Village of Homewood
Water Quality Report 2024

Dear Water Customer,

This year, as in years past, your tap water was tested according to USEPA and State drinking water health standards. Our system vigilantly safeguarded its water supply, and we are working hard to continue providing the best water possible. **The Village's water supply had 1 water quality or monitoring violation in 2024.** The violation was for not completing Lead and Copper water samples during the first quarter of 2023. This violation has been corrected and the Village of Homewood is in compliance with the EPA. A public notice concerning the sampling violation can be found at the end of this report.

This consumer annual report summarizes the quality of water that we provided last year. Also included in this report are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information concerning your water supply because informed customers are our best allies.

For all the lead and copper sample results for 2024 go to:
https://www.village.homewood.il.us/government-departments/lead-service-line

Also included in this report are the results from the UCMR5 samples that were taken during 2024.
Our water system has sampled for a series of unregulated contaminants (UCMR5 Results). Unregulated contaminants are those that don't yet have a drinking water standards set by EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that this data is available.

If you have any questions about this report or your water system, please contact Eric Fritz at 206-3470. You are also invited to attend the regularly scheduled Village Board meetings on the second and fourth Tuesday of every month.

VILLAGE OF HOMEWOOD
Department of Public Works

HPW
Working Together for the Public

Water Quality Report 2024

The Village of Homewood purchases our water from Chicago Heights. Chicago Heights receives water from the City of Hammond Indiana. The City of Hammond uses Lake Michigan as its source of water.

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

Contaminants that **may** be present in source water include:

- Microbial contaminants, *such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural 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 agriculture, urban storm water runoff, and residential uses;*
- Organic Chemicals contaminants, *including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems;*
- Radioactive contaminants, *which can be naturally occurring or be the result of oil and gas production and mining activities.*

Source Water Assessment Program

The Illinois EPA completed The Source Water Assessment Program for the City of Chicago. The Illinois EPA implemented a Source Water Assessment Program (SWAP) to assist with watershed protection of public drinking water supplies. The SWAP inventoried potential sources of contamination and determined the susceptibility of the source water to contamination.

The Illinois EPA considers all surface water sources of community water supplies to be susceptible to pollution problems. The very nature of surface water allows contaminants to migrate unimpeded into the intake. This is the reason for mandatory treatment of all surface water supplies in Illinois. Hammond offshore intakes are located at a distance such that shoreline contaminants are not usually considered factors of water quality. At certain times of the year, however the potential for contamination exists due to wet weather water flows and river reversals. In addition, the placement of crib structures may attract waterfowl, gulls and terns that frequent the Great Lakes area, herby concentrating fecal deposits at the intake and thus compromising the source water quality. Conversely, the shore intakes highly susceptible to storm water runoff, marinas, and shoreline point sources due to the influx of ground water to the lake.

The City of Hammond utilizes Lake Michigan as its source water via a water purification plant that pulls water from their own crib out of Lake Michigan.

Further information about the City of Hammond's water Filtration plant please call (219)853-6439.

Important Health Information

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 at1-800-426-4791.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer under-going chemotherapy, persons who have undergone organ transplants, persons 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 at 1-800-426-4791.

Lead and Drinking Water

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. Homewood 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, you may wish to have your water tested, contact Homewood Public Works at (708) 206-3470. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at www.epa.gov/safewater/lead

DEFINITION OF TERMS USED

- **MCL – Maximum Contaminant Level:** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCL Goals as feasible using the best available treatment technology.
- **MCLG – Maximum Contaminant Level Goal:** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.
- **mg/l or ppm** - milligrams per liter or parts per million – or one ounce in 7,350 gallons of water.
- **ug/l or ppb** – micrograms per liter or parts per billion – or one ounce in 7,350,000 gallons of water.
- **Avg** – Regulatory compliance with some MCLs are based on running annual average of monthly samples.
- **MRDL – Maximum Residual Disinfectant Level** - The highest level of disinfectant allowed in drinking water.
- **MRDLG – Maximum Residual Disinfectant Level Goal** – The level of disinfectant in drinking water below which there is no known or expected risk to health. MRDLG's allow for a margin of safety.
- **Level Found –** This column represents an average of sample result data collected during the CCR calendar year. In some cases, it may represent a single sample if only one sample was collected.
- **Range of Detections -** This column represents a range of individual sample results, from lowest to highest that were collected during the calendar year.
- **Date of Sample –** If a date appears in this column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the calendar year.
- **AL – Action Level** - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- **ALG** – The level of a contaminant in drinking water below, which there is no known or expected risk to health. ALG's allow for a margin of safety.
- **TT–Treatment Technique** or the required process Intended to reduce the level of a contaminant in drinking water.
- **nd** – not detectable at testing
- **n/a** – not applicable
- **ppq** – parts per quadrillion, or picograms per liter
- **NTU– Nephelometric Turbidity Unit,** used to measure cloudiness in drinking water.
- **% < 0.5 NTU** – percent samples less than 0.5 NTU
- **# pos / mo** – number of positive samples per month
- **% pos / mo** – percent positive samples per month

Village of Homewood
2024 Water Quality Data
Regulated Contaminants Detected

Contaminant (unit of measurement) *Typical Source of Contaminant*	**Total / Fecal Coliform / E. Coli Maximum Contaminant Level Goal**	**Total / Fecal / E.Coli Coliform Maximum Contaminant Level**	**Highest Number of Positive Total Coliform Samples in and Month**
Coliform Bacteria *Naturally present in the environment.*	0	0	0
Fecal Coliform or E Coli *Naturally present in the environment.*	0	A routine sample and a repeat sample are total coliform positive, and one is also fecal coliform positive or E. coli positive.	0

Inorganic Contaminants Village of Homewood	MCLG	Action Level	90th Percentile	# of Sites Over Action Level	Violation	Date of Sample
Lead (ppb) *Corrosion of plumbing system; Erosion of natural deposits*	0 ppb	15 ppb	7.42 ppb	3	No	2024

Village of Homewood
Regulated Contaminants Detected (Cont.)

Disinfectants\ Disinfection By-Products (Stage 2) Village of Homewood	Maximum Contaminant Level Goal	Maximum Contaminant Level	Highest Level	Range of Detection	Violation	Date of Sample
TTHM (Total Trihalomethanes) (ppb) *By-product of drinking water chlorination.*	n/a	80	24	13.88-35.9	No	2024
HAA5 (Haloacetic Acids) (ppb) *By-product of drinking water chlorination.*	n/a	60	7	3.8-8.38	No	2024
CHLORAMINES (ppm) *Water Additive used to control Microbes.*	4.0	4.0	1.5	1.0-1.72	No	2024

City of Hammond
2024 Water Quality Data

The following contaminants were detected in the Finished Water at the entry point to Chicago Heights distribution system. This information is provided by the City of Hammond.

Contaminant (Unit of Measurement) *Source of Contaminants.*	MCLG	MCL	Level Found	Range of Detection	Violation
TURBIDITY (%<0.3NTU) *Soil runoff.*	n/a	TT	100%	0.3-0.21	No
TURBIDITY (NTU) *Soil Runoff Highest single measurement*	n/a	TT = 1 NTU Max	0.18 NTU	n/a	No

TOTAL COLIFORM *Naturally present in the environment*	Maximum Contaminant Level Goal	Maximum Contaminant Level	Highest Level	UNIT	Range of values tested	Detected Level
COLIFORM *Naturally present in the environment*	0	$\geq$5	1.2%	% of samples	N/A	2022

Radioactive Contaminants **City of Hammond** 05/07/2018 Date Tested	MCLG	MCL	Level Found	Range of Detection	Violation
GROSS ALPHA excluding radon and uranium (pci/L) *Decay of natural and man-made deposits.05/07/2018*	0	15	0.54	0.54-0.54	No

City of Hammond
2024 Water Quality Data (continued)

Inorganic Contaminant City of Hammond	MCLG	MCL	Level Found	Range of Detection	Violation
BARIUM (ppm) *Discharge of drilling wastes: Discharge from metal Refineries: Erosion of natural deposits.*	2	2	0.0216	0.0216	No
NITRATE (as Nitrogen) (ppm) *Runoff from fertilizer use: leaching from septic tanks, sewage; Erosion of natural deposits.*	10	10	0.3972	0.3972	No
TOTAL NITRATE & NITRITE (as Nitrogen) (ppm) *Runoff from fertilizer use: leaching from septic tanks, sewage; Erosion of natural deposits.*	10	10	0.3972	0.3972	No
COPPER (ppm) *Corrosion of household plumbing systems: Erosion of natural deposits. (08/23/15)*	1.3	AL= 1.3	0.0018-0.2858	0 sites Exceeding AL	No
LEAD (ppb) *Corrosion of household plumbing systems: Erosion of natural deposits. (08/23/15)*	0	15	1-3.5	0 sites Exceeding AL	No

State Regulated Contaminants City of Hammond	MCLG	MCL	Level Found	Range of Detection
FLORIDE (ppm) *Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.*	4	4	0.725	0.725
SODIUM (ppm) *Erosion of naturally occurring deposits: Used as water softener regeneration.*	n/a	n/a	178	178-178
CHLORINE (Chloramines) ppm	4	4	2.0	0.24-1
HALOACETIC ACIDS (HAA5) ppb	No goal	60	7.0	2.9-6.8
TRIHALOMETHANES (TTHM) ppb	No goal	80	32	13.1-32.52

About the Data: Glossary of Terms

TURBIDITY
Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

LEAD
Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4791).

SODIUM
There is not a State or Federal MCL for sodium. Monitoring is required to provide information to consumers and health officials that are concerned about sodium intake due to dietary precautions. If the level is greater than 20 mg/l and you are on a sodium-restricted diet, you should consult a physician.

FLUORIDE
Fluoride is added to the water supply to help promote strong teeth. The Illinois Department of Public Health recommends an optimal fluoride range of 0.9mg/l to 1.2 mg/l.

UNREGULATED CONTAMINANTS
A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language. The purpose for monitoring this contaminant is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water, and whether future regulation is warranted.

Other Consumer Water Concerns

Why is the water sometimes cloudy?
Increased levels of dissolved oxygen in colder water causes this to happen. During the winter months, the water may appear "cloudy" when drawn from the tap. The water will clear, from the bottom up, as it warms.

What causes low water pressure?
Frequently, low pressure is due to plumbing fixture problems in the home. A few simple checkpoints may solve the problem:

1) Make sure all water valves are fully open and operational;
2) Inspect and clean all faucet aerators;
3) Physically bypass your water softener if you have discontinued using it.
4) Call Public Works at 206-3470 if the problem is not corrected.

What is the pink stuff in my bathroom?
Pink residue is less likely a problem associated with water quality than with naturally occurring airborne bacteria, and is also affected by the homeowner's cleaning habits. The bacteria produces a pinkish film and sometimes a dark gray film, on surfaces that are regular moist, including, toilet bowls,, showerheads, sink drains, tiles, and even in their pets water bowls.

This bacteria *(SERRATIA MARCESCENS)* thrive on moisture, dust, and phosphates and are widely distributed, having been found naturally in soil, food, and also in animals. Many times the pinkish film appears during and after new construction or remodeling activities.

What to Do. The best solution to keep these surfaces free from the bacterial film is continual cleaning. A chlorines compound is best, but use care to avoid scratching the fixtures, which will make them even more susceptible to bacteria. Chlorine bleach can be periodically stirred into toilet tank and flushed into the bowl itself, as the tank refills more bleach can be added.

What is that odor?
The usual taste and odor complaints start in mid-July and continue into October, depending on Lake Michigan water temperature. Most often described as an earthy, musty, pond odor, the cause is believed to be geosmin and 2-methylisoborneol (MIB). The compounds are produced by blue-green algae and other water vegetation in the lake. When problems are reported to the Village of Homewood Water Department, we in turn notify the City of Chicago Water Department. Powder-activated carbon, which decreases the prominence of this taste and odor, is added to the filtration process. At this time, studies are being conducted to further address this problem. Refrigerating the water for several hours will minimize the taste and odors. The presence of taste and odors does not affect the safety of the drinking water.

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Facts about the Village of Homewood Water Supply

- The Village has 2 ground storage reservoirs that hold 4 million gallons of water and 3 overhead water towers that hold 1 million gallons for a total of 5 million gallons available for use.
- System includes 110 miles of water main, 1139 fire hydrants and pumps 2.5 million gallons of water per day.
- The Village's water supply has a hardness of 7-8 grains.
- One gallon of water weighs 8.34 pounds.
- The Village of Homewood has a watering ban in effect from May 15th thru September 15th, no outside watering from 11:00 am to 7:00 pm.

Who do I contact for water questions, problems or emergencies?

Water emergencies:		
Department of Public Works	7:00 a.m. to 4:00 p.m., Mon-Fri	206-3470
Police Dept. (non-emergency)	After hours, weekends, holidays	206-3420
Water questions/problems:		
Department of Public Works 17755 Ashland Avenue	7:00 a.m. to 4:00 p.m. Mon-Fri	206-3470
Water billing questions:		
Village Hall 2020 Chestnut Road	8:00 a.m. to 5:00 p.m. Mon-Fri	206-3365

2024 Water Quality Report

Village of Homewood
2020 Chestnut Road
Homewood, IL 60430-1776

PRST STD
U.S. Postage
Paid
Permit No. 33
Homewood, IL 60430

ECRWSS

POSTAL CUSTOMER
HOMEWOOD, IL 60430

Monitoring Violations Annual Notice Template

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Monitoring Requirements Not Met for Village of Homewood Water System 013-1350

Our water system violated several drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During January-June 2024. We did not complete all monitoring or testing for Lead and Copper and therefore cannot be sure of the quality of our drinking water during that time.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for during the last year, how often we are supposed to sample for [Lead and Copper], how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
Lead and Copper	60	59	01/01/2024	06/30/2024

What happened? What is being done?

This is routine monitoring of lead and copper levels since we switched water systems. The Village of Homewood is required to sample every 6 months for the year of 2024. These samples are taken from the same 60 houses every 6 months. The sample that was due to a laboratory mistake. The Village of Homewood has collected the required amount of samples for the remaining rounds of sampling.
For more information, please contact Eric Fritz at 708-206-3470 or 17755 Ashland Ave. Homewood IL. 60430.

This notice is being sent to you by Village of Homewood . Water System ID# 013-1350 Date distributed 06/20/2025

2024

HOMEWOOD WATER QUALITY REPORT

IS NOW AVAILABLE

Please visit

http://www.village.homewood.il.us/water quality to view your 2024 Annual Water Quality Report and learn more about your drinking water.

This report contains important information about the source and quality of your drinking water during 2024.

If you would like a paper copy of the report mailed to your home, please call 708-206-3470.

Illinois Environmental Protection Agency

1021 North Grand Avenue East, P.O Box 19276, Springfield, IL 62794-9276
JB Pritzker, Governor John J. Kim, Director

Illinois EPA Public Notice Certification and Self-Assessment

This form is required to be submitted as a means to certify that your Public Notice (PN) met all state and federal requirements. The owner, administrative contact, or responsible operator in charge must sign this certificate of acceptance acknowledging compliance with Illinois Environmental Protection Agency's Primary Drinking Water Standards found in Part 611 Subpart V: Public Notification of Drinking Water Violations. Please complete the self-assessment and delivery certification, sign, and return it along with a copy of the issued public notice to the Illinois EPA, Public Notification Coordinator, BOW/CAS #19, 1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276.

This section must be completed PRIOR to issuing your public notice

Check Each Box to Acknowledge Fulfillment of PN Requirement or if statement is Not Applicable, enter "NA".

My PN Includes:

[X] A description of the violation or situation, including the contaminants of concern, and (as applicable) the contaminant levels.

[X] When the violation or situation occurred.

[X] The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in their drinking water.

[X] All potential adverse health effects from the violation or situation.

[X] What actions consumers should take, including when they should seek medical help, if known.

[X] Information as to whether alternative water supplies should be used.

[X] What the supplier is doing to correct the violation or situation.

[X] When the water supplier expects to return to compliance or resolve the situation.

[X] The name, business address, and phone number of the water system owner, operator, or designee of the public water system who can provide additional information concerning the notice.

[X] The following statement to encourage the notice recipient to distribute the public notice to other persons served, using this standard language (where applicable): "Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.".

N/A If PN resulted from a MCL, MRDL, or treatment technique violation, the standard health effects language as specified in the Sample Collector's Handbook, Chapter 2 PN Appendix B is included. Enter "NA" if not applicable.

[X] If PN resulted from a monitoring violation or testing procedure, our PN includes the following statement: "We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During [compliance period] we ['did not monitor or test' or 'did not complete all monitoring or testing'] for [contaminant(s)] and therefore cannot be sure of the quality of our drinking water during that time.

N/A PN was displayed in a conspicuous way. It did not contain overly technical language or very small print; was not formatted in a way that defeats the purpose of the notice; and did not contain language that nullifies the purpose of the notice.

This section must be completed AFTER your public notice is issued to consumers

Illinois Environmental Protection Agency

1021 North Grand Avenue East, P.O Box 19276, Springfield, IL 62794-9276
JB Pritzker, Governor John J. Kim, Director

Under certain situations, i.e., acute violations, immediate consultation with the Illinois EPA Regional Field Operations Staff was required at the time. If this is applicable, list who and date of contact.
Contacted: Jasmine Hatcher-Moorman (EPA contact name) on 6-20-2025 (date)

Method of Distribution
Check all that is applicable **Date Issued**

[X] Direct mailed to each paying customer. 6-20-25

[ ] Distributed using a circular/shopper/newsletter that is sent to each bill paying customer via direct mail (free of charge) ______

List Newspaper Name Here: ______

[ ] PN was Hand Delivered to each bill paying consumer ______

Signature of Owner, Administrative Contact, or Responsible Operator in Charge

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

I Eric Fritz (print name), hereby certify that the public water system indicated on page 1 hereby affirms that public notice has been provided to consumers in accordance with the delivery, content, and format requirements and deadlines in the Illinois Environmental Protection Agency's Primary Drinking Water Standards found Part 611 SubPart V: Public Notification of Drinking Water Violations.

Signature [signature] Date 6-20-2025

Title Utility Supervisor/Roxane Telephone (708) 206-2910

This Agency is authorized to require this information under 415 ILCS 5/17.5. Failure to disclose this information may result in a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This has been approved by the Forms Management Center.
IL532-2626
PWS266 Revised (3/11)

Public Notification Must be Issued for the Following Violation(s)

Violation Description	*Contaminant(s)*	*Level Found*	*Compliance Period*	*PN Tier*	*VL ID*
Monitoring (Follow-up or Routine)	LEAD & COPPER RULE	N/A	1/1/2024 - 6/30/2024	3	108989

0 0

Illinois
Environmental Protection Agency

Consumer Confidence Report Certification Form

Water System ID: IL 031-1350 Water System Name: Village of Homewood

Method of Delivery Population Category - Circle One:	*500 or Less*	*501 to 10,000*	*greater than 10,000*
Did your PWS have violations in 2024? - Circle One:	*YES*	*NO*	
CCR Delivery Method Used (see attachment) - Circle One:	*MOD A*	*MOD B*	*MOD C*
Connected System Requirements - Circle, if applicable:	**Purchase Water**		

This form is required to be submitted to certify that your Consumer Confidence Report (CCR) has met all state and federal requirements. The owner, administrative contact, or responsible operator in charge must sign this certificate of acceptance acknowledging compliance with Illinois Environmental Protection Agency's Primary Drinking Water Standards found in Part 611 Subpart U: Consumer Confidence Reports.

Detailed CCR instructions and regulation requirements are listed in Chapter 2 of the **Sample Collectors Handbook (SCH)**. It is recommended that you review this chapter and check list prior to issuing your CCR. The SCH can be viewed and/or downloaded at the following Internet web address: https://epa.illinois.gov/topics/compliance-enforcement/drinking-water/sample-collectors-handbook.html

Please complete the delivery certification, sign, return it along with a copy of the issued CCR and the URL Notification if applicable, **by July 10th** to the Illinois EPA, CCR Coordinator, BOW/CAS #19, P.O. Box 19276, Springfield, Illinois 62794-9276. You can also e-mail the report to EPA.PWSCompliance@Illinois.gov

CERTIFICATION OF DELIVERY (SCH Reference Page 17 - 19)

Depending on your method of CCR Delivery Requirement, you MUST complete ONE of the following METHOD OF DELIVERY certification sections.

METHOD "A" DIRECT DELIVERY (use for Electronic CCR or paper copy CCR delivered to all customers)

DELIVERY DATE REQUIRED

Our CCR or electronic CCR URL notification was mailed on 6-20-2025 **(enter delivery date)**

Depending on your method of CCR Delivery, you MUST complete at least ONE of the following methods. **Please check all items that apply.**

1.	____	CCR was distributed by mail or hand delivered **(enter delivery date above)**
2.	X	Mail – notification that CCR is available on Web site via a direct uniform resource locator (URL) ***(Submit a copy of the URL notification, i.e. water bill, newsletter, etc.)*** **(enter delivery date above)**
3.	____	E-mail – direct URL to CCR **(submit a sample copy of the e-mail)**
4.	____	E-mail – CCR sent as an attachment to the e-mail **(submit a sample copy of the e-mail)**
5.	____	E-mail – CCR sent embedded in the e-mail **(submit a sample copy of the e-mail)**
6.	____	Other: ____________________

CWS serving => 100,000, Posted CCR on a publicly accessible Internet site at the following address:

____

METHOD "B" DELIVERY (published in local newspaper; PWS must have no drinking water violations during 2024)

Since our supply serves a direct population between 501 and 10,000, the CCR was not mailed to each customer. However, as required, our CCR was published in its entirety in one or more newspapers of general circulation. In addition, customers were also informed that the CCR was not going to be mailed; and that copies are available upon request. LIST NEWSPAPERS HERE

Newspaper 1:		Published On:	
Newspaper 2:		Published On:	

Public Locations:

1) Notice was placed in the Village Hall Lobby and on Electronic Bulletin Board.
2) The public Library also had a notice posted.
3) The Post office also had a notice posted.

Social Media

1) The Village Key, Facebook under Public Works and also on the Village web site with a CCR link in addition to the direct URL for the CCR

Below is a copy of the Notice that was placed in the Public Areas of the Water Quality Announcement

2024

HOMEWOOD WATER QUALITY REPORT

IS NOW AVAILABLE!!!

PLEASE GO TO

HTTP:/WWW.village.homewood.il.us/waterquality

TO VIEW YOUR 2023 ANNUAL WATER QUALITY REPORT AND LEARN MORE ABOUT YOUR DRINKING WATER.

THIS REPORT CONTAINS IMPORTANT INFORMATION ABOUT THE SOURCE AND QUALITY OF YOUR DRINKING WATER DURING 2024.

IF YOU WOULD LIKE A PAPER COPY OF THE REPORT MAILED TO YOUR HOME, PLEASE CALL (708) 206-3470

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

March 19, 2024

Eric Fritz
Village of Homewood
17755 Ashland Avenue
Homewood, IL 60430

Workorder: 2403253

TEL: (708) 206-2905
FAX: (708) 206-3499
RE: UCMR5 SE3

Dear Eric Fritz:

Suburban Laboratories, Inc. received 5 sample(s) on 3/5/2024 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Mary Wojdyla

Mary Wojdyla
Project Manager
(708) 544-3260
mwojdyla@suburbanlabs.com

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Case Narrative

Client: Village of Homewood
Project: UCMR5 SE3
WorkOrder: 2403253
Temperature of samples upon receipt at SLI: C

Date: March 19, 2024
PO #:
QC Level: LEVEL I
Chain of Custody #:

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
-LA: Lab Accident - No valid data to report.
-VO: Insufficient Volume provided
-BR: Received broken
-IP: Invalid Sampling

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

G = Samples subcontracted to ALS Environmental, Inc. for some of the analysis requested.

Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Homewood
Project Name: UCMR5 SE3

Report Date: March 19, 2024
Workorder: **2403253**

Client Sample ID: **CC01**
Lab ID: 2403253-001
Date Received: 03/05/2024 3:35 PM

Matrix: DRINKING WATER
Collection Date: 03/05/2024 10:10 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
SUB-CONTRACTED			Method:				Analyst: MW	
Perfluorooctane Sulfonic Acid (PFOS)	See Attached	0		G		1	03/15/2024 7:44 PM	R174591

Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Homewood
Project Name: UCMR5 SE3

Report Date: March 19, 2024
Workorder: 2403253

Client Sample ID: CC01 FIELD BLANK
Lab ID: 2403253-002
Date Received: 03/05/2024 3:35 PM

Matrix: DRINKING WATER
Collection Date: 03/05/2024 10:10 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
SUB-CONTRACTED			Method:				Analyst: MW	
Perfluorooctane Sulfonic Acid (PFOS)	See Attached	0		G		1	03/15/2024 7:57 PM	R174591

Created: 3/19/2024 2:16:07 PM

Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Homewood
Project Name: UCMR5 SE3

Report Date: March 19, 2024
Workorder: **2403253**

Client Sample ID: **CC01**
Lab ID: 2403253-003
Date Received: 03/05/2024 3:35 PM
Matrix: DRINKING WATER
Collection Date: 03/05/2024 10:12 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
SUB-CONTRACTED			Method:				Analyst: MW	
Perfluorooctane Sulfonic Acid (PFOS)	See Attached	0		G		1	03/12/2024 5:45 PM	R174591

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Homewood
Project Name: UCMR5 SE3
Report Date: March 19, 2024
Workorder: 2403253

Client Sample ID: CC01 Lithium
Lab ID: 2403253-005
Date Received: 03/05/2024 3:35 PM
Matrix: DRINKING WATER
Collection Date: 03/05/2024 10:12 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
UCMR 5 LITHIUM			Method:				Analyst: SCT	
Lithium	ND	5.00			µg/L	1	03/11/2024 3:19 PM	96057

Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

PREP DATES REPORT

Client: Village of Homewood

Project: UCMR5 SE3

Report Date: March 19, 2024

Lab Order: 2403253

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2403253-005A	3/5/2024 10:12:00 AM	96057	ICP Drinking Water Prep		3/8/2024

19-Mar-2024

Drinking Water
Suburban Laboratories, Inc.
1950 S. Batavia Ave
Suite 150
Geneva, IL 60134

Re: **IL0311350 Homewood SE3** Work Order: **24030504**

Dear Drinking,

ALS Environmental received 4 samples on 07-Mar-2024 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 17.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Electronically approved by: Chad Whelton

Alex J. Csaszar
Project Manager

ALS Group, USA

Date: 19-Mar-24

Client:	Suburban Laboratories, Inc.
Project:	IL0311350 Homewood SE3
Work Order:	24030504

Case Narrative

Samples for the above noted Work Order were received on 03/07/2024. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Extractable Organics:
No other deviations or anomalies were noted.

ALS Group, USA

Date: 19-Mar-24

Client: Suburban Laboratories, Inc.
Project: IL0311350 Homewood SE3
WorkOrder: 24030504

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter

ALS Group, USA

Date: *19-Mar-24*

Client: Suburban Laboratories, Inc.
Project: IL0311350 Homewood SE3
Work Order: 24030504

Lab ID: 24030504-01A
Client Sample ID: 533
Collection Date: 3/5/2024 10:10:00 AM
Matrix: DRINKING WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PFAS BY EPA 533			**E533**		Prep: E533 3/12/24 15:55	Analyst: **MGM**
11Cl-Pf3OUdS	ND		0.004	µg/L	1	3/15/2024 07:44 PM
9Cl-PF3ONS	ND		0.002	µg/L	1	3/15/2024 07:44 PM
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND		0.004	µg/L	1	3/15/2024 07:44 PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.02	µg/L	1	3/15/2024 07:44 PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Fluorotelomer Sulphonic Acid 4:2 (FtS 4:2)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Fluorotelomer Sulphonic Acid 6:2 (FtS 6:2)	ND		0.004	µg/L	1	3/15/2024 07:44 PM
Fluorotelomer Sulphonic Acid 8:2 (FtS 8:2)	ND		0.004	µg/L	1	3/15/2024 07:44 PM
Perfluorobutanoic Acid (PFBA)	ND		0.004	µg/L	1	3/15/2024 07:44 PM
Perfluorobutanesulfonic Acid (PFBS)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoropentanoic Acid (PFPeA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorohexanoic Acid (PFHxA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoroheptanoic Acid (PFHpA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorooctanoic Acid (PFOA)	**0.00427**		**0.003**	**µg/L**	1	3/15/2024 07:44 PM
Perfluorooctanesulfonic Acid (PFOS)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorononanoic Acid (PFNA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorodecanoic Acid (PFDA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluorododecanoic Acid (PFDoA)	ND		0.003	µg/L	1	3/15/2024 07:44 PM
Perfluoroundecanoic Acid (PFUnA)	ND		0.002	µg/L	1	3/15/2024 07:44 PM
Surr: 13C3-HFPO-DA	*86.8*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C2-4-2-FTS	*122*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C2-6-2-FTS	*160*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C2-8-2-FTS	*97.9*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C4-PFBA	*99.2*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C3-PFBS	*97.5*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C5-PFPeA	*97.8*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C5-PFHxA	*107*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C3-PFHxS	*92.2*		*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C4-PFHpA	*96.4*		*50-200*	*%REC*	1	3/15/2024 07:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Surr: 13C8-PFOA	*93.9*	*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C8-PFOS	*93.8*	*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C9-PFNA	*92.5*	*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C6-PFDA	*85.0*	*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C2-PFDoA	*83.8*	*50-200*	*%REC*	1	3/15/2024 07:44 PM
Surr: 13C7-PFUnDA	*85.5*	*50-200*	*%REC*	1	3/15/2024 07:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *19-Mar-24*

Client: Suburban Laboratories, Inc.
Project: IL0311350 Homewood SE3

Work Order: 24030504

Lab ID: 24030504-02A
Client Sample ID: 533 Field Blank

Collection Date: 3/5/2024 10:10:00 AM
Matrix: DRINKING WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PFAS BY EPA 533			**E533**		Prep: E533 3/12/24 15:55	Analyst: **MGM**
11Cl-Pf3OUdS	ND		0.005	µg/L	1	3/15/2024 07:57 PM
9Cl-PF3ONS	ND		0.002	µg/L	1	3/15/2024 07:57 PM
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND		0.005	µg/L	1	3/15/2024 07:57 PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.02	µg/L	1	3/15/2024 07:57 PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.004	µg/L	1	3/15/2024 07:57 PM
Fluorotelomer Sulphonic Acid 4:2 (FtS 4:2)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Fluorotelomer Sulphonic Acid 6:2 (FtS 6:2)	ND		0.005	µg/L	1	3/15/2024 07:57 PM
Fluorotelomer Sulphonic Acid 8:2 (FtS 8:2)	ND		0.005	µg/L	1	3/15/2024 07:57 PM
Perfluorobutanoic Acid (PFBA)	ND		0.005	µg/L	1	3/15/2024 07:57 PM
Perfluorobutanesulfonic Acid (PFBS)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoropentanoic Acid (PFPeA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.004	µg/L	1	3/15/2024 07:57 PM
Perfluorohexanoic Acid (PFHxA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoroheptanoic Acid (PFHpA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluorooctanoic Acid (PFOA)	ND		0.004	µg/L	1	3/15/2024 07:57 PM
Perfluorooctanesulfonic Acid (PFOS)	ND		0.004	µg/L	1	3/15/2024 07:57 PM
Perfluorononanoic Acid (PFNA)	ND		0.004	µg/L	1	3/15/2024 07:57 PM
Perfluorodecanoic Acid (PFDA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluorododecanoic Acid (PFDoA)	ND		0.003	µg/L	1	3/15/2024 07:57 PM
Perfluoroundecanoic Acid (PFUnA)	ND		0.002	µg/L	1	3/15/2024 07:57 PM
Surr: 13C3-HFPO-DA	*95.0*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C2-4-2-FTS	*97.4*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C2-6-2-FTS	*122*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C2-8-2-FTS	*90.3*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C4-PFBA	*89.2*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C3-PFBS	*86.9*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C5-PFPeA	*87.1*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C5-PFHxA	*99.5*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C3-PFHxS	*78.6*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C4-PFHpA	*93.5*		*50-200*	*%REC*	1	3/15/2024 07:57 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Suburban Laboratories, Inc. **Work Order:** 24030504
Project: IL0311350 Homewood SE3

Surr: 13C8-PFOA	*84.6*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C8-PFOS	*88.5*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C9-PFNA	*84.8*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C6-PFDA	*77.7*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C2-PFDoA	*77.7*		*50-200*	*%REC*	1	3/15/2024 07:57 PM
Surr: 13C7-PFUnDA	*76.2*		*50-200*	*%REC*	1	3/15/2024 07:57 PM

Lab ID: 24030504-03A **Collection Date:** 3/5/2024 10:12:00 AM
Client Sample ID: 537 **Matrix:** DRINKING WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PFAS BY EPA 537.1			**E537.1**		Prep: E537.1 3/12/24 15:56	Analyst: **MNM**
N-Ethylperfluorooctanesulfonamidoacetic Acid	ND		0.004	µg/L	1	3/12/2024 05:45 PM
N-Methylperfluorooctanesulfonamidoacetic Acid	ND		0.005	µg/L	1	3/12/2024 05:45 PM
Perfluorotetradecanoic Acid (PFTeA)	ND		0.007	µg/L	1	3/12/2024 05:45 PM
Perfluorotridecanoic Acid (PFTriA)	ND		0.006	µg/L	1	3/12/2024 05:45 PM
Surr: 13C2-PFDA	*105*		*70-130*	*%REC*	1	3/12/2024 05:45 PM
Surr: 13C2-PFHxA	*111*		*70-130*	*%REC*	1	3/12/2024 05:45 PM
Surr: 13C3-HFPO-DA	*101*		*70-130*	*%REC*	1	3/12/2024 05:45 PM
Surr: d5-N-EtFOSAA	*100*		*70-130*	*%REC*	1	3/12/2024 05:45 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Client: Suburban Laboratories, Inc.
Work Order: 24030504
Project: IL0311350 Homewood SE3

Date: 19-Mar-24

QC BATCH REPORT

Batch ID: **236384** Instrument ID **LCMS1** Method: **E537.1**

MBLK Sample ID: **MBLK-236384-236384** Units: **µg/L** Analysis Date: **3/12/2024 04:36 PM**

Client ID: Run ID: **LCMS1_240312A** SeqNo: **10557001** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Ethylperfluorooctanesulfonamidoace	ND	0.0050								
N-Methylperfluorooctanesulfonamidoa	ND	0.0060								
Perfluorotetradecanoic Acid (PFTeA)	ND	0.0080								
Perfluorotridecanoic Acid (PFTriA)	ND	0.0070								
Surr: 13C2-PFDA	*0.04222*	0	*0.04*	0	*106*	*70-130*	0			
Surr: 13C2-PFHxA	*0.04161*	0	*0.04*	0	*104*	*70-130*	0			
Surr: 13C3-HFPO-DA	*0.04191*	0	*0.04*	0	*105*	*70-130*	0			
Surr: d5-N-EtFOSAA	*0.1707*	0	*0.16*	0	*107*	*70-130*	0			

MS Sample ID: **24030515-01A MS** Units: **µg/L** Analysis Date: **3/13/2024 09:52 AM**

Client ID: Run ID: **LCMS1_240313A** SeqNo: **10557810** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Ethylperfluorooctanesulfonamidoace	0.001656	0.0050	0.001825	0.0001594	82	50-150	0			J
N-Methylperfluorooctanesulfonamidoa	0.001651	0.0050	0.001825	0.0003337	72.2	50-150	0			J
Perfluorotetradecanoic Acid (PFTeA)	0.001484	0.0070	0.001825	0	81.3	50-150	0			J
Perfluorotridecanoic Acid (PFTriA)	0.001693	0.0060	0.001825	0	92.8	50-150	0			J
Surr: 13C2-PFDA	*0.03397*	0	*0.0365*	0	*93*	*70-130*	0			
Surr: 13C2-PFHxA	*0.03595*	0	*0.0365*	0	*98.5*	*70-130*	0			
Surr: 13C3-HFPO-DA	*0.03651*	0	*0.0365*	0	*100*	*70-130*	0			
Surr: d5-N-EtFOSAA	*0.1233*	0	*0.146*	0	*84.4*	*70-130*	0			

MSD Sample ID: **24030515-01A MSD** Units: **µg/L** Analysis Date: **3/13/2024 10:05 AM**

Client ID: Run ID: **LCMS1_240313A** SeqNo: **10557811** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Ethylperfluorooctanesulfonamidoace	0.001305	0.0050	0.001887	0.0001594	60.7	50-150	0.001656	0	50	J
N-Methylperfluorooctanesulfonamidoa	0.001611	0.0060	0.001887	0.0003337	67.7	50-150	0.001651	0	50	J
Perfluorotetradecanoic Acid (PFTeA)	0.001448	0.0080	0.001887	0	76.7	50-150	0.001484	0	50	J
Perfluorotridecanoic Acid (PFTriA)	0.001565	0.0070	0.001887	0	82.9	50-150	0.001693	0	50	J
Surr: 13C2-PFDA	*0.03427*	0	*0.03775*	0	*90.8*	*70-130*	0.03397	*0.884*	*50*	
Surr: 13C2-PFHxA	*0.03828*	0	*0.03775*	0	*101*	*70-130*	0.03595	*6.29*	*50*	
Surr: 13C3-HFPO-DA	*0.04079*	0	*0.03775*	0	*108*	*70-130*	0.03651	*11.1*	*50*	
Surr: d5-N-EtFOSAA	*0.1249*	0	*0.151*	0	*82.7*	*70-130*	0.1233	*1.28*	*50*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:	Suburban Laboratories, Inc.		
Work Order:	24030504		
Project:	IL0311350 Homewood SE3		

QC BATCH REPORT

Batch ID: **236384** Instrument ID **LCMS1** Method: **E537.1**

LCS1 Sample ID: **LCS-236384-236384** Units: **µg/L** Analysis Date: **3/12/2024 04:50 PM**

Client ID: Run ID: **LCMS1_240312A** SeqNo: **10557002** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Ethylperfluorooctanesulfonamidoace	0.001869	0.0050	0.002	0	93.5	50-150	0			J
N-Methylperfluorooctanesulfonamidoa	0.001824	0.0060	0.002	0	91.2	50-150	0			J
Perfluorotetradecanoic Acid (PFTeA)	0.001756	0.0080	0.002	0	87.8	50-150	0			J
Perfluorotridecanoic Acid (PFTriA)	0.001806	0.0070	0.002	0	90.3	50-150	0			J
Surr: 13C2-PFDA	*0.04106*	0	*0.04*	0	*103*	*70-130*	0			
Surr: 13C2-PFHxA	*0.04263*	0	*0.04*	0	*107*	*70-130*	0			
Surr: 13C3-HFPO-DA	*0.04311*	0	*0.04*	0	*108*	*70-130*	0			
Surr: d5-N-EtFOSAA	*0.157*	0	*0.16*	0	*98.1*	*70-130*	0			

The following samples were analyzed in this batch: 24030504-03A 24030504-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Suburban Laboratories, Inc.
Work Order: 24030504
Project: IL0311350 Homewood SE3

QC BATCH REPORT

Batch ID: **236415** Instrument ID **LCMS1** Method: **E533**

MBLK Sample ID: **MBLK-236415-236415** Units: **µg/L** Analysis Date: **3/15/2024 06:35 PM**

Client ID: Run ID: **LCMS1_240315B** SeqNo: **10571368** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
11Cl-Pf3OUdS	ND	0.0050								
9Cl-PF3ONS	ND	0.0020								
4,8-Dioxa-3H-perfluorononanoic Acid (	ND	0.0030								
Hexafluoropropylene oxide dimer acid	ND	0.0050								
Nonafluoro-3,6-dioxaheptanoic acid (N	ND	0.020								
Perfluoro(2-ethoxyethane)sulfonic acid	ND	0.0030								
Perfluoro-4-methoxybutanoic acid (PFI	ND	0.0030								
Perfluoro-3-methoxypropanoic acid (PI	ND	0.0040								
Fluorotelomer Sulphonic Acid 4:2 (FtS	ND	0.0030								
Fluorotelomer Sulphonic Acid 6:2 (FtS	ND	0.0050								
Fluorotelomer Sulphonic Acid 8:2 (FtS	ND	0.0050								
Perfluorobutanoic Acid (PFBA)	ND	0.0050								
Perfluorobutanesulfonic Acid (PFBS)	ND	0.0030								
Perfluoropentanoic Acid (PFPeA)	ND	0.0030								
Perfluoropentanesulfonic Acid (PFPeS	ND	0.0040								
Perfluorohexanoic Acid (PFHxA)	ND	0.0030								
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.0030								
Perfluoroheptanoic Acid (PFHpA)	ND	0.0030								
Perfluoroheptanesulfonic Acid (PFHpS	ND	0.0030								
Perfluorooctanoic Acid (PFOA)	ND	0.0040								
Perfluorooctanesulfonic Acid (PFOS)	ND	0.0040								
Perfluorononanoic Acid (PFNA)	ND	0.0040								
Perfluorodecanoic Acid (PFDA)	ND	0.0030								
Perfluorododecanoic Acid (PFDoA)	ND	0.0030								
Perfluoroundecanoic Acid (PFUnA)	ND	0.0020								
Surr: 13C3-HFPO-DA	*0.03504*	0	*0.04*	0	*87.6*	*50-200*	0			
Surr: 13C2-4-2-FTS	*0.1706*	0	*0.1504*	0	*113*	*50-200*	0			
Surr: 13C2-6-2-FTS	*0.1964*	0	*0.152*	0	*129*	*50-200*	0			
Surr: 13C2-8-2-FTS	*0.1572*	0	*0.1536*	0	*102*	*50-200*	0			
Surr: 13C4-PFBA	*0.03734*	0	*0.04*	0	*93.3*	*50-200*	0			
Surr: 13C3-PFBS	*0.03761*	0	*0.0373*	0	*101*	*50-200*	0			
Surr: 13C5-PFPeA	*0.03667*	0	*0.04*	0	*91.7*	*50-200*	0			
Surr: 13C5-PFHxA	*0.03443*	0	*0.04*	0	*86.1*	*50-200*	0			
Surr: 13C3-PFHxS	*0.04089*	0	*0.0379*	0	*108*	*50-200*	0			
Surr: 13C4-PFHpA	*0.03543*	0	*0.04*	0	*88.6*	*50-200*	0			
Surr: 13C8-PFOA	*0.03713*	0	*0.04*	0	*92.8*	*50-200*	0			
Surr: 13C8-PFOS	*0.03566*	0	*0.0383*	0	*93.1*	*50-200*	0			
Surr: 13C9-PFNA	*0.03467*	0	*0.04*	0	*86.7*	*50-200*	0			
Surr: 13C6-PFDA	*0.03276*	0	*0.04*	0	*81.9*	*50-200*	0			
Surr: 13C2-PFDoA	*0.03185*	0	*0.04*	0	*79.6*	*50-200*	0			
Surr: 13C7-PFUnDA	*0.03266*	0	*0.04*	0	*81.6*	*50-200*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Suburban Laboratories, Inc.
Work Order: 24030504
Project: IL0311350 Homewood SE3

QC BATCH REPORT

Batch ID: **236415** Instrument ID **LCMS1** Method: **E533**

LCS	Sample ID: **LCS-236415-236415**			Units: **µg/L**			Analysis Date: **3/15/2024 06:49 PM**			
Client ID:		Run ID: **LCMS1_240315B**		SeqNo: **10571369**			Prep Date: **3/12/2024**		DF: **1**	

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
11Cl-Pf3OUdS	0.00176	0.0050	0.00189	0	93.1	50-150	0			J
9Cl-PF3ONS	0.001967	0.0020	0.00187	0	105	50-150	0			J
4,8-Dioxa-3H-perfluorononanoic Acid (	0.00201	0.0030	0.00189	0	106	50-150	0			J
Hexafluoropropylene oxide dimer acid	0.002646	0.0050	0.002	0	132	50-150	0			J
Nonafluoro-3,6-dioxaheptanoic acid (N	0.002384	0.020	0.002	0	119	50-150	0			J
Perfluoro(2-ethoxyethane)sulfonic acid	0.001906	0.0030	0.00178	0	107	50-150	0			J
Perfluoro-4-methoxybutanoic acid (PFI	0.002225	0.0030	0.002	0	111	50-150	0			J
Perfluoro-3-methoxypropanoic acid (PI	0.002201	0.0040	0.002	0	110	50-150	0			J
Fluorotelomer Sulphonic Acid 4:2 (FtS	0.002077	0.0030	0.00188	0	110	50-150	0			J
Fluorotelomer Sulphonic Acid 6:2 (FtS	0.002573	0.0050	0.0019	0	135	50-150	0			J
Fluorotelomer Sulphonic Acid 8:2 (FtS	0.001888	0.0050	0.00192	0	98.3	50-150	0			J
Perfluorobutanoic Acid (PFBA)	0.002195	0.0050	0.002	0	110	50-150	0			J
Perfluorobutanesulfonic Acid (PFBS)	0.001931	0.0030	0.00178	0	108	50-150	0			J
Perfluoropentanoic Acid (PFPeA)	0.002212	0.0030	0.002	0	111	50-150	0			J
Perfluoropentanesulfonic Acid (PFPeS	0.001654	0.0040	0.00188	0	88	50-150	0			J
Perfluorohexanoic Acid (PFHxA)	0.002405	0.0030	0.002	0	120	50-150	0			J
Perfluorohexanesulfonic Acid (PFHxS)	0.001928	0.0030	0.00183	0	105	50-150	0			J
Perfluoroheptanoic Acid (PFHpA)	0.002198	0.0030	0.002	0	110	50-150	0			J
Perfluoroheptanesulfonic Acid (PFHpS	0.002231	0.0030	0.00191	0	117	50-150	0			J
Perfluorooctanoic Acid (PFOA)	0.002522	0.0040	0.002	0	126	50-150	0			J
Perfluorooctanesulfonic Acid (PFOS)	0.002443	0.0040	0.00186	0	131	50-150	0			J
Perfluorononanoic Acid (PFNA)	0.002759	0.0040	0.002	0	138	50-150	0			J
Perfluorodecanoic Acid (PFDA)	0.002467	0.0030	0.002	0	123	50-150	0			J
Perfluorododecanoic Acid (PFDoA)	0.002367	0.0030	0.002	0	118	50-150	0			J
Perfluoroundecanoic Acid (PFUnA)	0.002362	0.0020	0.002	0	118	50-150	0			
Surr: 13C3-HFPO-DA	*0.03415*	0	*0.04*	0	*85.4*	*50-200*	0			
Surr: 13C2-4-2-FTS	*0.1544*	0	*0.1504*	0	*103*	*50-200*	0			
Surr: 13C2-6-2-FTS	*0.1795*	0	*0.152*	0	*118*	*50-200*	0			
Surr: 13C2-8-2-FTS	*0.1426*	0	*0.1536*	0	*92.8*	*50-200*	0			
Surr: 13C4-PFBA	*0.03607*	0	*0.04*	0	*90.2*	*50-200*	0			
Surr: 13C3-PFBS	*0.03482*	0	*0.0373*	0	*93.3*	*50-200*	0			
Surr: 13C5-PFPeA	*0.03539*	0	*0.04*	0	*88.5*	*50-200*	0			
Surr: 13C5-PFHxA	*0.03283*	0	*0.04*	0	*82.1*	*50-200*	0			
Surr: 13C3-PFHxS	*0.03693*	0	*0.0379*	0	*97.4*	*50-200*	0			
Surr: 13C4-PFHpA	*0.03263*	0	*0.04*	0	*81.6*	*50-200*	0			
Surr: 13C8-PFOA	*0.0337*	0	*0.04*	0	*84.2*	*50-200*	0			
Surr: 13C8-PFOS	*0.03302*	0	*0.0383*	0	*86.2*	*50-200*	0			
Surr: 13C9-PFNA	*0.03111*	0	*0.04*	0	*77.8*	*50-200*	0			
Surr: 13C6-PFDA	*0.02905*	0	*0.04*	0	*72.6*	*50-200*	0			
Surr: 13C2-PFDoA	*0.02774*	0	*0.04*	0	*69.4*	*50-200*	0			
Surr: 13C7-PFUnDA	*0.02869*	0	*0.04*	0	*71.7*	*50-200*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:	Suburban Laboratories, Inc.	
Work Order:	24030504	
Project:	IL0311350 Homewood SE3	

QC BATCH REPORT

Batch ID: **236415** Instrument ID **LCMS1** Method: **E533**

MS Sample ID: **24030620-01B MS** Units: **µg/L** Analysis Date: **3/15/2024 07:02 PM**

Client ID: Run ID: **LCMS1_240315B** SeqNo: **10571370** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
11Cl-Pf3OUdS	0.001546	0.0050	0.001724	0	89.6	50-150	0			J
9Cl-PF3ONS	0.001753	0.0020	0.001706	0	103	50-150	0			J
4,8-Dioxa-3H-perfluorononanoic Acid (	0.001943	0.0030	0.001724	0	113	50-150	0			J
Hexafluoropropylene oxide dimer acid	0.001171	0.0050	0.001825	0	64.2	50-150	0			J
Nonafluoro-3,6-dioxaheptanoic acid (N	0.002273	0.020	0.001825	0	125	50-150	0			J
Perfluoro(2-ethoxyethane)sulfonic acid	0.001915	0.0030	0.001624	0	118	50-150	0			J
Perfluoro-4-methoxybutanoic acid (PFI	0.002043	0.0030	0.001825	0	112	50-150	0			J
Perfluoro-3-methoxypropanoic acid (PI	0.002124	0.0040	0.001825	0	116	50-150	0			J
Fluorotelomer Sulphonic Acid 4:2 (FtS	0.002284	0.0030	0.001715	0	133	50-150	0			J
Fluorotelomer Sulphonic Acid 6:2 (FtS	0.002771	0.0050	0.001734	0.0003886	137	50-150	0			J
Fluorotelomer Sulphonic Acid 8:2 (FtS	0.002097	0.0050	0.001752	0	120	50-150	0			J
Perfluorobutanoic Acid (PFBA)	0.00513	0.0050	0.001825	0.0031	111	50-150	0			
Perfluorobutanesulfonic Acid (PFBS)	0.002836	0.0030	0.001624	0.0008113	125	50-150	0			J
Perfluoropentanoic Acid (PFPeA)	0.003332	0.0030	0.001825	0.001349	109	50-150	0			
Perfluoropentanesulfonic Acid (PFPeS	0.002145	0.0040	0.001715	0	125	50-150	0			J
Perfluorohexanoic Acid (PFHxA)	0.003172	0.0030	0.001825	0.001195	108	50-150	0			
Perfluorohexanesulfonic Acid (PFHxS)	0.002547	0.0030	0.00167	0.0009863	93.5	50-150	0			J
Perfluoroheptanoic Acid (PFHpA)	0.002851	0.0030	0.001825	0.0007157	117	50-150	0			J
Perfluoroheptanesulfonic Acid (PFHpS	0.002586	0.0030	0.001743	0	148	50-150	0			J
Perfluorooctanoic Acid (PFOA)	0.003171	0.0040	0.001825	0.0007961	130	50-150	0			J
Perfluorooctanesulfonic Acid (PFOS)	0.002641	0.0040	0.001697	0.0007881	109	50-150	0			J
Perfluorononanoic Acid (PFNA)	0.002687	0.0040	0.001825	0.0004629	122	50-150	0			J
Perfluorodecanoic Acid (PFDA)	0.002219	0.0030	0.001825	0.0001576	113	50-150	0			J
Perfluorododecanoic Acid (PFDoA)	0.002336	0.0030	0.001825	0	128	50-150	0			J
Perfluoroundecanoic Acid (PFUnA)	0.002175	0.0020	0.001825	0	119	50-150	0			
Surr: 13C3-HFPO-DA	*0.0299*	0	*0.0365*	0	*81.9*	*50-200*	0			
Surr: 13C2-4-2-FTS	*0.1715*	0	*0.1372*	0	*125*	*50-200*	0			
Surr: 13C2-6-2-FTS	*0.2508*	0	*0.1387*	0	*181*	*50-200*	0			
Surr: 13C2-8-2-FTS	*0.1279*	0	*0.1401*	0	*91.3*	*50-200*	0			
Surr: 13C4-PFBA	*0.03399*	0	*0.0365*	0	*93.1*	*50-200*	0			
Surr: 13C3-PFBS	*0.0286*	0	*0.03403*	0	*84*	*50-200*	0			
Surr: 13C5-PFPeA	*0.03361*	0	*0.0365*	0	*92.1*	*50-200*	0			
Surr: 13C5-PFHxA	*0.03712*	0	*0.0365*	0	*102*	*50-200*	0			
Surr: 13C3-PFHxS	*0.02964*	0	*0.03458*	0	*85.7*	*50-200*	0			
Surr: 13C4-PFHpA	*0.03353*	0	*0.0365*	0	*91.9*	*50-200*	0			
Surr: 13C8-PFOA	*0.03369*	0	*0.0365*	0	*92.3*	*50-200*	0			
Surr: 13C8-PFOS	*0.03024*	0	*0.03495*	0	*86.5*	*50-200*	0			
Surr: 13C9-PFNA	*0.03414*	0	*0.0365*	0	*93.5*	*50-200*	0			
Surr: 13C6-PFDA	*0.03129*	0	*0.0365*	0	*85.7*	*50-200*	0			
Surr: 13C2-PFDoA	*0.02811*	0	*0.0365*	0	*77*	*50-200*	0			
Surr: 13C7-PFUnDA	*0.0303*	0	*0.0365*	0	*83*	*50-200*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client:	Suburban Laboratories, Inc.	
Work Order:	24030504	
Project:	IL0311350 Homewood SE3	

QC BATCH REPORT

Batch ID: **236415** Instrument ID **LCMS1** Method: **E533**

MSD Sample ID: **24030620-01B MSD** Units: **µg/L** Analysis Date: **3/15/2024 07:16 PM**

Client ID: Run ID: **LCMS1_240315B** SeqNo: **10571371** Prep Date: **3/12/2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
11Cl-Pf3OUdS	0.001305	0.0050	0.001745	0	74.8	50-150	0.001546	0	50	J
9Cl-PF3ONS	0.001685	0.0020	0.001726	0	97.6	50-150	0.001753	0	50	J
4,8-Dioxa-3H-perfluorononanoic Acid (	0.001547	0.0030	0.001745	0	88.7	50-150	0.001943	0	50	J
Hexafluoropropylene oxide dimer acid	0.002243	0.0050	0.001846	0	122	50-150	0.001171	0	50	J
Nonafluoro-3,6-dioxaheptanoic acid (N	0.001704	0.020	0.001846	0	92.3	50-150	0.002273	0	50	J
Perfluoro(2-ethoxyethane)sulfonic acid	0.001561	0.0030	0.001643	0	95	50-150	0.001915	0	50	J
Perfluoro-4-methoxybutanoic acid (PFI	0.001847	0.0030	0.001846	0	100	50-150	0.002043	0	50	J
Perfluoro-3-methoxypropanoic acid (PI	0.001806	0.0040	0.001846	0	97.8	50-150	0.002124	0	50	J
Fluorotelomer Sulphonic Acid 4:2 (FtS	0.001814	0.0030	0.001735	0	105	50-150	0.002284	0	50	J
Fluorotelomer Sulphonic Acid 6:2 (FtS	0.001872	0.0050	0.001754	0.0003886	84.6	50-150	0.002771	0	50	J
Fluorotelomer Sulphonic Acid 8:2 (FtS	0.002082	0.0050	0.001772	0	117	50-150	0.002097	0	50	J
Perfluorobutanoic Acid (PFBA)	0.004844	0.0050	0.001846	0.0031	94.4	50-150	0.00513	0	50	J
Perfluorobutanesulfonic Acid (PFBS)	0.002346	0.0030	0.001643	0.0008113	93.4	50-150	0.002836	0	50	J
Perfluoropentanoic Acid (PFPeA)	0.003084	0.0030	0.001846	0.001349	94	50-150	0.003332	7.74	50	
Perfluoropentanesulfonic Acid (PFPeS	0.0022	0.0040	0.001735	0	127	50-150	0.002145	0	50	J
Perfluorohexanoic Acid (PFHxA)	0.002848	0.0030	0.001846	0.001195	89.6	50-150	0.003172	0	50	J
Perfluorohexanesulfonic Acid (PFHxS)	0.002485	0.0030	0.001689	0.0009863	88.7	50-150	0.002547	0	50	J
Perfluoroheptanoic Acid (PFHpA)	0.002476	0.0030	0.001846	0.0007157	95.4	50-150	0.002851	0	50	J
Perfluoroheptanesulfonic Acid (PFHpS	0.002236	0.0030	0.001763	0	127	50-150	0.002586	0	50	J
Perfluorooctanoic Acid (PFOA)	0.002503	0.0040	0.001846	0.0007961	92.5	50-150	0.003171	0	50	J
Perfluorooctanesulfonic Acid (PFOS)	0.002416	0.0040	0.001717	0.0007881	94.8	50-150	0.002641	0	50	J
Perfluorononanoic Acid (PFNA)	0.002339	0.0040	0.001846	0.0004629	102	50-150	0.002687	0	50	J
Perfluorodecanoic Acid (PFDA)	0.002048	0.0030	0.001846	0.0001576	102	50-150	0.002219	0	50	J
Perfluorododecanoic Acid (PFDoA)	0.002106	0.0030	0.001846	0	114	50-150	0.002336	0	50	J
Perfluoroundecanoic Acid (PFUnA)	0.001918	0.0020	0.001846	0	104	50-150	0.002175	0	50	J
Surr: 13C3-HFPO-DA	*0.03474*	0	*0.03692*	0	*94.1*	*50-200*	0.0299	*15*	*30*	
Surr: 13C2-4-2-FTS	*0.1784*	0	*0.1388*	0	*128*	*50-200*	0.1715	*3.94*	*30*	
Surr: 13C2-6-2-FTS	*0.2488*	0	*0.1403*	0	*177*	*50-200*	0.2508	*0.825*	*30*	
Surr: 13C2-8-2-FTS	*0.1265*	0	*0.1418*	0	*89.2*	*50-200*	0.1279	*1.13*	*30*	
Surr: 13C4-PFBA	*0.03451*	0	*0.03692*	0	*93.5*	*50-200*	0.03399	*1.51*	*30*	
Surr: 13C3-PFBS	*0.03097*	0	*0.03443*	0	*89.9*	*50-200*	0.0286	*7.94*	*30*	
Surr: 13C5-PFPeA	*0.03383*	0	*0.03692*	0	*91.6*	*50-200*	0.03361	*0.652*	*30*	
Surr: 13C5-PFHxA	*0.03708*	0	*0.03692*	0	*100*	*50-200*	0.03712	*0.0935*	*30*	
Surr: 13C3-PFHxS	*0.02852*	0	*0.03498*	0	*81.5*	*50-200*	0.02964	*3.88*	*30*	
Surr: 13C4-PFHpA	*0.03463*	0	*0.03692*	0	*93.8*	*50-200*	0.03353	*3.23*	*30*	
Surr: 13C8-PFOA	*0.03094*	0	*0.03692*	0	*83.8*	*50-200*	0.03369	*8.49*	*30*	
Surr: 13C8-PFOS	*0.03031*	0	*0.03535*	0	*85.7*	*50-200*	0.03024	*0.232*	*30*	
Surr: 13C9-PFNA	*0.03127*	0	*0.03692*	0	*84.7*	*50-200*	0.03414	*8.75*	*30*	
Surr: 13C6-PFDA	*0.02936*	0	*0.03692*	0	*79.5*	*50-200*	0.03129	*6.39*	*30*	
Surr: 13C2-PFDoA	*0.02554*	0	*0.03692*	0	*69.2*	*50-200*	0.02811	*9.56*	*30*	
Surr: 13C7-PFUnDA	*0.02785*	0	*0.03692*	0	*75.4*	*50-200*	0.0303	*8.43*	*30*	

The following samples were analyzed in this batch: 24030504-01A 24030504-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Group, USA

Date: 19-Mar-24

Client: Suburban Laboratories, Inc.
Project: IL0311350 Homewood SE3
Work Order: **24030504**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
24030504-01	533	Drinking Wat		3/5/2024 10:10	3/7/2024 10:00	☐
24030504-02	533 Field Blank	Drinking Wat		3/5/2024 10:10	3/7/2024 10:00	☐
24030504-03	537	Drinking Wat		3/5/2024 10:12	3/7/2024 10:00	☐
24030504-04	537 Field Blank	Drinking Wat		3/5/2024 10:12	3/7/2024 10:00	☐

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

24030504

SUBLABS: Suburban Laboratories, Inc
Project: Homewood IL0311350 SE3

...AIN OF CUSTODY RECORD

Omega COCID 41844

PAGE: 1 OF: 1

ADDRESS

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
TEL: (708) 544-3260
FAX: (708) 544-8587
Website: www.suburbanlabs.com

SUB CONTRATOR: **ALS - MICHIGAN**
COMPANY: **ALS - Environmental Division**
ADDRESS: **3352 128th Ave**
CITY, STATE, ZIP: **Holland, MI 49424**
PHONE: **(616) 399-6070** FAX: EMAIL:
ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:
Homewood IL0311350 SE3 UCMR5 Method 533 and 537. Please analyze fields blanks only if there are hits in the sample.

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
1	2403253-001A 533_SUB	533	P-8OZ - AMMAC	Drinking Water	3/5/2024 10:10:00 AM	4	
2	2403253-002A 533_SUB	533 FIELD BLANK	P-8OZ - AMMAC	Drinking Water	3/5/2024 10:10:00 AM	1	
3	2403253-003A 537_SUB	537	P-8OZ - AMMAC	Drinking Water	3/5/2024 10:12:00 AM	4	
4	2403253-004A 537_SUB	537 FIELD BLANK	P-8OZ - AMMAC	Drinking Water	3/5/2024 10:12:00 AM	1	

Relinquished By:	Date: 3/6/24	Time: 10:00	Received By: UPS	Date:	Time:
Relinquished By: UPS	Date: 3-7-24	Time: 10:00	Received By: [illegible]	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☐ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

Note: RUSH requests will incur surcharges!

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples 2.1 °C Attempt to Cool? Ice
Comments: PS 2

ALS Group, USA
Holland, Michigan

Sample Receipt Checklist

Client Name:	**SUBLABS**	Date/Time Received:	**07-Mar-24 10:00**
Work Order:	**24030504**	Received by:	**CMK**

Checklist completed by Caleb Koetje (eSignature) 07-Mar-24 (Date) Reviewed by: Alex J. Csaszar (eSignature) 07-Mar-24 (Date)

Matrices: Drinking Water
Carrier name: UPS

	Yes	No	
Shipping container/cooler in good condition?	☑	☐	Not Present ☐
Custody seals intact on shipping container/cooler?	☐	☐	Not Present ☑
Custody seals intact on sample bottles?	☐	☐	Not Present ☑
Chain of custody present?	☑	☐	
Chain of custody signed when relinquished and received?	☑	☐	
Chain of custody agrees with sample labels?	☑	☐	
Samples in proper container/bottle?	☑	☐	
Sample containers intact?	☑	☐	
Sufficient sample volume for indicated test?	☑	☐	
All samples received within holding time?	☑	☐	
Container/Temp Blank temperature in compliance?	☑	☐	
Sample(s) received on ice?	☑	☐	

Temperature(s)/Thermometer(s): 2.1c DF2
Cooler(s)/Kit(s):
Date/Time sample(s) sent to storage: 3/7/2024 3:44:46 PM

	Yes	No	
Water - VOA vials have zero headspace?	☐	☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	☐	☐	N/A ☑
pH adjusted?	☐	☐	N/A ☑

pH adjusted by: -

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SUBURBAN LABORATORIES, Inc.
1950 S. Batavia Ave. Ste. 150, Geneva, IL 60134
Tel. 708.544.3260 login@suburbanlabs.com www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Page * of *

Company Name: Homewood
Street Address: 17755 Ashland Avenue
City: Homewood State: IL Zip: 60430
Office Phone: Mobile:
Email Address: efritz@homewoodil.gov
Project ID/Location: IL0311350 UCMR5
Project Manager (Report to):
Sample Collector(s):

TURNAROUND TIME REQUESTED
☐ Normal ☐ RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date Report Needed:

REGULATORY PROGRAM/LIMITS REQUIRED
☐ None/For Information Only

PO #
Report Type ☐ Normal ☐ Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method

LAB USE ONLY
Work Order # 2403253
Temperature of Received Samples: 6 °C
Received within 24 hours of collection? ☐ No ☐ Yes

ANALYSIS & METHOD REQUESTED — Enter an "X" in box below for request

#	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	Qty	SIZE & TYPE	PRESERVATIVE	PFAs Method 533	PFAs Method 537	Lithium	Lab Comment	LAB #
1				DW		4	P-8 oz	mmonium Aceta	X				
2	533 FIELD BLANK	3-5-24	10:10 Am	DI		1	P-8 oz	mmonium Aceta	X				
3				DW		4	P-8 oz	Trizma		X			
4	537 FIELD BLANK	3-5-24	10:12 Am	DI		1	P-8 oz	Trizma		X			
5						1	P -8 oz	HNO3			X		
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

UCMR5 SE3 CC01

T0157

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
[signature]	3-5-24	[signature]	3-5-24				
Received By	**Time**	**Received By**	**Time**	**Received By**	**Time**	**Received By**	**Time**
[signature] ☑ Ice	12:30	[signature] ☐ Ice	15:35	☐ Ice		☐ Ice	

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES.

Rev 2/17

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

June 28, 2024

Eric Fritz
Village of Homewood
17755 Ashland Avenue
Homewood, IL 60430

Workorder: 2406329

TEL: (708) 206-2905
FAX: (708) 206-3499
RE: UCMR5 SE4

Dear Eric Fritz:

Suburban Laboratories, Inc. received 5 sample(s) on 6/5/2024 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Mary Wojdyla

Mary Wojdyla
Project Manager
(708) 544-3260
mwojdyla@suburbanlabs.com

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Case Narrative

Client: Village of Homewood
Project: UCMR5 SE4
WorkOrder: 2406329
Temperature of samples upon receipt at SLI: C

Date: June 28, 2024
PO #:
QC Level: LEVEL I
Chain of Custody #:

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS: (Surrogate Standard): Quality control compound added to the sample by the lab.
-LA: Lab Accident - No valid data to report.
-VO: Insufficient Volume provided
-BR: Received broken
-IP: Invalid Sampling

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

PREP DATES REPORT

Client: Village of Homewood
Project: UCMR5 SE4

Report Date: June 28, 2024
Lab Order: 2406329

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2406329-001A	6/5/2024 9:36:00 AM	98363	533 PFAS Prep		6/10/2024
2406329-002A		98684	533 PFAS Prep		6/24/2024
2406329-003A	6/5/2024 9:37:00 AM	98483	PFAS in drinking water prep		6/13/2024
2406329-005A	6/5/2024	98460	ICP Drinking Water Prep		6/13/2024

Suburban Laboratories, Inc.
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Geneva, IL 60134
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Website: www.suburbanlabs.com

Analytical Report

(continuous)

WO#: **2406329**

Date Reported: **6/28/2024**

CLIENT: Village of Homewood **Lab Order:** 2406329

Project: UCMR5 SE4

Lab ID: 2406329-001 **Collection Date:** 6/5/2024 9:36:00 AM

Client Sample ID: CC01 **Matrix:** DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DET. OF PER & POLYFLUOROALKYL SUBSTANCES IN DW				**E533**	**E533**	Analyst: **CSS**
11Cl-PR3OUdS	ND	4.13		ng/L	1	6/12/2024 12:12:00 AM
9Cl-PF3ONS	ND	1.65		ng/L	1	6/12/2024 12:12:00 AM
ADONA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
FtS 4:2	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
FtS 6:2	ND	4.13		ng/L	1	6/12/2024 12:12:00 AM
FtS 8:2	ND	4.13		ng/L	1	6/12/2024 12:12:00 AM
HFPO-DA	ND	4.13		ng/L	1	6/12/2024 12:12:00 AM
NFDHA	ND	16.5		ng/L	1	6/12/2024 12:12:00 AM
PFBA	ND	4.13		ng/L	1	6/12/2024 12:12:00 AM
PFBS	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFDA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFDoA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFEESA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFHpA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFHpS	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFHxA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFHxS-Total	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFMBA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFMPA	ND	3.30		ng/L	1	6/12/2024 12:12:00 AM
PFNA	ND	3.30		ng/L	1	6/12/2024 12:12:00 AM
PFOA	ND	3.30		ng/L	1	6/12/2024 12:12:00 AM
PFOS - Total	ND	3.30		ng/L	1	6/12/2024 12:12:00 AM
PFPeA	ND	2.48		ng/L	1	6/12/2024 12:12:00 AM
PFPeS	ND	3.30		ng/L	1	6/12/2024 12:12:00 AM
PFUnA	ND	1.65		ng/L	1	6/12/2024 12:12:00 AM

Qualifiers:

c	Analyte not in SLI scope of NELAC accreditation	E	Estimated, detected above quantitation range
E608	E608 indicates the sample was analyzed by E608.3	E624	E624 indicates sample was analyzed by 624.1
E625	E625 indicates sample was analyzed by method 625.1	G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
TEL: (708) 544-3260 FAX: (708) 544-8587
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Analytical Report
(continuous)

WO#: **2406329**
Date Reported: **6/28/2024**

CLIENT: Village of Homewood **Lab Order:** 2406329
Project: UCMR5 SE4

Lab ID: 2406329-002 **Collection Date:** 6/5/2024 9:36:00 AM
Client Sample ID: CC01 FIELD BLANK **Matrix:** DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DET. OF PER & POLYFLUOROALKYL SUBSTANCES IN DW				E533	E533	Analyst: **CSS**
11Cl-PR3OUdS	ND	4.56		ng/L	1	6/25/2024 11:46:00 AM
9Cl-PF3ONS	ND	1.82		ng/L	1	6/25/2024 11:46:00 AM
ADONA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
FtS 4:2	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
FtS 6:2	ND	4.56		ng/L	1	6/25/2024 11:46:00 AM
FtS 8:2	ND	4.56		ng/L	1	6/25/2024 11:46:00 AM
HFPO-DA	ND	4.56		ng/L	1	6/25/2024 11:46:00 AM
NFDHA	ND	18.2		ng/L	1	6/25/2024 11:46:00 AM
PFBA	ND	4.56		ng/L	1	6/25/2024 11:46:00 AM
PFBS	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFDA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFDoA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFEESA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFHpA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFHpS	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFHxA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFHxS-Total	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFMBA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFMPA	ND	3.65		ng/L	1	6/25/2024 11:46:00 AM
PFNA	ND	3.65		ng/L	1	6/25/2024 11:46:00 AM
PFOA	ND	3.65		ng/L	1	6/25/2024 11:46:00 AM
PFOS - Total	ND	3.65		ng/L	1	6/25/2024 11:46:00 AM
PFPeA	ND	2.74		ng/L	1	6/25/2024 11:46:00 AM
PFPeS	ND	3.65		ng/L	1	6/25/2024 11:46:00 AM
PFUnA	ND	1.82		ng/L	1	6/25/2024 11:46:00 AM

Qualifiers:

c	Analyte not in SLI scope of NELAC accreditation	E	Estimated, detected above quantitation range
E608	E608 indicates the sample was analyzed by E608.3	E624	E624 indicates sample was analyzed by 624.1
E625	E625 indicates sample was analyzed by method 625.1	G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
TEL: (708) 544-3260 FAX: (708) 544-8587
Website: www.suburbanlabs.com

Analytical Report

(continuous)

WO#: **2406329**

Date Reported: **6/28/2024**

CLIENT: Village of Homewood

Project: UCMR5 SE4

Lab Order: 2406329

Lab ID: 2406329-003

Collection Date: 6/5/2024 9:37:00 AM

Client Sample ID: CC01

Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PFAS/PFOS IN DRINKING WATER				**E537.1**	**E537.1**	Analyst: **CSS**
N-EtFOSAA-Total	ND	4.36		ng/L	1	6/17/2024 7:03:00 PM
N-MeFOSAA-Total	ND	5.23		ng/L	1	6/17/2024 7:03:00 PM
PFTeA	ND	6.97		ng/L	1	6/17/2024 7:03:00 PM
PFTriA	ND	2.61		ng/L	1	6/17/2024 7:03:00 PM
Surr: D5-N-EtFOSAA(S)	78.2	70 - 130		%Rec	1	6/17/2024 7:03:00 PM
Surr: M3HFPO-DA(S)	89.5	70 - 130		%Rec	1	6/17/2024 7:03:00 PM
Surr: MPFDA(S)	90.9	70 - 130		%Rec	1	6/17/2024 7:03:00 PM
Surr: MPFHxA(S)	83.0	70 - 130		%Rec	1	6/17/2024 7:03:00 PM

Lab ID: 2406329-005

Collection Date: 6/5/2024

Client Sample ID: CC01

Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
UCMR 5 LITHIUM				**E200.7DW**	**E180.1**	Analyst: **SCT**
Lithium	ND	5.00		µg/L	1	6/14/2024 1:14:35 PM

Qualifiers:

c	Analyte not in SLI scope of NELAC accreditation	E	Estimated, detected above quantitation range
E608	E608 indicates the sample was analyzed by E608.3	E624	E624 indicates sample was analyzed by 624.1
E625	E625 indicates sample was analyzed by method 625.1	G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Original

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave. Ste. 150, Geneva, IL 60134 — Tel. 708.544.3260 — login@suburbanlabs.com — www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Page * of *

Company Name: Village of Homewood
Street Address: 17755 Ashland Ave
City: Homewood State: IL Zip: 60430
Office Phone: 708-206-2910 Mobile:
Email Address: EFritz@HomewoodIL.Gov
Project ID/Location: UCMR5
Project Manager (Report to):
Sample Collector(s): Fritz

TURNAROUND TIME REQUESTED: ☐ Normal ☐ RUSH*

* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.

Date Report Needed:

REGULATORY PROGRAM/LIMITS REQUIRED

☐ None/For Information Only

PO #

Report Type: ☐ Normal ☐ Special*

* Additional charges apply for QC reports and raw data. Specify in comments section

Shipping Method

LAB USE ONLY

Work Order # 2406329

Temperature of Received Samples: 3.4 °C

Received within 24 hours of collection? ☐ No ☐ Yes

ANALYSIS & METHOD REQUESTED — Enter an "X" in box below for request

#	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	Qty	SIZE & TYPE	PRESERVATIVE	PFAs Method 533	PFAs Method 537	Lithium	Lab Comment	LAB #
1				DW		6	P-8 oz	mmonium Aceta	X				
2	533 FIELD BLANK	6-5-24	9:36	DI		2	P-8 oz	mmonium Aceta	X				
3				DW		6	P-8 oz	Trizma		X			
4	537 FIELD BLANK	6-5-24	9:37	DI		2	P-8 oz	Trizma		X			
5						1	P -8 oz	HNO3			X		
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Homewood SE4 CC01 UCMR5

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
[signature]	6-5-24	[signature]	6-5-24				
Received By: [signature] ☑ Ice	Time: 9:30	Received By: [signature] ☐ Ice	Time: 4:15	Received By: ☐ Ice	Time	Received By: ☐ Ice	Time

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES.

Rev 2/17