C3-NaPF 1-[1,2,3] hexanesulfonate (M3PFHxS)	95	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C3-NaPF 1-[2,3,4] butanesulfonate (M3PFBS)	97	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C3-PF 2-methyl-3-oxahexanoic acid (M3HFPO-DA)	95	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C4-PF [1,2,3,4] heptanoic acid (M4PFHpA)	101	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C4-PF butanoic acid (MPFBA)	104	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C5-PF [1,2,3,4,6] hexanoic acid (M5PFHxA)	100	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C5-PF pentanoic acid (M5PFPeA)	104	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C6-PF [1,2,3,4,5,6] decanoic acid (M6PFDA)	104	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C7-PF [1,2,3,4,5,6,7] undecanoic acid (M7PFUdA)	102	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C8-NaPF 1-octanesulfonate (M8PFOS)	103	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C8-PF octanoic acid (M8PFOA)	107	50 - 200	
25C0803-BLK1	Perfluorinated Comps by EPA 533 UCMR5	13C9-PF nonanoic acid (M9PFNA)	103	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] decanesulfonate (M2-8:2FTS)	116	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] hexanesulfonate (M2-4:2FTS)	119	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C2-NaPF 1-[1,2] octanesulfonate (M2-6:2FTS)	114	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C2-PF [1,2]dodecanoic acid (MPFDoA)	96	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C3-NaPF 1-[1,2,3] hexanesulfonate (M3PFHxS)	95	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C3-NaPF 1-[2,3,4] butanesulfonate (M3PFBS)	97	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C3-PF 2-methyl-3-oxahexanoic acid (M3HFPO-DA)	81	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C4-PF [1,2,3,4] heptanoic acid (M4PFHpA)	90	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C4-PF butanoic acid (MPFBA)	90	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C5-PF [1,2,3,4,6] hexanoic acid (M5PFHxA)	91	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C5-PF pentanoic acid (M5PFPeA)	94	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C6-PF [1,2,3,4,5,6] decanoic acid (M6PFDA)	98	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C7-PF [1,2,3,4,5,6,7] undecanoic acid (M7PFUdA)	98	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C8-NaPF 1-octanesulfonate (M8PFOS)	106	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C8-PF octanoic acid (M8PFOA)	93	50 - 200	
HC06008-01	Perfluorinated Comps by EPA 533 UCMR5	13C9-PF nonanoic acid (M9PFNA)	99	50 - 200	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	13C3-PF 2-methyl-3-oxahexanoic acid (M3HFPO-DA)	120	70 - 130	

25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	13C-PFDA	121	70 - 130	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	13C-PFHxA	120	70 - 130	
25C0801-BLK1	Perfluorinated Comps by EPA 537.1 UCMR5	d5-PF N-ethyl-1-octanesulfonamidoAA (d5-N-EtFOSAA)	122	70 - 130	
HC06008-01	Perfluorinated Comps by EPA 537.1 UCMR5	13C3-PF 2-methyl-3-oxahexanoic acid (M3HFPO-DA)	95	70 - 130	
HC06008-01	Perfluorinated Comps by EPA 537.1 UCMR5	13C-PFDA	100	70 - 130	
HC06008-01	Perfluorinated Comps by EPA 537.1 UCMR5	13C-PFHxA	101	70 - 130	
HC06008-01	Perfluorinated Comps by EPA 537.1 UCMR5	d5-PF N-ethyl-1-octanesulfonamidoAA (d5-N-EtFOSAA)	99	70 - 130	

* Complete Entire COC to be in Compliance*

☐ RUSH Due Date _____

Chain of Custody

Accurate Environmental Labs

Client Name- **Pittsburg KS**

Project Name- **UCMR5**

Accurate Work Order #	Date Sample Taken	Time Sample Taken	Matrix or Source (Refer. below)	Grab (G) or Comp (C)	SP ID	SP Name		Sampling Event	Sample Preserv. & Container → / # of Container ↓	500ml HNO3 UCMR5 Lithium	250ml PP Amm Ace 4C UCMR5 PFAS 533	250ml PP Trizma 4C UCMR5 PFAS 537.1				
									Analysis Requested →							
HC06008																
01	3/4/25	11:20	DW	G	133078	EP to DS		SE1	5	1	2	2				
02	3/4/25	11:20	DW	G		Field Blank for 133078		SE1	3		2	1				

On-Site Info

Comments: Lab Faucet

-- 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 3/4/25 11:20 AM

Sampled By: [redacted] Company: City of Pittsburg Sample Method: Grab

Relinquished By: [redacted] Date/Time 3/4/25 / 3:15pm Received By: _____ Date/Time _____

☐ Relinquished to Lab By: GW 3-6-25 ~~USPS~~ UPS Date/Time 0920 3-6-25 Received at Lab By: Gabrielle W Rec'd °C- ICE 2.4 ✓ Date/Time 0920 3-6-25

☐ Relq'd to Log-In Fridge By:

Reporting Requirements (standard 10-15 working days)		Compliance Reporting?	Yes or No (DMR, PWS, UCMR4)	PWS ID #	KS2003705	RUSH Request (if available)	_____ (Working Days)

Mail Report To: _____

Address _____

Phone #: _____ Fax #: _____

Email: [redacted]

Mail Invoice To: _____

Address: [redacted]

Phone #: _____ Fax #: _____

Bid # - _____

PO # - _____

www.accuratelabs.com (800) 516-5227

505 South Lowry Street, Stillwater, OK 74074 Phone: (405) 372-5300 Fax: (405) 372-5396

6558 E. 40th Street, Tulsa, OK 74145 Phone: (918) 663-5400 Fax: (918) 663-6300

12036 N. Pennsylvania, Oklahoma City, OK 73120 Phone: (405) 751-3132 Fax: (405) 751-3108