

COLIFORM MONITORING PLAN

Prairie Ridge-605

Source – Chlorinated

System Information

Plan Date: 12-2025

Prairie Ridge - 605	Thurston	ID # 02356 W
Preparer Kim Gubbe	Position Director of Planning and Compliance	Daytime Phone # (360) 357-8783 ext. 125
Source:	S01 – PR Well 1 WW AKY156, 164', 55 GPM S02 – PR Well 2 , AAE334, 170', 82 GPM S03 – PR Well Field (S01 & S02) 137 GPM S04 – HA WELL 1 AGN780, depth: 180', 120' to first open interval, 55 gpm S05 - HA WELL 2 ALG212, depth 160' 144' to first open interval, 68 gpm S06 - TP WELL 1 AHF013, 280' depth w/ first open interval at 275', 80 GPM S07 - INTERTIE 1 – CITY OF LACEY -Emergency Only	
Storage:	Reservoir #2: ~20 ft x 10 ft, concrete, above ground Reservoir #3: ~30 ft x 10 ft, concrete, above ground	
Pressure Zones:	Two	
Population	778	
Connections	Active: 303 Approved: 319	
Source Address / Location: S01/S02/S03: Between 7045 & 7207 44 th Ave NE, TPN: 69330007101 S04/S05: 7122 Hawks Prairie Rd. S06: Corner of Hawks Prairie RD NE & Eagle Dr NE, TP# 80120100000 S07: Corner of Hawks Prairie RD NE & Eagle Dr NE		

Routine Sample Rotation Schedule

Month	Routine Site(s)	Month	Routine Site(s)
January	X1 & X3	July	X1 & X3
February	X2 & X4	August	X2 & X4
March	X1 & X3	September	X1 & X3
April	X2 & X4	October	X2 & X4
May	X1 & X3	November	X1 & X3
June	X2 & X4	December	X2 & X4

Level 1 and Level 2 Assessment Contact Information

Name Kim Gubbe	Office Phone: 360-357-8783 ext. 125 After Hours Phone: 360-688-0827
Address 1230 Ruddell Road SE, Lacey WA 98503	Email kgubbe@thurstonpud.org
Name Jim Campbell	Office Phone: 360-357-8783 ext. 120 After Hours Phone: 360-790-2662
Address 1230 Ruddell Road SE, Lacey WA 98503	Email jcampbell@thurstonpud.org

Laboratory Information

Laboratory Name Water Management Laboratories Inc.	Office Phone # (253) 531-3121
Address 1515 80 th St. E. Tacoma, WA 98404	After Hours # (253) 841-0732
Hours of Operation Monday – Friday 8a.m.- 5p.m. Saturday 9a.m. – 12p.m.	
Contact Name No specific contact	

Routine, Repeat, and Triggered Source Sample Locations

Location/Address for <u>Routine</u> Sample Sites	Location/Address for <u>Repeat</u> and <u>Triggered Source</u> Sample Sites
X1. 7202 NE Prairie Ridge Dr	1-1. Sample site X1
(SAMPLE METER)	1-2. 7233 NE Prairie Ridge Dr
	1-3. 7034 NE Prairie Ridge Dr
	*GWR – S01
	*GWR – S02
	*GWR – S04
	*GWR – S05
X2. 7301 40th Court NE	2-1. Sample site X2
(SAMPLE METER)	2-2. 7224 40 th Court NE
	2-3. 7421 40 th Court NE
	*GWR – S01
	*GWR – S02
	*GWR – S04
	*GWR – S05
X3. 3717 Owl Lane NE	3-1. Sample site X3
(SAMPLE METER)	3-2. 3704 Owl Lane NE
	3-3. 3802 Owl Lane NE
	*GWR – S01
	*GWR – S02
	*GWR – S04
	*GWR – S05
	*GWR – S06

X4. 6034 Tolmie Drive	4-1. Sample site X4
(SAMPLE METER)	4-2. 3421 Eagle Drive
	4-3. 7026 NE TOLMIE DR
	*GWR – S01
	*GWR – S02
	*GWR – S04
	*GWR – S05
	*GWR – S06

You should mark the lab slip for the source sample “Ground Water Rule” (GWR) in type of sample and request an analysis for E coli count. You must sample every groundwater source, **before treatment, that was in use when the original routine sample was collected.*

Important notes for sample collector:

- Collect samples early in the month and early in the week.
- Check the sample site/tap before filling bottle to make sure there is no reason to invalidate the sample results.
- Do not sample on week when key staff are on vacation or a holiday occurs, as it may create schedule conflicts.
- If sample site is no longer a good sample site, substitute an acceptable site in the same area. If the site issues persist, choose a new permanent site and update CMP accordingly.

***E. coli*-Present Sample Response**

Distribution System <i>E. coli</i> Response Plan and <i>E. coli</i> Present Triggered Source Sample Response Plan
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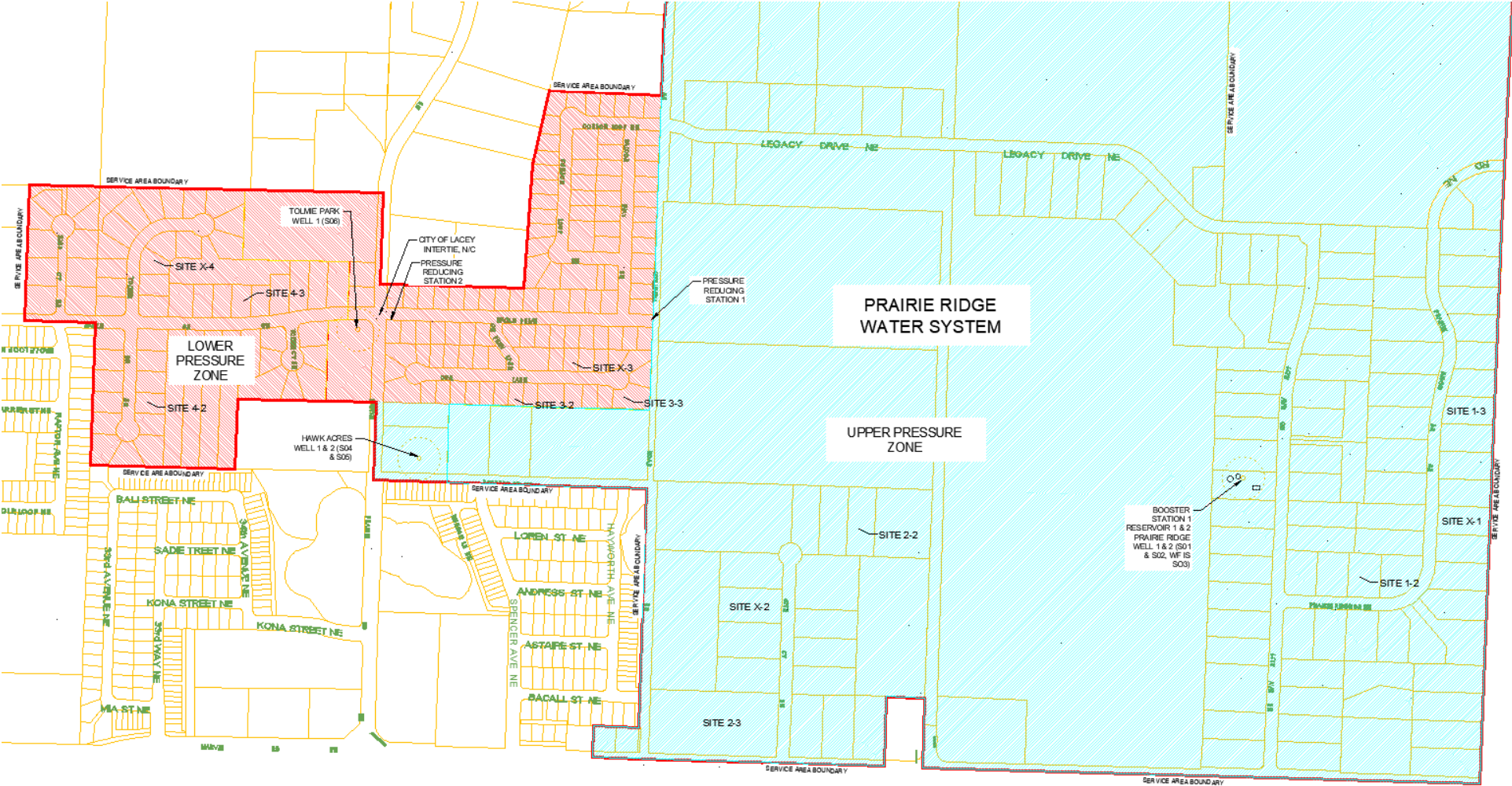
If we have <i>E. coli</i> in our distribution system, we will immediately:
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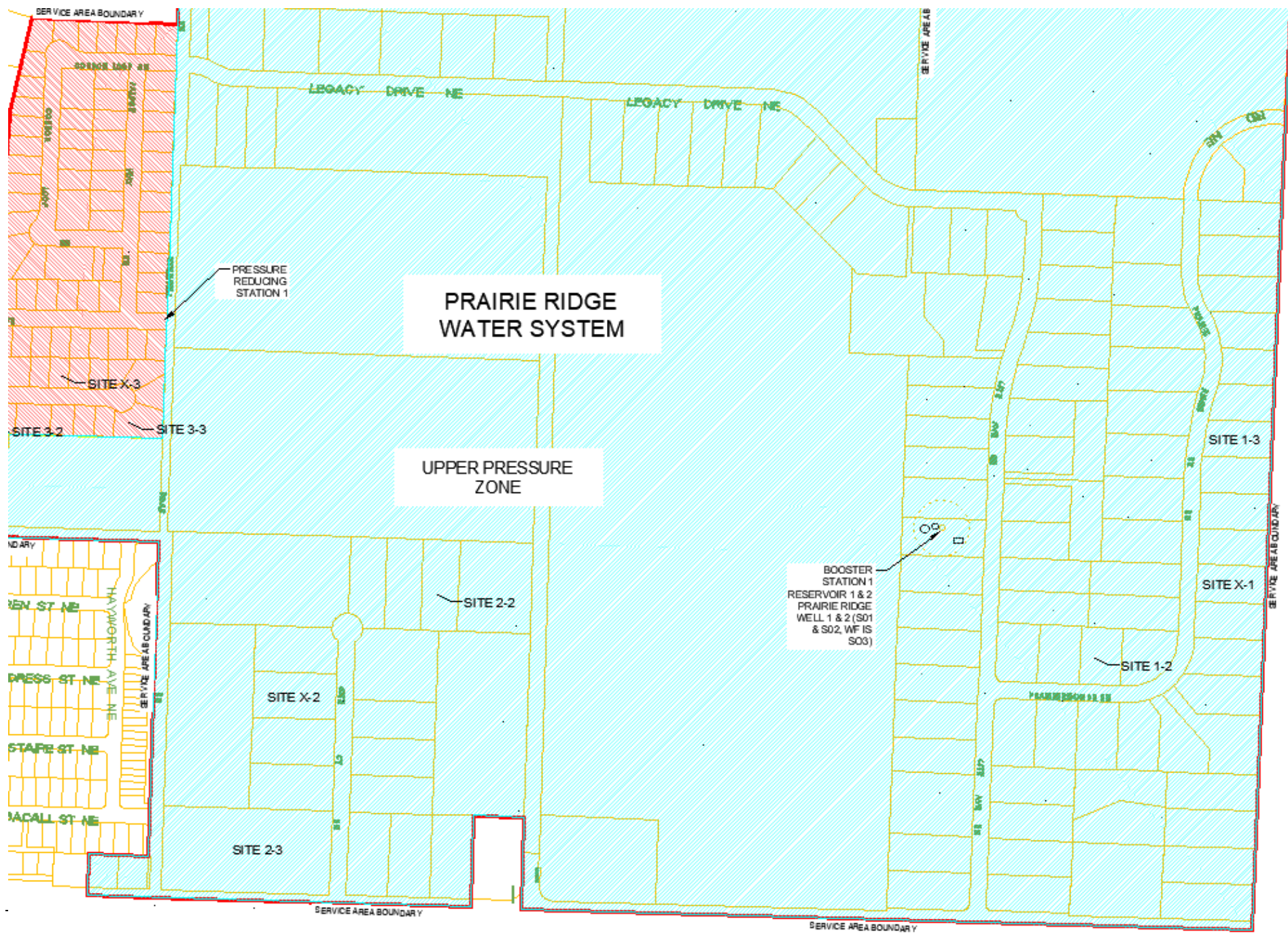
- | |
|---|
| <ol style="list-style-type: none">1. Call DOH.2. See attached plan: <i>What To Do When We Get A Positive Fecal Or E. coli Sample</i> |
|---|

What To Do When We Get A Positive Fecal Or E-Coli Sample.

1. Call the agency that governs that system immediately of receiving the results.
Group A's Thurston, Lewis, Grays – SW Drinking Water, 360-236-3045 or 360-236-3030.
2. Work with agency, we could put the customers on boil water now or wait until the next tests come back. We usually put them on boil water now. Distribute door hangers at this time with a copy of the *E. coli* MCL attached.
K:\FORMS\Mandatory Language Forms\Acute Coliform MCL
K:\FORMS\Mandatory Language Forms\Boil Water Advisory Door Hanger
3. Fax or email form and door hanger to agency after it has been hand delivered to the customers.
4. Take the repeat samples within 24 hours and run a 24-hour test on them.
Group A's three samples – follow the Coliform Monitoring Plan. If more than 1 well was in operation then a raw sample from each will need to be taken, plus the three repeats.
5. Access the system; try to find where the contamination is coming from. Are there any bad tanks, what does the well head look like, what activity is going on around the well.
6. Call lab in 24 hours from time sample was taken if email or call has not been received yet. Confirm that samples were good or bad.
7. If samples are negative take another round of samples, immediately. Run another 24-hour test. If next round is also negative lift the boil water notice.
8. If one of the samples comes back positive and we have not found the problem, then we should start continuous temporary chlorination of the system and notify the customers by door hanger of the chlorination. If the system is permanently chlorinated take chlorine residual throughout the water system to determine if chlorinated water is at the desired residual and if not, try to determine the cause of why there may be no residual. Then flush the system to get the chlorine throughout with monitoring to make sure that chlorine residual is consistent throughout the water system.
9. Once the chlorine is throughout the system then we need to take two rounds of repeat samples under normal operating conditions (i.e., normal chlorine residual, if any, or zero residual if system is not normally not disinfected) to lift the boil water.

System Map





system	ID	acct_no	Service address	Scheduled date	Date of Report	LEAD AL 0.015	COPPER AL 1.3	Year Home Built	Type of Pipe	Tier
PRAIRIE RIDGE 605	02356 W	012731-000	4527 MARVIN RD NE	10/1/2025	11/4/2025	0.0012	0.610	1982	PVC Copper	1
PRAIRIE RIDGE 605	02356 W	012763-000	7221 44TH AVE NE	10/1/2025	11/4/2025	0.0014	0.298	1983	Copper	1
PRAIRIE RIDGE 605	02356 W	016618-000	7218 PRAIRIE RIDGE DR NE	10/1/2025	11/4/2025	0.0013	0.486	1983	Copper	1
PRAIRIE RIDGE 605	02356 W	017282-000	7233 PRAIRIE RIDGE DR NE	10/1/2025	11/4/2025	0.0025	0.391	1982	PVC	RS
PRAIRIE RIDGE 605	2356 W	012789-000	7202 PRAIRIE RIDGE DR NE	10/1/2025	11/4/2025	0.0040	0.460	1982	unknown	RS
Tolmie Park 239	88667P	005482-000	6025 TOLMIE DRIVE NE	7/1/2023	8/31/2023	<.0010	0.104	1984	PVC	RS
Tolmie Park 239	88667P	014456-000	7043 TOLMIE DRIVE NE	7/1/2023	8/31/2023	<.0010	0.072	1982	unknown	RS
Tolmie Park 239	88667P	005477-000	6033 TOLMIE DRIVE NE	7/1/2023	8/31/2023	<.0010	0.190	1983	PVC	RS
Tolmie Park 239	88667P	005529-000	7048 TOLMIE DRIVE NE	7/1/2023	8/31/2023	<.0010	0.116	1989	unknown	RS
Tolmie Park 239	88667P	005492-000	6018 TOLMIE DRIVE NE	7/1/2023	8/31/2023	0.0024	0.270	1986	Copper	1
Hawk Acres 607	31845T	014781-000	3821 MARVIN ROAD NE	6/1/2025	6/27/2025	0.0088	0.385	1963	Copper	3
Hawk Acres 607	31845T	014844-000	6729 CONDOR LOOP SE	6/1/2025	6/27/2025	0.0013	0.108	1971	Copper	3
Hawk Acres 607	31845T	014845-000	6745 CONDOR LP NE	6/1/2025	6/27/2025	<0.0010	<0.020	1981	COPPER	3
Hawk Acres 607	31845T	015560-000	7224 40TH COURT NE	6/1/2025	6/27/2025	<0.0010	0.099	1988	Copper	RS
Hawk Acres 607	31845T	021710-000	7232 40TH COURT NE	6/1/2025	6/27/2025	<0.0010	0.33	1988	Copper	RS

If new site is needed - Review DOH publication 331-111 for guidelines

*RS = Representative Sample 1982 and 1987 with copper pipe will be Tier 1

Note: This water system doesn't contain any lead service lines

Exhibit II-7: Tiering Classification	
If you are a CWS	If you are an NTNCWS
Tier 1 sampling sites are single family structures: - with copper pipes with lead solder installed after 1982 <i>(but before the effective date of your State’s lead ban)</i> or contain lead pipes; and/or - that are served by a lead service line. Note: When multiple-family residences (MFRs) comprise at least 20% of the structures served by a water system, the system may count them as Tier 1 sites. Tier 2 sampling sites consist of buildings, including MFRs: - with copper pipes with lead solder installed after 1982 <i>(but before effective date of your State’s lead ban)</i> or contain lead pipes; and/or - that are served by a lead service line. Tier 3 sampling sites are single family structures with copper pipes having lead solder installed before 1983.	Tier 1 sampling sites consist of buildings: - with copper pipes with lead solder installed after 1982 <i>(but before the effective date of your State’s lead ban)</i> or contain lead pipes; and/or - that are served by a lead service line. Tier 2 sampling sites consist of buildings with copper pipes with lead solder installed before 1983. Tier 3: Not applicable.
Representative Sample: If a CWS or NTNCWS cannot collect enough samples from tiered sites, it must collect them from sites where the plumbing is similar to that used at other sites served by the water system.	

Disinfection Byproducts Monitoring Plan

Prairie Ridge - 605

ID #02356W

Groundwater

Population: 303

Treatment Provided:

Chlorination for maintaining distribution residual

Number of Treatment Plants (TP):

TP1 S03, treatment located inside pumphouse, permanent use, no other treatment

TP2 S04/5, treatment located inside pumphouse, permanent use, no other treatment

TP3 S06, treatment located inside pumphouse, permanent use, no other treatment

Disinfectant Monitoring

Required: Chlorine residuals must be measured at the same time and place as routine or repeat coliform samples. MRDL (maximum residual disinfectant level) for chlorine and chloramines = 4.0 mg/l.

Compliance: Compliance is based on the RAA (running annual average) of 12 consecutive months. DOH will determine compliance for chlorine MRDL. Daily residual measurements **will not** be included in the compliance calculations.

Byproduct Monitoring

Required: TTHM & HAA5 – 1 sample per treatment plant per year during month of warmest water temperature, collected at MRT (maximum residence time). TTHM MCL = 0.080 mg/l or 80 ppb, HAA5 MCL = 0.060 mg/l or 60 ppb

Compliance: Must go to quarterly monitoring if annual sample exceeds MCL for either TTHM or HAA5. Compliance is then based on the RAA of quarterly results or averages DOH will determine compliance for TTHM & HAA5 based on data submitted by the lab.

Sample Location:

TP1: **Outside tap at 6808 Prairie Ridge DR NE**

TP2: **Sample station at 7301 40th Court NE**

TP3: **Sample station at 6034 Tolmie Drive**

Sample will be taken in the month of August when water should be the warmest.

Reduced Monitoring

To qualify for reduced monitoring the following criteria must be met (and State must approve)
TTHM RAA $\leq$ 0.04mg/l and HAA5 RAA $\leq$ 0.03 mg/l for two consecutive years.

OR

TTHM RAA $\leq$ 0.020 mg/l and HAA5 RAA $\leq$ 0.015 mg/l for one year, monitoring may then be reduced to 1 sample per 3 year cycle.

Prairie Ridge - 605 (PWSID: 02356W)**102 Service Connections as of 3/24/2025**101 Cross Connection Control Questionnaires (CCCQs) completed since last **Sanitary Survey on 8/4/2020**

Service address	City, WA, Zip	Service Conn	CCCQ returned	CCCQ Notes
7110 44TH AVE NE	OLYMPIA, WA 98516	Active	7/25/2024	NO FOLLOW UP NEEDED-IRR DECOM
4246 LEGACY DR NE	OLYMPIA, WA 98516	Active	7/14/2024	FOLLOW UP NEEDED-01 05
7309 44TH AVE NE	OLYMPIA, WA 98516	Active	6/28/2024	ALL NO
7418 44TH AVE NE	OLYMPIA, WA 98516	Active	6/9/2024	ALL NO
7142 44TH AVE NE	OLYMPIA, WA 98516	Active	6/7/2024	NO FOLLOW UP NEEDED-BFD
7034 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	6/7/2024	NEED FOLLOW UP-01 BFA NEEDED
7120 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	6/7/2024	NO FOLLOW UP NEEDED
3743 LEGACY DR NE	OLYMPIA, WA 98516	Active	6/3/2024	ALL NO
3911 LEGACY DR NE	OLYMPIA, WA 98516	Active	5/21/2024	NEED FOLLOW UP-01
7021 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	5/17/2024	ALL NO
6808 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	5/17/2024	ALL NO
7143 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	5/16/2024	ALL NO
6946 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	5/16/2024	ALL NO
7144 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	5/16/2024	ALL NO
7433 44TH AVE NE	OLYMPIA, WA 98516	Active	5/15/2024	NO FOLLOW UP NEEDED-10
7117 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/22/2024	ALL NO
4338 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/22/2024	NEED FOLLOW UP-01
4210 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/17/2024	NEEDS FOLLOW UP-01
3839 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/17/2024	NEEDS FOLLOW UP-01
7234 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/17/2024	ALL NO
4047 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/17/2024	NO FOLLOW UP NEEDED
6829 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/16/2024	ALL NO
7226 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/16/2024	ALL NO
7214 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/16/2024	IRR DECOMMISSIONED 06212024
4041 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/16/2024	NO FOLLOW UP NEEDED
7202 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/15/2024	NEED FOLLOW UP-01
6922 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/15/2024	ALL NO
7230 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	4/15/2024	NO FOLLOW UP NEEDED
7015 44TH AVE NE	OLYMPIA, WA 98516	Active	4/15/2024	NEED FOLLOW UP-01
4575 MARVIN RD NE	OLYMPIA, WA 98516	Active	4/12/2024	NEEDS FOLLOW UP-01
4527 MARVIN RD NE	OLYMPIA, WA 98516	Active	4/10/2024	NEEDS FOLLOW UP-01
7031 44TH AVE NE	OLYMPIA, WA 98516	Active	4/9/2024	NO FOLLOW UP NEEDED-BFD
3923 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/3/2024	NO FOLLOW UP NEEDED
4314 LEGACY DR NE	OLYMPIA, WA 98516	Active	4/1/2024	NEED FOLLOW UP
7039 44TH AVE NE	OLYMPIA, WA 98516	Active	4/1/2024	NEED FOLLOW UP
7218 44TH AVE NE	OLYMPIA, WA 98516	Active	3/29/2024	ALL NO
4342 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/28/2024	NEED FOLLOW UP
4148 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/28/2024	ALL NO
6924 44TH AVE NE	OLYMPIA, WA 98516	Active	3/27/2024	NEED FOLLOW UP
7417 44TH AVE NE	OLYMPIA, WA 98516	Active	3/27/2024	NEED FOLLOW UP
6832 44TH AVE NE	OLYMPIA, WA 98516	Active	3/26/2024	NO FOLLOW UP NEEDED-BFD
7042 44TH AVE NE	OLYMPIA, WA 98516	Active	3/26/2024	ALL NO
7310 44TH AVE NE	OLYMPIA, WA 98516	Active	3/24/2024	ALL NO
6901 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	3/21/2024	NO FOLLOW UP NEEDED-
4009 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/20/2024	NEED FOLLOW UP
4222 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/19/2024	NEED FOLLOW UP-01
4112 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/19/2024	NEED FOLLOW UP-01
7235 44TH AVE NE	OLYMPIA, WA 98516	Active	3/19/2024	NEED FOLLOW UP-01

7041 44TH AVE NE	OLYMPIA, WA 98516	Active	3/19/2024	ALL NO
3927 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/19/2024	NO FOLLOW UP NEEDED
3908 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/19/2024	NEED FOLLOW UP-01
7001 44TH AVE NE	OLYMPIA, WA 98516	Active	3/18/2024	NO FOLLOW-UP - DE-COM 8/9/24
6904 44TH AVE NE	OLYMPIA, WA 98516	Active	3/18/2024	NEED FOLLOW UP-01
4330 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/18/2024	FOLLOW UP NEEDED-01 BFD NEEDED
3838 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/18/2024	ALL NO
4221 LEGACY DR NE	OLYMPIA, WA 98516	Active	3/18/2024	NEED FOLLOW UP-04 07
7018 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	3/8/2024	NEED FOLLOW UP-01
3844 LEGACY DR NE	OLYMPIA, WA 98516	Active	2/25/2024	NO FOLLOW UP NEEDED-BFD
6948 44TH AVE NE	OLYMPIA, WA 98516	Active	2/24/2024	NEEDS FOLLOW UP-01 BFA NEEDED
7032 44TH AVE NE	OLYMPIA, WA 98516	Active	2/21/2024	FOLLOW UP NEEDED-06
7009 44TH AVE NE	OLYMPIA, WA 98516	Active	2/20/2024	NO FOLLOW UP NEEDED-BFD
7045 44TH AVE NE	OLYMPIA, WA 98516	Active	2/17/2024	ALL NO-IRR DECOM 08132024
7434 44TH AVE NE	OLYMPIA, WA 98516	Active	2/14/2024	ALL NO
7323 44TH AVE NE	OLYMPIA, WA 98516	Active	2/14/2024	ALL NO
4525 MARVIN RD NE	OLYMPIA, WA 98516	Active	2/14/2024	NO FOLLOW UP NEEDED-BFD
4529 MARVIN RD NE	OLYMPIA, WA 98516	Active	2/8/2024	NEEDS FOLLOW UP-01
7402 44TH AVE NE	OLYMPIA, WA 98516	Active	1/10/2024	NO FOLLOW UP NEEDED-REMOVED
7201 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	1/4/2024	ALL NO
4531 MARVIN RD NE	OLYMPIA, WA 98516	Active	1/2/2024	NO FOLLOW UP NEEDED-BFD
7241 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/28/2023	NEED FOLLOW UP-01
6925 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/24/2023	ALL NO
4521 MARVIN RD NE	OLYMPIA, WA 98516	Active	12/21/2023	NEED FOLLOW UP-01
7330 44TH AVE NE	OLYMPIA, WA 98516	Active	12/21/2023	ALL NO
7237 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/21/2023	NEED FOLLOW UP-01
7233 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/21/2023	NEEDS FOLLOW UP-01
6949 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/21/2023	ALL NO
4136 LEGACY DR NE	OLYMPIA, WA 98516	Active	12/21/2023	ALL NO
7048 44TH AVE NE	OLYMPIA, WA 98516	Active	12/20/2023	NO FOLLOW UP NEEDED-BFD
7204 44TH AVE NE	OLYMPIA, WA 98516	Active	12/20/2023	ALL NO
7222 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/20/2023	ALL NO
7100 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/20/2023	NEED FOLLOW UP-01 BFA NEEDED
4234 LEGACY DR NE	OLYMPIA, WA 98516	Active	12/19/2023	ALL NO
7118 44TH AVE NE	OLYMPIA, WA 98516	Active	12/19/2023	ALL NO
6810 44TH AVE NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
7401 44TH AVE NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
7221 44TH AVE NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
7205 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
7207 44TH AVE NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
7206 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	12/18/2023	ALL NO
4533 MARVIN RD NE	OLYMPIA, WA 98516	Active	11/20/2023	ALL NO
4124 LEGACY DR NE	OLYMPIA, WA 98516	Active	9/12/2023	NEED FOLLOW UP-01
7213 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	8/20/2023	NEED FOLLOW UP-01
6902 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	7/6/2023	NEEDS FOLLOW UP-01
4025 LEGACY DR NE	OLYMPIA, WA 98516	Active	9/20/2022	ALL NO
7210 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	8/31/2022	ALL NO
4326 NW LEGACY DR NE	OLYMPIA, WA 98516	Active	7/18/2022	
7035 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	7/11/2022	
7018 44TH AVE NE	OLYMPIA, WA 98516	Active	10/1/2021	NEED FOLLOW UP-01
4315 LEGACY DR NE	OLYMPIA, WA 98516	Active	9/22/2021	NEEDS FOLLOW UP-01 BFA NEEDED
6830 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	2/9/2021	NEED FOLLOW UP-01 BFA NEEDED

7218 PRAIRIE RIDGE DR NE	OLYMPIA, WA 98516	Active	11/13/2020	
7249 44TH AVE NE	OLYMPIA, WA 98516	Active		

Prairie Ridge - 605 (PWSID: 02356W)**Backflow Assembly Inventory List as of 3/24/2025**

32 Backflow Preventers / 102 Connections

Service address	City, State, Zip	Serial #	Manu	Hazard	Next Test due
7233 PRAIRIE RIDGE DR NE	Olympia, WA 98516	AJAC6622	WILKINS	DCVA - Irrigation	6/24/2026
7230 PRAIRIE RIDGE DR NE	Olympia, WA 98516	A847990	WILKINS	DCVA - Irrigation	6/7/2026
7018 44TH AVE NE	Olympia, WA 98516	HG78247	FEBECO	DCVA - Irrigation	10/9/2025
7142 44TH AVE NE	Olympia, WA 98516	AJBL5876	WILKINS	DCVA - Irrigation	10/1/2025
7202 PRAIRIE RIDGE DR NE	Olympia, WA 98516	CHH8570	WILKINS	DCVA - Irrigation	9/20/2025
4221 LEGACY DR NE	Olympia, WA 98516	598508	WATTS	DCVA - Aux Irrigation well	8/15/2025
4047 LEGACY DR NE	Olympia, WA 98516	CHF5559	WILKINS	DCVA - Aux irrigation well	8/15/2025
3927 LEGACY DR NE	Olympia, WA 98516	H61923	FEBECO	DCVA - Irrigation	8/15/2025
3908 LEGACY DR NE	Olympia, WA 98516	AJBB3007	WILKINS	DCVA - Irrigation	8/14/2025
4330 LEGACY DR NE	Olympia, WA 98516	AJAS2254	WILKINS	DCVA - Irrigation	7/25/2025
7237 PRAIRIE RIDGE DR NE	Olympia, WA 98516	A028876	WILKINS	DCVA Irrigation	7/19/2025
6924 44TH AVE NE	Olympia, WA 98516	AJBD8161	WILKINS	DCVA - Irrigation	7/18/2025
4009 LEGACY DR NE	Olympia, WA 98516	H56989	FEBECO	DCVA - Irrigation	7/18/2025
7048 44TH AVE NE	Olympia, WA 98516	AO64818	WILKINS	DCVA - Irrigation	7/18/2025
4124 LEGACY DR NE	Olympia, WA 98516	H67802	FEBECO	DCVA - Irrigation	7/12/2025
4315 LEGACY DR NE	Olympia, WA 98516	H04618	FEBECO	DCVA - Irrigation	7/11/2025
4222 LEGACY DR NE	Olympia, WA 98516	78870C	APOLLO	DCVA - Irrigation	7/8/2025
6902 PRAIRIE RIDGE DR NE	Olympia, WA 98516	532559	WATTS	DCVA - Irrigation	7/5/2025
4531 MARVIN RD NE	Olympia, WA 98516	A294128	WILKINS	DCVA - Irrigation	7/5/2025
7120 PRAIRIE RIDGE DR NE	Olympia, WA 98516	874294	WILKINS	DCVA - irrigation	7/5/2025
4525 MARVIN RD NE	Olympia, WA 98516	AJN2444	WILKINS	DCVA - Irrigation	7/3/2025
4521 MARVIN RD NE	Olympia, WA 98516	B001132	WILKINS	DCVA - Irrigation	7/2/2025
4527 MARVIN RD NE	Olympia, WA 98516	AJAX5866	WILKINS	DCVA - Premise Isolation	7/1/2025
4575 MARVIN RD NE	Olympia, WA 98516	AJN2447	WILKINS	DCVA - Irrigation	7/1/2025
4338 LEGACY DR NE	Olympia, WA 98516	20231111	WILKINS	DCVA - Irrigation	6/28/2025
3911 LEGACY DR NE	Olympia, WA 98516	AJAL3663	WILKINS	DCVA - Irrigation	6/21/2025
3844 LEGACY DR NE	Olympia, WA 98516	W145315	WILKINS	DCVA - Irrigation	6/20/2025
4041 LEGACY DR NE	Olympia, WA 98516	1591538	WILKINS	DCVA - Irrigation	6/17/2025
7009 44TH AVE NE	Olympia, WA 98516	AJAQ2711	WILKINS	DCVA - Irrigation	6/12/2025
3923 LEGACY DR NE	Olympia, WA 98516	CHH7606	WILKINS	DCVA - Aux irrigation well	6/11/2025
6832 44TH AVE NE	Olympia, WA 98516	998494	APOLLO	DCVA - Irrigation	6/5/2025
7031 44TH AVE NE	Olympia, WA 98516	AJB2928	WILKINS	DCVA - Irrigation	4/3/2025

Hawk Acres 607 (PWSID: 31845T)**136 Service Connections as of 5/13/2025**105 Cross Connection Control Questionnaires (CCCQs) completed since last **Sanitary Survey on 9/30/2020**

Service Address	City, WA, Zip	Serv Conn	CCCQ Rec'd	CCCQ Notes
3623 OWL LN NE	Olympia, WA 98516	Active	4/29/2025	ALL NO
6820 FALCON WAY NE	Olympia, WA 98516	Active	4/23/2025	ALL NO
6706 FALCON DR NE	Olympia, WA 98516	Active	4/22/2025	ALL NO
6807 CONDOR LP NE	Olympia, WA 98516	Active	4/14/2025	NEED FOLLOW UP
6905 HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active	4/11/2025	ALL NO
6729 CONDOR LP NE	Olympia, WA 98516	Active	4/10/2025	ALL NO
6715 FALCON WAY NE	Olympia, WA 98516	Active	4/10/2025	ALL NO
3730 EAGLE DR NE	Olympia, WA 98516	Active	4/9/2025	ALL NO
3545 EAGLE DR NE	Olympia, WA 98516	Active	4/9/2025	ALL NO
3802 OWL LN NE	Olympia, WA 98516	Active	4/8/2025	NEED FOLLOW UP-10
7235 40TH CT NE	Olympia, WA 98516	Active	4/6/2025	NO FOLLOW UP NEEDED
3627 EAGLE DR NE	Olympia, WA 98516	Active	4/6/2025	ALL NO
6826 CONDOR LP NE	Olympia, WA 98516	Active	4/5/2025	ALL NO
3723 EAGLE DR NE	Olympia, WA 98516	Active	4/4/2025	ALL NO
3611 OWL LN NE	Olympia, WA 98516	Active	3/16/2025	ALL NO
3712 OWL LN NE	Olympia, WA 98516	Active	3/6/2025	ALL NO
6831 CONDOR LP NE	Olympia, WA 98516	Active	3/3/2025	NEED FOLLOW UP - 01
3725 OWL LN NE	Olympia, WA 98516	Active	3/3/2025	ALL NO
6745 CONDOR LP NE	Olympia, WA 98516	Active	2/28/2025	ALL NO
3619 OWL LN NE	Olympia, WA 98516	Active	2/20/2025	ALL NO
7421 40TH CT NE	Olympia, WA 98516	Active	2/19/2025	NEED FOLLOW UP - 01
7324 40TH CT NE	Olympia, WA 98516	Active	2/12/2025	ALL NO
3605 EAGLE DR NE	Olympia, WA 98516	Active	2/12/2025	ALL NO
3815 MARVIN RD NE	Olympia, WA 98516	Active	2/11/2025	ALL NO
7224 40TH CT NE	Olympia, WA 98516	Active	2/11/2025	ALL NO
7232 40TH CT NE	Olympia, WA 98516	Active	2/11/2025	NEED FOLLOW UP - 01
6819 CONDOR LP NE	Olympia, WA 98516	Active	2/8/2025	ALL NO
3615 EAGLE DR NE	Olympia, WA 98516	Active	2/8/2025	ALL NO
6705 CONDOR LP NE	Olympia, WA 98516	Active	2/7/2025	ALL NO
6721 CONDOR LP NE	Olympia, WA 98516	Active	2/6/2025	ALL NO
6817 FALCON WAY NE	Olympia, WA 98516	Active	2/5/2025	ALL NO
6901 CONDOR LP NE	Olympia, WA 98516	Active	2/4/2025	ALL NO
6834 CONDOR LP NE	Olympia, WA 98516	Active	2/3/2025	ALL NO
7301 40TH CT NE	Olympia, WA 98516	Active	2/2/2025	NO FOLLOW UP NEEDED
6808 FALCON WAY NE	Olympia, WA 98516	Active	2/2/2025	ALL NO
7319 40TH CT NE	Olympia, WA 98516	Active	2/1/2025	ALL NO
7244 40TH CT NE	Olympia, WA 98516	Active	1/31/2025	ALL NO
3616 EAGLE DR NE	Olympia, WA 98516	Active	1/31/2025	ALL NO
7409 40TH CT NE	Olympia, WA 98516	Active	1/30/2025	NEED FOLLOW UP-01
3601 EAGLE DR NE	Olympia, WA 98516	Active	1/30/2025	ALL NO
6945 OSPREY DR NE	Olympia, WA 98516	Active	1/29/2025	ALL NO
6903 FALCON WAY NE	Olympia, WA 98516	Active	1/29/2025	NEED FOLLOW UP - 01
6809 FALCON WAY NE	Olympia, WA 98516	Active	1/29/2025	ALL NO
7209 40TH CT NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
7410 40TH CT NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
4101 MARVIN RD NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
6843 CONDOR LP NE	Olympia, WA 98516	Active	1/28/2025	ALL NO

6805 FALCON WAY NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3727 EAGLE DR NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3607 OWL LN NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3622 OWL LN NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3603 OWL LN NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3717 OWL LN NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
3626 OWL LN NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
6908 FALCON WAY NE	Olympia, WA 98516	Active	1/28/2025	ALL NO
7340 38TH WAY NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
7124 HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
6812 FALCON WAY NE	Olympia, WA 98516	Active	1/27/2025	NO FOLLOW UP NEEDED
6923 CONDOR LP NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
3704 OWL LN NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
7216 40TH CT NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
3602 OWL LN NE	Olympia, WA 98516	Active	1/25/2025	ALL NO
3618 OWL LN NE	Olympia, WA 98516	Active	11/8/2024	ALL NO
6751 CONDOR LP NE	Olympia, WA 98516	Active	7/30/2024	ALL NO
3719 EAGLE DR NE	Olympia, WA 98516	Active	6/4/2024	NEEDS FOLLOW UP-05
3706 EAGLE DR NE	Olympia, WA 98516	Active	3/12/2024	ALL NO
3808 EAGLE DR NE	Olympia, WA 98516	Active	12/21/2023	NEED FOLLOW
3711 EAGLE DR NE	Olympia, WA 98516	Active	12/5/2023	ALL NO
3610 OWL LN NE	Olympia, WA 98516	Active	11/20/2023	ALL NO
3710 EAGLE DR NE	Olympia, WA 98516	Active	11/13/2023	ALL NO
6710 FALCON WAY NE	Olympia, WA 98516	Active	10/17/2023	ALL NO
6839 CONDOR LP NE	Olympia, WA 98516	Active	9/14/2023	ALL NO
7004 38TH WAY NE	Olympia, WA 98516	Active	8/8/2023	ALL NO
7100 A HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active	7/5/2023	
7211 40TH CT NE	Olympia, WA 98516	Active	6/13/2023	ALL NO
6815 CONDOR LP NE	Olympia, WA 98516	Active	5/24/2023	ALL NO
6835 CONDOR LP NE	Olympia, WA 98516	Active	3/21/2023	ALL NO
6827 CONDOR LP NE	Olympia, WA 98516	Active	1/25/2023	ALL NO
3720 OWL LN NE	Olympia, WA 98516	Active	10/21/2022	ALL NO
3614 OWL LN NE	Olympia, WA 98516	Active	10/17/2022	
3718 EAGLE DR NE	Olympia, WA 98516	Active	10/7/2022	
6804 FALCON WAY NE	Olympia, WA 98516	Active	9/14/2022	
6711 FALCON WAY NE	Olympia, WA 98516	Active	9/3/2022	
3804 EAGLE DR NE	Olympia, WA 98516	Active	7/11/2022	
6427 CONDOR LP NE	Olympia, WA 98516	Active	6/30/2022	
3807 OWL LN NE	Olympia, WA 98516	Active	4/6/2022	
6907 FALCON WAY NE	Olympia, WA 98516	Active	3/9/2022	
3631 OWL LN NE	Olympia, WA 98516	Active	2/11/2022	
6830 CONDOR LP NE	Olympia, WA 98516	Active	1/31/2022	NEEDS FOLLOW UP-05
3724 OWL LN NE	Olympia, WA 98516	Active	1/31/2022	
6713 CONDOR LP NE	Olympia, WA 98516	Active	12/22/2021	
3726 EAGLE DR NE	Olympia, WA 98516	Active	11/16/2021	NEEDS FOLLOW UP-07
3713 OWL LN NE	Olympia, WA 98516	Active	11/4/2021	FOLLOW UP NEEDED-05 07
3609 EAGLE DR NE	Olympia, WA 98516	Active	10/14/2021	
6707 FALCON WAY NE	Olympia, WA 98516	Active	10/8/2021	
3612 EAGLE DR NE	Olympia, WA 98516	Active	9/30/2021	
6816 FALCON WAY NE	Olympia, WA 98516	Active	4/28/2021	
3705 EAGLE DR NE	Olympia, WA 98516	Active	2/19/2021	
7100 B HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active	1/4/2021	

3821 MARVIN RD NE	Olympia, WA 98516	Active	12/10/2020	
3608 EAGLE DR NE	Olympia, WA 98516	Active	12/9/2020	
6702 CONDOR LN NE	Olympia, WA 98516	Active	12/9/2020	
6822 CONDOR LP NE	Olympia, WA 98516	Active	12/8/2020	
6825 CONDOR LP NE	Olympia, WA 98516	Active	12/8/2020	
3625 OWL LN NE	Olympia, WA 98516	Active	12/7/2020	
3620 EAGLE DR NE	Olympia, WA 98516	Active		
3722 EAGLE DR NE	Olympia, WA 98516	Active		
6900 FALCON WAY NE	Olympia, WA 98516	Active		
6714 FALCON WAY NE	Olympia, WA 98516	Active		
6811 CONDOR LP NE	Olympia, WA 98516	Active		
3613 EAGLE DR NE	Olympia, WA 98516	Active		
3800 OWL LN NE	Olympia, WA 98516	Active		
7416 40TH CT NE	Olympia, WA 98516	Active		
7420 40TH CT NE	Olympia, WA 98516	Active		
7128 HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active		
3714 EAGLE DR NE	Olympia, WA 98516	Active		
3800 EAGLE DR NE	Olympia, WA 98516	Active		
3715 EAGLE DR NE	Olympia, WA 98516	Active		
3708 OWL LN NE	Olympia, WA 98516	Active		
6810 CONDOR LP NE	Olympia, WA 98516	Active		
3604 EAGLE DR NE	Olympia, WA 98516	Active		
3615 OWL LN NE	Olympia, WA 98516	Active		
3600 EAGLE DR NE	Olympia, WA 98516	Active		
7312 40TH CT NE	Olympia, WA 98516	Active		
4045 MARVIN RD NE	Olympia, WA 98516	Active		
6835 HAWKS PRAIRIE RD NE	Olympia, WA 98516	Active		
6904 FALCON WAY NE	Olympia, WA 98516	Active		
3707 EAGLE DR NE	Olympia, WA 98516	Active		
3809 OWL LN NE	Olympia, WA 98516	Active		
3803 OWL LN NE	Olympia, WA 98516	Active		
3721 OWL LN NE	Olympia, WA 98516	Active		
6813 FALCON WAY NE	Olympia, WA 98516	Active		
3623 EAGLE DR NE	Olympia, WA 98516	Active		
7028 38TH WAY NE	Olympia, WA 98516	Active		
7040 38TH WAY NE	Olympia, WA 98516	Active		
7016 38TH WAY NE	Olympia, WA 98516	Active		

Tolmie Park Estates -239 (PWSID: 88667P)**65 Service Connections as of 5/13/2025**42 Cross Connection Control Questionnaires (CCCQs) completed since last **Sanitary Survey on 10/21/2020**

Service Address	City, WA, Zip	Serv Conn	CCCQ Rec'd	CCCQ Notes
3445 EAGLE DR NE	Olympia, WA 98516	Active	4/15/2025	ALL NO
6041 TOLMIE DR NE	Olympia, WA 98516	Active	4/11/2025	ALL NO
3342-B EAGLE DR NE	Olympia, WA 98516	Active	4/8/2025	ALL NO
6015 TOLMIE DR NE	Olympia, WA 98516	Active	4/7/2025	ALL NO
6902 32ND CT NE	Olympia, WA 98516	Active	4/7/2025	ALL NO
3421 EAGLE DR NE	Olympia, WA 98516	Active	4/5/2025	ALL NO
6018 TOLMIE DR NE	Olympia, WA 98516	Active	3/14/2025	ALL NO
3404 B EAGLE DR NE	Olympia, WA 98516	Active	3/3/2025	ALL NO
7024 TOLMIE CT NE	Olympia, WA 98516	Active	3/1/2025	ALL NO
3217 EAGLE DR NE	Olympia, WA 98516	Active	2/10/2025	ALL NO
6034 TOLMIE DR NE	Olympia, WA 98516	Active	2/9/2025	NEED FOLLOWS UP - 01
6913 32ND CT NE	Olympia, WA 98516	Active	2/7/2025	ALL NO
7012 TOLMIE CT NE	Olympia, WA 98516	Active	2/3/2025	ALL NO
6037 TOLMIE DR NE	Olympia, WA 98516	Active	2/2/2025	ALL NO
6925 32ND CT NE	Olympia, WA 98516	Active	2/2/2025	ALL NO
6033 TOLMIE DR NE	Olympia, WA 98516	Active	1/31/2025	ALL NO
7034 TOLMIE DR NE	Olympia, WA 98516	Active	1/31/2025	ALL NO
6025 TOLMIE DR NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
7010 TOLMIE DR NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
7048 TOLMIE DR NE	Olympia, WA 98516	Active	1/27/2025	ALL NO
7002 TOLMIE DR NE	Olympia, WA 98516	Active	10/29/2024	ALL NO
7030 TOLMIE CT NE	Olympia, WA 98516	Active	7/11/2024	ALL NO
3342-A EAGLE DR NE	Olympia, WA 98516	Active	6/12/2024	ALL NO
3529 EAGLE DR NE	Olympia, WA 98516	Active	3/30/2024	NEED FOLLOW UP
6040 TOLMIE DR NE	Olympia, WA 98516	Active	3/1/2024	ALL NO
3403 EAGLE DR NE	Olympia, WA 98516	Active	9/24/2023	ALL NO
7000 TOLMIE CT NE	Olympia, WA 98516	Active	9/5/2023	ALL NO
6924 32ND CT NE	Olympia, WA 98516	Active	5/19/2023	NEED FOLLOW UP-06
3420-B EAGLE DR NE	Olympia, WA 98516	Active	1/4/2023	
7015 TOLMIE DR NE	Olympia, WA 98516	Active	12/16/2022	
3412-B EAGLE DR NE	Olympia, WA 98516	Active	10/4/2022	
3412-A EAGLE DR NE	Olympia, WA 98516	Active	9/28/2022	
6901 32ND CT NE	Olympia, WA 98516	Active	9/1/2022	
6029 TOLMIE DR NE	Olympia, WA 98516	Active	8/31/2022	
3420-A EAGLE DR NE	Olympia, WA 98516	Active	8/13/2022	ALL NO
6026 TOLMIE DR NE	Olympia, WA 98516	Active	8/4/2022	ALL NO
7027 TOLMIE DR NE	Olympia, WA 98516	Active	5/26/2022	
7011 TOLMIE CT NE	Olympia, WA 98516	Active	10/28/2021	
3428 EAGLE DR NE	Olympia, WA 98516	Active	5/3/2021	
3404 A EAGLE DR NE	Olympia, WA 98516	Active	2/24/2021	
3501 EAGLE DR NE	Olympia, WA 98516	Active	2/19/2021	NO FOLLOW UP NEEDED
7018 TOLMIE DR NE	Olympia, WA 98516	Active	12/15/2020	
6937 32ND CT NE	Olympia, WA 98516	Active		
7035 TOLMIE DR NE	Olympia, WA 98516	Active		

6049 TOLMIE DR NE	Olympia, WA 98516	Active		
3409 EAGLE DR NE	Olympia, WA 98516	Active		
6010 TOLMIE DR NE	Olympia, WA 98516	Active		
7043 TOLMIE DR NE	Olympia, WA 98516	Active		
7029 TOLMIE CT NE	Olympia, WA 98516	Active		
6048 TOLMIE DR NE	Olympia, WA 98516	Active		
3241 EAGLE DR NE	Olympia, WA 98516	Active		
3341 EAGLE DR NE	Olympia, WA 98516	Active		
6001 TOLMIE DR NE	Olympia, WA 98516	Active		
3515 EAGLE DR NE	Olympia, WA 98516	Active		
3444 EAGLE DR NE	Olympia, WA 98516	Active		
3433 EAGLE DR NE	Olympia, WA 98516	Active		
6021 TOLMIE DR NE	Olympia, WA 98516	Active		
6002 TOLMIE DR NE	Olympia, WA 98516	Active		
7026 TOLMIE DR NE	Olympia, WA 98516	Active		
7019 TOLMIE DR NE	Olympia, WA 98516	Active		
7003 TOLMIE DR NE	Olympia, WA 98516	Active		
6912 32ND CT NE	Olympia, WA 98516	Active		
6936 32ND CT NE	Olympia, WA 98516	Active		
6031 TOLMIE DR NE	Olympia, WA 98516	Active		
7042 TOLMIE DR NE	Olympia, WA 98516	Active		



Water Quality Monitoring Schedule

System: PRAIRIE RIDGE 605
Contact: Kimberly S Gubbe
SMA ID: 147

PWS ID: 02356 W
Group: A - Comm
SMA Name: PUD No 1 of Thurston County

Region: SOUTHWEST
County: THURSTON

NOTE: To receive credit for compliance samples, you must fill out laboratory and sample paperwork completely, send your samples to a laboratory accredited by Washington State to conduct the analyses, AND ensure the results are submitted to DOH Office of Drinking Water. There is often a lag time between when you collect your sample, when we credit your system with meeting the monitoring requirement, and when we generate the new monitoring requirement.

Coliform Monitoring Requirements

	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026	Sep 2026
Coliform Monitoring Population	250	250	250	250	250	250	250	250	250	250	250	250
Number of Routine Samples Required	1	1	1	1	1	1	1	1	1	1	1	1

- Collect samples from representative points throughout the distribution system.
- Collect required repeat samples following an unsatisfactory sample. In addition, collect a sample from each operating groundwater source.
- For systems that chlorinate, record chlorine residual (measured when the coliform sample is collected) on the coliform lab slip.

Chemical Monitoring Requirements

Distribution Monitoring

<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Lead and Copper	10	Jul 2025 - Dec 2025	standard - 6 month	09/27/2024	Aug 2025	
Asbestos	0	Jan 2020 - Dec 2028	waiver - 9 year			
Total Trihalomethane (THM)	1	Jan 2024 - Dec 2026	standard - 3 year	08/08/2024		
Halo-Acetic Acids (HAA5)	1	Jan 2024 - Dec 2026	standard - 3 year	08/08/2024		



Water Quality Monitoring Schedule

Notes on Distribution System Chemical Monitoring

For *Lead and Copper*:

- Collect samples from the COLD WATER side of a KITCHEN or BATHROOM faucet that is used daily.
- Before sampling, make sure the water has sat unused in the pipes for at least 6 hours, but we recommend no more than 12 hours (e.g. overnight).
- If your sampling frequency is annual or every 3 years, samples must be collected between June 1 and September 30. Samples collected outside this time frame for systems with an annual or triennial schedule are invalid and may lead to a monitoring violation.

For *Asbestos*: Collect the sample from one of your routine coliform sampling sites in an area of your distribution system that has asbestos concrete pipe.

For *Disinfection Byproducts (HAA5 and THM)*: Collect the samples at the locations identified in your Disinfection Byproducts (DBP) monitoring plan.

Reduced DBP monitoring for surface water systems requires:

12 consecutive months of initial, raw water TOC monitoring followed by quarterly TOC monitoring if your running annual TOC average is ≤ 4.0 mg/L and you have appropriate LRAA results for TTHM and HAA5.

Source Monitoring

- Collect 'source' chemical monitoring samples from a tap after all treatment (if any), but before entering the distribution system.
- Washington State grants monitoring waivers for various test panels /analytes. Please note that we may require some monitoring as a condition of some waivers. We have granted complete waivers for dioxin, endothal, glyphosate, diquat, and insecticides.
- Nitrate, arsenic, iron, and other individual inorganics are included as part of a Complete Inorganic (IOC) analysis when it is collected.

Source S03	WF (S01 & S02)	Well Field	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Nitrate	1	Jan 2025 - Dec 2025	standard - 1 year	09/10/2025		
Complete Inorganic (IOC)	1	Jan 2020 - Dec 2028	waiver - 9 year	09/10/2025		
Volatile Organics (VOC)	1	Jan 2020 - Dec 2025	waiver - 6 year	09/06/2023		
Herbicides	1	Jan 2023 - Dec 2031	waiver - 9 year	09/10/2019	Sep 2028	
Pesticides	0	Jan 2023 - Dec 2025	waiver - 3 year	09/09/2010		
PFAS	1	Jul 2025 - Sep 2025	initial - quarterly	01/09/2022	Jul 2025	
Soil Fumigants	0	Jan 2023 - Dec 2025	waiver - 3 year			
Gross Alpha	1	Jan 2020 - Dec 2025	standard - 6 year	09/21/2021		
Radium 228	1	Jan 2020 - Dec 2025	standard - 6 year	09/21/2021		



Water Quality Monitoring Schedule

Other Information

Other Reporting Schedules	Due Date
Measure chlorine residuals and submit monthly reports if your system uses continuous chlorination:	monthly
Submit Consumer Confidence Report (CCR) to customers and ODW (Community systems only):	07/01/2025
Submit CCR certification form to ODW (Community systems only):	10/01/2025
Submit Water Use Efficiency report online to ODW and to customers (Community and other municipal water systems only):	07/01/2025
Send notices of lead and copper sample results to the customers sampled:	30 days after you receive the laboratory results
Submit Certification of customer notification of lead and copper results to ODW:	90 days after you notify customers
Homeowner notification of LSLI status for those with LSL, GRR or unknown	30 days after completion
Submit certification of homeowner notification for LSLI status for connections with LSL, GRR or unknown	07/01/2025

Special Notes

None

Southwest Regional Water Quality Monitoring Contacts

For questions regarding chemical monitoring:	Sophia Petro: (564) 669-0856 or sophia.petro@doh.wa.gov
For questions regarding DBPs:	Pi Kosarot: (564) 669-3862 or Pi.Kosarot@doh.wa.gov
For questions regarding coliform bacteria and microbial issues:	Southwest Office: (360) 236-3030 or SWRO.Coli@doh.wa.gov

Additional Notes

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If you have any questions about your monitoring requirements, please contact the regional office staff listed above.



Water Quality Monitoring Schedule

System: HAWK ACRES 607
Contact: Kimberly S Gubbe
SMA ID: 147

PWS ID: 31845 T
Group: A - Comm
SMA Name: PUD No 1 of Thurston County

Region: SOUTHWEST
County: THURSTON

NOTE: To receive credit for compliance samples, you must fill out laboratory and sample paperwork completely, send your samples to a laboratory accredited by Washington State to conduct the analyses, AND ensure the results are submitted to DOH Office of Drinking Water. There is often a lag time between when you collect your sample, when we credit your system with meeting the monitoring requirement, and when we generate the new monitoring requirement.

Coliform Monitoring Requirements

	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026	Sep 2026
Coliform Monitoring Population	328	328	328	328	328	328	328	328	328	328	328	328
Number of Routine Samples Required	1	1	1	1	1	1	1	1	1	1	1	1

- Collect samples from representative points throughout the distribution system.
- Collect required repeat samples following an unsatisfactory sample. In addition, collect a sample from each operating groundwater source.
- For systems that chlorinate, record chlorine residual (measured when the coliform sample is collected) on the coliform lab slip.

Chemical Monitoring Requirements

Distribution Monitoring

<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Lead and Copper	5	Jan 2023 - Dec 2025	standard - 3 year	06/16/2025		
Asbestos	1	Jan 2020 - Dec 2028	standard - 9 year	10/10/2018	Oct 2027	

Notes on Distribution System Chemical Monitoring

- For Lead and Copper:**
- Collect samples from the COLD WATER side of a KITCHEN or BATHROOM faucet that is used daily.
 - Before sampling, make sure the water has sat unused in the pipes for at least 6 hours, but we recommend no more than 12 hours (e.g. overnight).
 - If your sampling frequency is annual or every 3 years, samples must be collected between June 1 and September 30. Samples collected outside this time frame for systems with an annual or triennial schedule are invalid and may lead to a monitoring violation.

For Asbestos: Collect the sample from one of your routine coliform sampling sites in an area of your distribution system that has asbestos concrete pipe.



Water Quality Monitoring Schedule

Source Monitoring

- Collect 'source' chemical monitoring samples from a tap after all treatment (if any), but before entering the distribution system.
- Washington State grants monitoring waivers for various test panels /analytes. Please note that we may require some monitoring as a condition of some waivers. We have granted complete waivers for dioxin, endothal, glyphosate, diquat, and insecticides.
- Nitrate, arsenic, iron, and other individual inorganics are included as part of a Complete Inorganic (IOC) analysis when it is collected.

Source S01	WELL #1 AGN780 6"	Well	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Nitrate	1	Jan 2025 - Dec 2025	standard - 1 year	06/03/2025		
Complete Inorganic (IOC)	1	Jan 2020 - Dec 2028	waiver - 9 year	10/10/2018	Oct 2027	
Volatile Organics (VOC)	1	Jan 2020 - Dec 2025	waiver - 6 year	06/14/2022		
Herbicides	1	Jan 2023 - Dec 2031	waiver - 9 year	06/25/2019	Jun 2028	
Pesticides	0	Jan 2023 - Dec 2025	waiver - 3 year	06/07/2010		
PFAS	1	Jul 2025 - Sep 2025	initial - quarterly	07/06/2025		
Soil Fumigants	0	Jan 2023 - Dec 2025	waiver - 3 year	11/20/2003		
Gross Alpha	1	Jan 2020 - Dec 2025	standard - 6 year	06/14/2022		
Radium 228	1	Jan 2020 - Dec 2025	standard - 6 year	06/14/2022		

Source S02	WELL #2 ALG212	Well	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Nitrate	1	Jan 2025 - Dec 2025	standard - 1 year	06/03/2025		
Complete Inorganic (IOC)	1	Jan 2020 - Dec 2028	waiver - 9 year	06/09/2021		
Volatile Organics (VOC)	1	Jan 2020 - Dec 2025	waiver - 6 year	06/14/2022		
Herbicides	1	Jan 2023 - Dec 2031	waiver - 9 year	06/25/2019	Jun 2028	
Pesticides	0	Jan 2023 - Dec 2025	waiver - 3 year	06/07/2010		
PFAS	1	Jul 2025 - Sep 2025	initial - quarterly	07/06/2025		
Soil Fumigants	0	Jan 2023 - Dec 2025	waiver - 3 year			
Gross Alpha	1	Jan 2020 - Dec 2025	standard - 6 year	06/14/2022		
Radium 228	1	Jan 2020 - Dec 2025	standard - 6 year	06/14/2022		



Water Quality Monitoring Schedule

Other Information

Other Reporting Schedules	Due Date
Submit Consumer Confidence Report (CCR) to customers and ODW (Community systems only):	07/01/2025
Submit CCR certification form to ODW (Community systems only):	10/01/2025
Submit Water Use Efficiency report online to ODW and to customers (Community and other municipal water systems only):	07/01/2025
Send notices of lead and copper sample results to the customers sampled:	30 days after you receive the laboratory results
Submit Certification of customer notification of lead and copper results to ODW:	90 days after you notify customers
Homeowner notification of LSLI status for those with LSL, GRR or unknown	30 days after completion
Submit certification of homeowner notification for LSLI status for connections with LSL, GRR or unknown	07/01/2025

Special Notes

None

Southwest Regional Water Quality Monitoring Contacts

For questions regarding chemical monitoring:	Sophia Petro: (564) 669-0856 or sophia.petro@doh.wa.gov
For questions regarding DBPs:	Pi Kosarot: (564) 669-3862 or Pi.Kosarot@doh.wa.gov
For questions regarding coliform bacteria and microbial issues:	Southwest Office: (360) 236-3030 or SWRO.Coli@doh.wa.gov

Additional Notes

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Water Quality Monitoring Schedule

System: TOLMIE PARK 239
Contact: Kimberly S Gubbe
SMA ID: 147

PWS ID: 88667 P
Group: A - Comm
SMA Name: PUD No 1 of Thurston County

Region: SOUTHWEST
County: THURSTON

NOTE: To receive credit for compliance samples, you must fill out laboratory and sample paperwork completely, send your samples to a laboratory accredited by Washington State to conduct the analyses, AND ensure the results are submitted to DOH Office of Drinking Water. There is often a lag time between when you collect your sample, when we credit your system with meeting the monitoring requirement, and when we generate the new monitoring requirement.

Coliform Monitoring Requirements

	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026	Sep 2026
Coliform Monitoring Population	195	195	195	195	195	195	195	195	195	195	195	195
Number of Routine Samples Required	1	1	1	1	1	1	1	1	1	1	1	1

- Collect samples from representative points throughout the distribution system.
- Collect required repeat samples following an unsatisfactory sample. In addition, collect a sample from each operating groundwater source.
- For systems that chlorinate, record chlorine residual (measured when the coliform sample is collected) on the coliform lab slip.

Chemical Monitoring Requirements

Distribution Monitoring

<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Lead and Copper	5	Jan 2024 - Dec 2026	standard - 3 year	07/19/2023	Jul 2026	
Asbestos	0	Jan 2020 - Dec 2028	waiver - 9 year			

Notes on Distribution System Chemical Monitoring

- For Lead and Copper:**
- Collect samples from the COLD WATER side of a KITCHEN or BATHROOM faucet that is used daily.
 - Before sampling, make sure the water has sat unused in the pipes for at least 6 hours, but we recommend no more than 12 hours (e.g. overnight).
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For Asbestos: Collect the sample from one of your routine coliform sampling sites in an area of your distribution system that has asbestos concrete pipe.



Water Quality Monitoring Schedule

Source Monitoring

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- Washington State grants monitoring waivers for various test panels /analytes. Please note that we may require some monitoring as a condition of some waivers. We have granted complete waivers for dioxin, endothal, glyphosate, diquat, and insecticides.
- Nitrate, arsenic, iron, and other individual inorganics are included as part of a Complete Inorganic (IOC) analysis when it is collected.

Source S01	WELL #1 AHF013	Well	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>	<u>Last Sample Date</u>	<u>Next Sample Due</u>	
Nitrate	1	Jan 2025 - Dec 2025	standard - 1 year	10/01/2024	Oct 2025	
Complete Inorganic (IOC)	1	Jan 2020 - Dec 2028	waiver - 9 year	10/15/2019	Oct 2028	
Volatile Organics (VOC)	1	Jan 2020 - Dec 2025	waiver - 6 year	10/15/2019	Oct 2025	
Herbicides	1	Jan 2023 - Dec 2031	waiver - 9 year	10/20/2021	Oct 2030	
Pesticides	0	Jan 2023 - Dec 2025	waiver - 3 year	04/27/2000		
PFAS	1	Jul 2025 - Sep 2025	initial - quarterly	07/06/2025		
Soil Fumigants	0	Jan 2023 - Dec 2025	waiver - 3 year	09/19/2000		
Gross Alpha	1	Jan 2020 - Dec 2025	standard - 6 year	10/20/2021		
Radium 228	1	Jan 2020 - Dec 2025	standard - 6 year	10/20/2021		



Water Quality Monitoring Schedule

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Submit Certification of customer notification of lead and copper results to ODW:	90 days after you notify customers
Homeowner notification of LSLI status for those with LSL, GRR or unknown	30 days after completion
Submit certification of homeowner notification for LSLI status for connections with LSL, GRR or unknown	07/01/2025

Special Notes

None

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MBJ0220



Due: 10/21/21

TAT: Normal RUSH: _____ days

Custody Seal on Cooler/Box: Yes ☒ No ☐ Custody Seals Intact: Yes ☐ No ☒ N/A

Packing Material: ☒ Bubble Wrap ☐ Bags ☐ Foam/Peanuts ☐ None ☐ Other:Cooler Temp As Read (°C): 12.3 Cooler Temp Corrected (°C): _____ Thermometer Used: IR-5

Total Number of Sample Bottles Received: 2

Anatek Bottles Used? Yes No Unknown

Comments:

Record preservatives (and lot numbers, if known) for containers below:

Nitric Acid - Rad 228 - p 12
Nitric Acid - Gross Alpha - p 12

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: GL Date/Time: 10/7/21 11:17

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Client: Prairie Ridge 605
Address: 1515 80th Street East
Tacoma, WA 98404
Attn: Christa Garrettson

Work Order: MBJ0221
Project: 08993143
Reported: 2/9/2022 11:41

Analytical Results Report

System ID# 02356W System Name: Prairie Ridge 605
Reference Number: MBJ0221-01 Collect Date: 09/21/21 13:40 DOH Source #: 03
Multiple Source Nos: Sample Type: County: Thurston
Date Received: 10/07/21 13:40 Sample Purpose: RC - Routine/Compliance Sample
Sample Location: 08993143 (Dist Tap)
Matrix: Drinking Water

Lab/Sample Number: 112-22101

Radionuclides

DOH #	Analyte	Result	Units	LRL	SDRL	Trigger	MCL	Analyzed	Analyst	Method	Qualifier
0165	Gross alpha	<3.00 ± 0.427	pCi/L	3.00 MDA:3.00	3		15	12/30/21 22:54	APM	EPA 900.0	
0166	Radium 228	0.655 ± 0.32	pCi/L	1.00 MDA:0.183	1		5	1/15/22 11:15	APM	EPA 904.0	

Authorized Signature,



Justin Doty For Todd Taruscio, Laboratory Manager

R16 The RPD calculation for QC samples does not include the activity uncertainty. If included in the calculation, the RPD is within method acceptance limits.
LRL Lab Reporting Limit
SDRL State Detection Reporting Limit
ND Not Detected
MCL EPA's Maximum Contaminant Level
Dry Sample results reported on a dry weight basis
SAL State Action Level
* Not a certified analyte
RPD Relative Percent Difference
%REC Percent Recovery
Source Sample that was spiked or duplicated.

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.



WATER MANAGEMENT LABORATORIES INC.

MBJ0221



Due: 10/21/21

40.

Drinking Water Sample Information (WSI) for Chemical Analysis

Lab Use Only B: Date Received: 9/21/21 Time Received: 2:50 AM ☒ PM Initials: UW

Type of System: Group: ☒ A ☐ B Other: RE ☐ PVT ☐ County: THURSTON

Sample Purpose: ☒ Routine / Compliance (RC) ☐ Confirmation (C) ☐ Investigative (I) ☐ Other (O)

System Name: PRAIRIE RIDGE 605

System ID#: 02356W DOH Source #: S 03 Multiple Source #'s:

Utility's Name for Source:

Source Type: ☒ Well or Wellfield ☐ Spring ☐ Surface ☐ Purchased or Intertie
☐ Combination/Other ☐ Ground Water Under Surface Influence

Sample Composition: ☒ Single Source (S) ☐ Blended (B) ☐ Composite (C) ☐ Distribution Sample (D)

Sample Type: ☒ Pre-Treatment/Untreated (Raw) ☐ Post-Treatment (Finished) ☐ Unknown or Other

Treatment Type: ☒ None ☐ Chlorination ☐ Fluoridation ☐ Filtration ☐ Aeration
☐ Water Softener, Type: Other:

Specific Location Sample was Taken: DIST TAP

Date Collected: 9/21/21 Time Collected: 1:40 AM ☐ PM ☒

Collected by: RICH Telephone: (360) 790-2662

Send Results + Bill to:

Company: KIM CUBBE

Contact:

Address: Water Management Labs
1515 80th Street E

Phone: Tacoma, WA 98404

Email:

Remarks:

Inorganics	Miscellaneous	Individual Analytes		Organics
Full Chem 28	Alkalinity	Antimony (Sb)	Lead (Pb)	VOC (524.2)
Pierce County Req	Calcium (Ca)	Arsenic (As)	Manganese (Mn)	TTHM (524.2)
Lewis County Req	Magnesium (Mg)	Barium (Ba)	Mercury (Hg)	Max. THMP (524.2)
King County Req	pH	Beryllium (Be)	Nickel (Ni)	BTEX (524.2)
Kitsap County Req	Silica	Cadmium (Cd)	Nitrate (NO ₃)	HAA (552.2)
Thurston County Req	Tannin-Lignin	Chloride (Cl)	Nitrite (NO ₂)	
Mark Requested Analysis Box to the Right		Chromium (Cr)	Selenium (Se)	SOC's
		Color	Silver (Ag)	Carbamates (531.1)
		Conductivity	Sodium (Na)	Herbicides (515.1)
		Copper (Cu)	Sulfate (SO ₄)	Pesticides (525.2)
		Cyanide (CN)	Thallium (Tl)	EDB/DBCP (504)
		Fluoride (F)	Total Dissolved Solids	PCB's (508)
		Hardness	Turbidity	
		Iron (Fe)	Zinc (Zn)	
Other (List Below): <u>GA / RAD</u>				

Comments:

Volatile Organic Compounds Report of Analysis

Date Collected: 09-06-2023	System Group Type: (circle one) (A) B Other
Water System ID Number: 02356W	System Name: Prairie Ridge
Lab Number / Sample Number: 089 / 07030	County: Thurston
Sample Location: Dist Tap PH	Source Number(s): (list all sources if blended or composited) S03
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 09-06-2023 Date Analyzed: 09-11-2023 Date Reported: 09-26-2023 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-357-8783 x 125
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULT S	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0045	Vinyl chloride	--	ND	0.5	0.5	2	µg/L	No	524.2/RL
0046	1,1- Dichloroethylene	--	ND	0.5	0.5	7	µg/L	No	524.2/RL
0047	1,1,1 Trichloroethane	--	ND	0.5	0.5	200	µg/L	No	524.2/RL
0048	Carbon tetrachloride	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0049	Benzene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0050	1,2 Dichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0051	Trichloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0052	Para-dichlorobenzene	--	ND	0.5	0.5	75	µg/L	No	524.2/RL
0056	Dichloromethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0057	trans-1,2-Dichloroethylene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0060	cis- 1,2-Dichloroethylene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0063	1,2- Dichloropropane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0066	Toluene	--	ND	0.5	0.5	1000	µg/L	No	524.2/RL
0067	1,1,2-Trichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0068	Tetrachloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0071	Monochlorobenzene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0073	Ethylbenzene	--	ND	0.5	0.5	700	µg/L	No	524.2/RL
0076	Styrene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0084	Ortho-Dichlorobenzene	--	ND	0.5	0.5	600	µg/L	No	524.2/RL
0095	1,2,4- Trichlorobenzene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0160	Total Xylenes	--	ND	0.5	0.5	10000	µg/L	No	524.2/RL
0074	m/p Xylenes (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0075	o- Xylene (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0027	Chloroform	--	ND	0.5	--	--	µg/L	--	524.2/RL

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0028	Bromodichloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0029	Dibromochloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0030	Bromoform	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0031	Total Trihalomethanes	--	ND	--	--	80	µg/L	No	524.2/RL
0053	Chloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0054	Bromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0058	1,1 Dichloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0072	1,1,1,2-Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0078	Bromobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0079	1,2,3- Trichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0081	O-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0085	Trichlorofluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0086	Bromochloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0089	1,3,5- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0091	1,2,4- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0092	sec- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0093	p- Isopropyltoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0094	n- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0096	Naphthalene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0104	Dichlorodifluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0154	1,3 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0055	Chloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0059	2,2 Dichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0062	1,1 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0064	Dibromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0070	1,3- Dichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0080	1,1,2,2 Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0082	P-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0083	m- Dichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0087	Isopropylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0088	n- Propylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0090	tert- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0097	Hexachlorobutadiene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0098	1,2,3 Trichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0427	EDB (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0428	DBCP (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
N/A	MTBE	--	ND	0.5	0.5	--	µg/L	--	524.2/RL

Lab Number / Sample Number: 089 / 07030

Volatile Organic Compounds (cont)

LAB COMMENTS

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

Analysis for EDB and DBCP is screening only. Detections of EDB and DBCP are confirmed using the fumigant test panel.

--No existing value.

µg/L: micrograms per liter or parts per billion.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Haloacetic Acid (HAA5)
Distribution System - Report of Analysis

HALOACETIC ACIDS	System Group Type: (circle one) ☒ A ☐ B Other:
Water System ID Number: 02356W	System Name: Prairie Ridge 605
Source: S92 (distribution samples)	County: Thurston
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 08-08-2024 Date Analyzed: 08-13-2024 Date Reported: 08-30-2024 Supervisor Initials: 
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list sources in "Source Number" field) ☐ C - Composite (list sources in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☐ Pre-treatment/Untreated (Raw) ☒ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Rich Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast Lacey WA 98503	Comments:

HALOACETIC ACIDS (cont.)

Analyte Abbreviations:
Monochloroacetic Acid="MCAA" Dichloroacetic Acid="DCAA" Trichloroacetic Acid="TCAA" Monobromoacetic Acid="MBAA" Dibromoacetic Acid="DBAA" Total Haloacetic Acids= "HAA5s"

(DOH #) Analyte	(0411) MCAA (µg/L)	(0412) DCAA (µg/L)	(0413) TCAA (µg/L)	(0414) MBAA (µg/L)	(0415) DBAA (µg/L)	(0416) HAA5s (µg/L)
SDRL	2.0	1.0	1.0	1.0	1.0	--
MCL	--	--	--	--	--	60**

Method/Initials 552.3/HL

Lab Number/ Sample Number (____/____)	Date Collected	Sample Location:	MCAA (µg/L)	DCAA (µg/L)	TCAA (µg/L)	MBAA (µg/L)	DBAA (µg/L)	HAA5s (µg/L)
089 / 06440	08-08-2024	MRT - 3839 Legacy DR	ND	ND	ND	ND	ND	ND
DATA QUALIFIER - Note data qualifiers next to the individual result. Note the definition of the qualifier here:								

NOTES:
* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.
** Value listed is the sum of the 5 haloacetic acids (MCAA, DCAA, TCAA, MBAA, AND DBAA).
-- No existing value.
µg/L: micrograms per liter or parts per billion.
ANALYTE: The name of an analyte being tested for.
DATA QUALIFIER: A symbol or letter to denote additional information about the result.
DOH#: Department assigned analyte number.
MCL (Maximum Contamination Level): Highlight result if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health
LAB COMMENTS:



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Trihalomethane Test Panel (TTHM)
Distribution System - Report of Analysis

TRICHALOMETHANE ANALYSIS	System Group Type: (circle one) A B Other:
Water System ID Number: 02356W	System Name: Prairie Ridge 605
Source: S92 (distribution samples)	County: Thurston
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 08-08-2024 Date Analyzed: 08-10-2024 Date Reported: 08-30-2024 Supervisor Initials: 
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list sources in "Source Number" field) ☐ C - Composite (list sources in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☐ Pre-treatment/Untreated (Raw) ☒ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Rich Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

TRIHALOMETHANE ANALYSIS (cont.)

(DOH #) Analyte	(0027) Chloroform (µg/L)	(0028) Bromodichloromethane (µg/L)	(0029) Dibromochloromethane (µg/L)	(0030) Bromoform (µg/L)	(0416) TTHM (µg/L)
SDRL	0.50	0.50	0.50	0.50	--
MCL	--	--	--	--	80**

Method/Initials: 524.2 / RL

Lab Number/ Sample Number (__/____)	Date Collected	Sample Location:	Chloroform (µg/L)	Bromodichloromethane (µg/L)	Dibromochloromethane (µg/L)	Bromoform (µg/L)	TTHM (µg/L)
089 / 06440	08-08-2024	MRT - 3839 Legacy DR	ND	ND	ND	ND	ND

DATA QUALIFIER - Note data qualifiers next to the individual result. Note the definition of the qualifier here:

NOTES:

* Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

-- No existing value.

µg/L: micrograms per liter or parts per billion.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

MCL (Maximum Contamination Level): Highlight result if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

LAB COMMENTS

Chemistry - Report of Analysis

Date Collected: 09-10-2025	System Group Type: (circle one) A B Other
Water System ID Number: 02356W	System Name: Prairie Ridge 605
Lab Number / Sample Number: 089 / 07397	County: Thurston
Sample Location: Dist Tap	Source Number(s): (list all sources if blended or composited) S03
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 09-10-2025 Date Reported: 09-24-2025 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☐ Pre-treatment/Untreated (Raw) ☒ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Rich Phone Number: 360-357-8783 x 125
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0004	Arsenic	--	<0.0010	0.001	0.010	0.010	mg/L	No	09-12-2025	200.8/JMB
0005	Barium	--	<0.10	0.1	2	2	mg/L	No	09-12-2025	200.8/JMB
0006	Cadmium	--	<0.0010	0.001	0.005	0.005	mg/L	No	09-12-2025	200.8/JMB
0007	Chromium	--	<0.0070	0.007	0.1	0.1	mg/L	No	09-12-2025	200.8/JMB
0011	Mercury	--	<0.00020	0.0002	0.002	0.002	mg/L	No	09-12-2025	200.8/JMB
0012	Selenium	--	<0.0020	0.002	0.05	0.05	mg/L	No	09-12-2025	200.8/JMB
0110	Beryllium	--	<0.00030	0.0003	0.004	0.004	mg/L	No	09-12-2025	200.8/JMB
0111	Nickel	--	<0.0050	0.005	--	--	mg/L	--	09-12-2025	200.8/JMB
0112	Antimony	--	<0.0030	0.003	0.006	0.006	mg/L	No	09-12-2025	200.8/JMB
0113	Thallium	--	<0.0010	0.001	0.002	0.002	mg/L	No	09-12-2025	200.8/JMB
0116	Free Cyanide	--	<0.05	0.05	0.2	0.2	mg/L	No	09-16-2025	4500CNF/HL
0019	Fluoride	--	<0.20	0.2	2.0	4.0	mg/L	No	09-10-2025	300.0/HL
0114	Nitrite - N	--	<0.10	0.1	0.5	1.0	mg/L	No	09-10-2025	300.0/HL
0020	Nitrate - N	--	3.20	0.5	5.0	10.0	mg/L	No	09-10-2025	300.0/HL

Lab Number / Sample Number: 089 / 07397

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0161	Total Nitrate/Nitrite - N	--	3.20	0.5	5.0	10.0	mg/L	No	09-10-2025	300.0/HL
0008	Iron	--	<0.10	0.1	--	0.3	mg/L	No	09-19-2025	3111B/JMB
0010	Manganese	--	<0.010	0.01	--	0.05	mg/L	No	09-12-2025	200.8/JMB
0013	Silver	--	<0.01	0.1	--	0.1	mg/L	No	09-12-2025	200.8/JMB
0021	Chloride	--	6.5	2	--	250	mg/L	No	09-10-2025	300.0/HL
0022	Sulfate	--	10.8	2	--	250	mg/L	No	09-10-2025	300.0/HL
0024	Zinc	--	<0.20	0.2	--	5	mg/L	No	09-12-2025	200.8/JMB
0014	Sodium	--	8.9	5	--	--	mg/L	--	09-18-2025	3111B/JMB
0015	Hardness	--	89.0	10	--	--	mg/L	--	09-16-2025	2340C/HL
0016	Conductivity	--	178.9	70	--	700	µmhos/cm	No	09-10-2025	2510B/HL
0017	Turbidity	--	<0.10	0.1	--	--	NTU	--	09-10-2025	2130B/HL
0018	Color	--	<5.0	15	--	15	color units	No	09-10-2025	2120B/HL
0009	Lead	--	<0.0010	0.001	--	--	mg/L	--	09-12-2025	200.8/JMB
0023	Copper	--	<0.020	0.02	--	--	mg/L	--	09-12-2025	200.8/JMB

NOTES:

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

-- No existing value.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

mg/L: milligrams per liter or parts per million.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

LAB COMMENTS

Lead and Copper Distribution System - Report of Analyses

Lead and Copper Analysis (LCR)	System Group Type: (circle one) (A) B Other:
Water System ID Number: 02356W	System Name: Prairie Ridge 605
Source: S93 (standing distribution samples)	County: Thurston
	Consecutive System? YES NO
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 09-22-2025 Date Analyzed: 09-23-2025 Date Reported: 09-30-2025 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list sources in "Source Number" field) ☐ C - Composite (list sources in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☐ Pre-treatment/Untreated (Raw) ☒ Post-treatment (Finished) ☐ Unknown or Other Contact Name: Kim Gubbe Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

(DOH #) Analyte	(0009) Lead	(0023) Copper
State Detection Reporting Level (SDRL) (mg/L)	0.001	0.02
Regulatory Action Level (mg/L)**	0.015	1.3
Analytical Method / Analyst's Initials	200.8/JMB	200.8/JMB

Lab Number / Sample Number ____/____	Date Collected	Sample Location:	Lead (mg/L)	Copper (mg/L)
089 / 07956	09-20-2025	4527 Marvin Rd NE	0.0012	0.560
089 / 07957	09-21-2025	7221 44th Ave NE	0.0021	0.589
089 / 07958	09-20-2025	7206 Prairie Ridge Dr NE	0.0056	0.724
089 / 07959	09-19-2025	7218 Prairie Ridge Dr NE	0.0013	0.534
089 / 07960	09-20-2025	7233 Prairie Ridge Dr NE	0.0037	0.464

NOTES:

**Regulatory Action Level for schools and daycare facilities is 0.020 mg/L for Lead

*Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

mg/L: milligrams per liter or parts per million

Regulatory Action level: The concentraion against which the 90th percentile of all distribution samples collected during the monitoring period that, if exceeded, signals the system is in violation.

SDRL (State Detection Reporting Level): The minimum reporting level established by the department.

LAB COMMENTS AND DATA QUALIFIER-Note data qualifiers next to the individual result. Note the definition of the qualifiers here:



Eaton Analytical

750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 / Tel: 626-386-1100 / Lab ID No. - C838

Per- and Polyfluoroalkyl Substances (PFAS) By EPA Method 533

Report of Analysis

PTAB offered
Prairie Ridge
2022

Date Collected: 01/09/22	System Group Type: (circle one) ☒ A ☐ B ☐ Other
Water System ID Number: 02356	System Name: PRAIRIE RIDGE
Lab Number / Sample Number: 094-10477	County: THURSTON
Sample Location: DT PH	Source Number(s): (list all sources if blended or composited) S03
Sample Purpose: (check appropriate box) ☒ RC- Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 01/11/22 Date Analyzed: 1/15/2022 Date Reported: 01/26/22 COMMENTS: EEA Folder:979575 System is untreated
Sample Composition: (check appropriate box) ☐ S - Single Source ☒ B - Blended (list source numbers in "Source Numbers" field) ☐ C - Composite (list source numbers in "Source Numbers" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: (name) KIRK GIETZ Phone Number: _____
Send Report to: Washington State DOH Office of Drinking Water/Data Entry P.O. Box 47822 Olympia, WA 98504-7822	Bill to: (client name) Washington Department of Health 16201 E. Indiana Ave. Ste. 1500 Spokane Valley, WA 99216

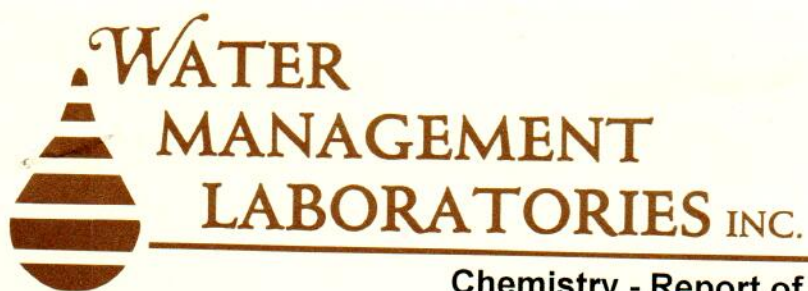
REQUIRED ANALYTICAL RESULTS

DOH #	CONTAMINANT	DATA QUALIFIER	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ INITIALS
0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		533 / KAM
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		533 / KAM
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		533 / KAM
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		533 / KAM
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		533 / KAM
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		533 / KAM
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		533 / KAM
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		533 / KAM
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		533 / KAM
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		533 / KAM
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		533 / KAM
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		ND	2	n/a	ng/L		533 / KAM
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		533 / KAM
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		ND	2	n/a	ng/L		533 / KAM
0450	(4:2FTS) 1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid		ND	2	n/a	ng/L		533 / KAM
0451	(6:2FTS) 1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid		ND	2	n/a	ng/L		533 / KAM

REQUIRED ANALYTICAL RESULTS

DOH #	CONTAMINANT	DATA QUALIFIER	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ INITIALS
0452	(8:2FTS)1H,1H, 2H, 2H-Perfluorodecane sulfonic acid		ND	2	n/a	ng/L		533 / KAM
0453	(NFDHA)Nonafluoro-3,6-dioxaheptanoic acid		ND	2	n/a	ng/L		533 / KAM
0454	(PFBA)Perfluorobutanoic acid		ND	2	n/a	ng/L		533 / KAM
0455	(PFHpS)Perfluoroheptanesulfonic acid		ND	2	n/a	ng/L		533 / KAM
0456	(PFMBA)Perfluoro-4-methoxybutanoic acid		ND	2	n/a	ng/L		533 / KAM
0457	(PFMPA)Perfluoro-3-methoxypropanoic acid		ND	2	n/a	ng/L		533 / KAM
0458	(PFPeA)Perfluoropentanoic acid		ND	2	n/a	ng/L		533 / KAM
0459	(PFPeS)Perfluoropentanesulfonic acid		ND	2	n/a	ng/L		533 / KAM
0460	(PFEEA)Perfluoro(2-ethoxyethane)sulfonic acid		ND	2	n/a	ng/L		533 / KAM

Qualifier Definitions



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Chemistry - Report of Analysis

Date Collected: 06-09-2021	System Group Type: (circle one) (A) B Other
Water System ID Number: 31845T	System Name: Hawk Acres 607
Lab Number / Sample Number: 089 / 03160	County: Thurston
Sample Location: Well Tap	Source Number(s): (list all sources if blended or composited) S02
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 06-09-2021 Date Reported: 06-29-2021 Supervisor Initials: <i>amb</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0004	Arsenic	--	<0.0010	0.001	0.010	0.010	mg/L	No	06-11-2021	200.8/JMB
0005	Barium	--	<0.10	0.1	2	2	mg/L	No	06-11-2021	200.8/JMB
0006	Cadmium	--	<0.0010	0.001	0.005	0.005	mg/L	No	06-11-2021	200.8/JMB
0007	Chromium	--	<0.0070	0.007	0.1	0.1	mg/L	No	06-11-2021	200.8/JMB
0011	Mercury	--	<0.00020	0.0002	0.002	0.002	mg/L	No	06-11-2021	200.8/JMB
0012	Selenium	--	<0.0020	0.002	0.05	0.05	mg/L	No	06-11-2021	200.8/JMB
0110	Beryllium	--	<0.00030	0.0003	0.004	0.004	mg/L	No	06-11-2021	200.8/JMB
0111	Nickel	--	<0.0050	0.005	--	--	mg/L	--	06-11-2021	200.8/JMB
0112	Antimony	--	<0.0030	0.003	0.006	0.006	mg/L	No	06-11-2021	200.8/JMB
0113	Thallium	--	<0.0010	0.001	0.002	0.002	mg/L	No	06-11-2021	200.8/JMB
0116	Free Cyanide	--	<0.05	0.05	0.2	0.2	mg/L	No	06-10-2021	4500CNF/EW
0019	Fluoride	--	<0.20	0.2	2.0	4.0	mg/L	No	06-09-2021	300.0/EW
0114	Nitrite - N	--	<0.10	0.1	0.5	1.0	mg/L	No	06-09-2021	300.0/EW
0020	Nitrate - N	--	1.55	0.5	5.0	10.0	mg/L	No	06-09-2021	300.0/EW

Lab Number / Sample Number: 089 / 03160

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0161	Total Nitrate/Nitrite - N	--	1.55	0.5	5.0	10.0	mg/L	No	06-09-2021	300.0/EW
0008	Iron	--	<0.10	0.1	--	0.3	mg/L	No	06-11-2021	3111B/JMB
0010	Manganese	--	<0.010	0.01	--	0.05	mg/L	No	06-11-2021	200.8/JMB
0013	Silver	--	<0.01	0.1	--	0.1	mg/L	No	06-11-2021	200.8/JMB
0021	Chloride	--	4.3	20	--	250	mg/L	No	06-09-2021	300.0/EW
0022	Sulfate	--	7.1	50	--	250	mg/L	No	06-09-2021	300.0/EW
0024	Zinc	--	<0.20	0.2	--	5	mg/L	No	06-11-2021	200.8/JMB
0014	Sodium	--	6.3	5	--	--	mg/L	--	06-11-2021	3111B/JMB
0015	Hardness	--	76.0	10	--	--	mg/L	--	06-10-2021	2340C/SS
0016	Conductivity	--	162.9	70	--	700	µmhos/cm	No	06-10-2021	2510B/EW
0017	Turbidity	--	0.31	0.1	--	--	NTU	--	06-10-2021	2130B/EW
0018	Color	--	<5.0	15	--	15	color units	No	06-10-2021	2120B/EW
0009	Lead	--	<0.0010	0.001	--	--	mg/L	--	06-11-2021	200.8/JMB
0023	Copper	--	<0.020	0.02	--	--	mg/L	--	06-11-2021	200.8/JMB

NOTES:

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.
 -- No existing value.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

mg/L: milligrams per liter or parts per million.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

LAB COMMENTS

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Client: Hawk Acres
Address: 1515 80th St E
Tacoma, WA 98404
Attn: Water Management

Work Order: MCG0663
Project: 08993476/08993477
Reported: 10/14/2022 12:54

Analytical Results Report

System ID# 31845T System Name: Hawk Acres
Reference Number: MCG0663-01 Collect Date: 06/14/22 12:10 DOH Source #: 01
Multiple Source Nos: Sample Type: PT/R County: Thurston
Date Received: 07/07/22 12:12 Sample Purpose: RC - Routine/Compliance Sample
Sample Location: 08993476 (Well Tap)
Matrix: Drinking Water

Lab/Sample Number: 112-66301

Radionuclides

DOH #	Analyte	Result	Units	LRL	SDRL	Trigger	MCL	Analyzed	Analyst	Method	Qualifier
0165	Gross alpha	<3.00 ± 0.736	pCi/L	3.00 MDA:3.00	3		15	9/12/22 16:19	BA	EPA 900.0	U
0166	Radium 228	0.744 ± 0.328	pCi/L	1.00 MDA:0.186	1		5	8/22/22 17:10	BA	EPA 904.0	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Client: Hawk Acres
Address: 1515 80th St E
Tacoma, WA 98404
Attn: Water Management

Work Order: MCG0663
Project: 08993476/08993477
Reported: 10/14/2022 12:54

Analytical Results Report

System ID# 31845T System Name: Hawk Acres
Reference Number: MCG0663-02 Collect Date: 06/14/22 12:20 DOH Source #: 02
Multiple Source Nos: Sample Type: PT/R County: Thurston
Date Received: 07/07/22 12:12 Sample Purpose: RC - Routine/Compliance Sample
Sample Location: 08993477 (Well Tap)
Matrix: Drinking Water

Lab/Sample Number: 112-66302

Radionuclides

DOH #	Analyte	Result	Units	LRL	SDRL	Trigger	MCL	Analyzed	Analyst	Method	Qualifier
0165	Gross alpha	<3.00 ± 0.554	pCi/L	3.00 MDA:3.00	3		15	9/12/22 17:22	BA	EPA 900.0	U
0166	Radium 228	<0.203 ± 0.32	pCi/L	1.00 MDA:0.203	1		5	8/25/22 19:15	BA	EPA 904.0	U

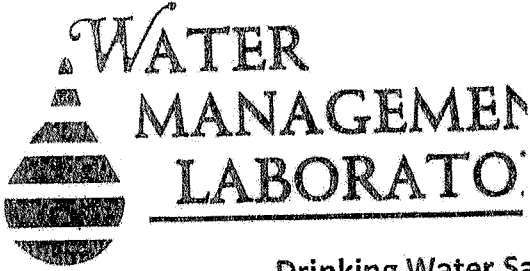
Authorized Signature,



Justin Doty For Todd Taruscio, Laboratory Manager

R16 The RPD calculation for QC samples does not include the activity uncertainty. If included in the calculation, the RPD is within method acceptance limits.
U Compound was analyzed for but not detected
LRL Lab Reporting Limit
SDRL State Detection Reporting Limit
ND Not Detected
MCL EPA's Maximum Contaminant Level
Dry Sample results reported on a dry weight basis
SAL State Action Level
* Not a certified analyte
RPD Relative Percent Difference
%REC Percent Recovery
Source Sample that was spiked or duplicated.

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.



MCG0663



Due: 07/21/22

08993477

1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Drinking Water Sample Information (WSI) for Chemical Analysis

Lab Use Only B: _____ Date Received: 6/14/22 Time Received: 2:05 AM (PM) Initials: LMDType of System: Group: ☒ A _____ B _____ Other: RE _____ PVT _____ County: ThurstonSample Purpose: ☒ Routine / Compliance (RC) _____ Confirmation (C) _____ Investigative (I) _____ Other (O)System Name: HAWK ACRES 607System ID#: 318451 DOH Source #: S02 Multiple Source #'s: _____

Utility's Name for Source: _____

Source Type: ☒ Well or Wellfield _____ Spring _____ Surface _____ Purchased or Intertie
_____ Combination/Other _____ Ground Water Under Surface InfluenceSample Composition: ☒ Single Source (S) _____ Blended (B) _____ Composite (C) _____ Distribution Sample (D)Sample Type: ☒ Pre-Treatment/Untreated (Raw) _____ Post-Treatment (Finished) _____ Unknown or OtherTreatment Type: ☒ None _____ Chlorination _____ Fluoridation _____ Filtration _____ Aeration
_____ Water Softener, Type: _____ Other: _____Specific Location Sample was Taken: WELL TAPDate Collected: 6/14/22 Time Collected: 12:20 AM (PM)Collected by: KLRK Telephone: (360) 1357 - 8783 x 125

Send Results + Bill to: _____

Company: _____ Water Management Laboratories KIM GUTBE

Contact: _____ 1515 80th Street E

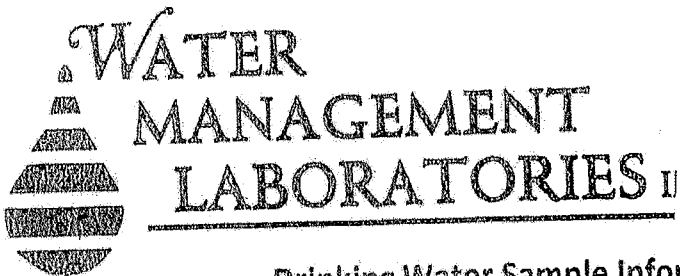
Address: _____ Tacoma, WA 98404

Phone: _____

Email: _____

Inorganics	Miscellaneous	Individual Analytes		Organics
Full Chem 28	Alkalinity	Antimony (Sb)	Lead (Pb)	VOC (524.2) ☒
Pierce County Req	Calcium (Ca)	Arsenic (As)	Manganese (Mn)	TTHM (524.2)
Lewis County Req	Magnesium (Mg)	Barium (Ba)	Mercury (Hg)	Max. THMP (524.2)
King County Req	pH	Beryllium (Be)	Nickel (Ni)	BTEX (524.2)
Kitsap County Req	Silica	Cadmium (Cd)	Nitrate (NO ₃) ☒	HAA (552.2)
Thurston County Req	Tannin-Lignin	Chloride (Cl)	Nitrite (NO ₂)	
Mark Requested Analysis Box to the Right Other (List Below): <u>GA / RAD</u> _____ _____ _____ _____		Chromium (Cr)	Selenium (Se)	SOC's
		Color	Silver (Ag)	Carbamates (531.1)
		Conductivity	Sodium (Na)	Herbicides (515.1)
		Copper (Cu)	Sulfate (SO ₄)	Pesticides (525.2)
		Cyanide (CN)	Thallium (Tl)	EDB/DBCP (504)
		Fluoride (F)	Total Dissolved Solids	PCB's (508)
		Hardness	Turbidity	
		Iron (Fe)	Zinc (Zn)	

Comments: _____



MCG0663



Due: 07/21/22

1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

08993476

Drinking Water Sample Information (WSD) Analysis

Lab Use Only B: _____ Date Received: 6/14/22 Time Received: 2:05 AM (PM) Initials: WMP

Type of System: Group: ☒ A ☐ B Other: RE ☐ PVT ☐ County: ThurstonSample Purpose: ☒ Routine / Compliance (RC) ☐ Confirmation (C) ☐ Investigative (I) ☐ Other (O)System Name: HAWK ACRES 607System ID#: 31845T DOH Source #: S01 Multiple Source #'s: _____Utility's Name for Source: 01Source Type: ☒ Well or Wellfield ☐ Spring ☐ Surface ☐ Purchased or Intertie
☐ Combination/Other ☐ Ground Water Under Surface InfluenceSample Composition: ☒ Single Source (S) ☐ Blended (B) ☐ Composite (C) ☐ Distribution Sample (D)Sample Type: ☒ Pre-Treatment/Untreated (Raw) ☐ Post-Treatment (Finished) ☐ Unknown or OtherTreatment Type: ☒ None ☐ Chlorination ☐ Fluoridation ☐ Filtration ☐ Aeration
☐ Water Softener, Type: _____ Other: _____Specific Location Sample was Taken: WELL TAPDate Collected: 6/14/22Time Collected: 12:10 AM (PM)Collected by: KirkTelephone: (360) 357-8783 x 125

Send Results + Bill to:

Company: ☐ Water Management LaboratoriesContact: ☐ 1515 80th Street EAddress: ☐ Tacoma, WA 98404

Phone: _____

Email: _____

KIM GUBBE

Remarks: _____

Inorganics	Miscellaneous	Individual Analytes		Organics
Full Chem 28	Alkalinity	Antimony (Sb)	Lead (Pb)	VOC (524.2) ☒
Pierce County Req	Calcium (Ca)	Arsenic (As)	Manganese (Mn)	TTHM (524.2)
Lewis County Req	Magnesium (Mg)	Barium (Ba)	Mercury (Hg)	Max. THMP (524.2)
King County Req	pH	Beryllium (Be)	Nickel (Ni)	BTEX (524.2)
Kitsap County Req	Silica	Cadmium (Cd)	Nitrate (NO ₃) ☒	HAA (552.2)
Thurston County Req	Tannin-Lignin	Chloride (Cl)	Nitrite (NO ₂)	
Mark Requested Analysis Box to the Right Other (List Below): <u>GA/RAD</u> _____ _____ _____ _____		Chromium (Cr)	Selenium (Se)	SOC's
		Color	Silver (Ag)	Carbamates (531.1)
		Conductivity	Sodium (Na)	Herbicides (515.1)
		Copper (Cu)	Sulfate (SO ₄)	Pesticides (525.2)
		Cyanide (CN)	Thallium (Tl)	EDB/DBCP (504)
		Fluoride (F)	Total Dissolved Solids	PCB's (508)
		Hardness	Turbidity	
		Iron (Fe)	Zinc (Zn)	

Comments: _____

Proper Credit, Please Complete Entire Form

Account #: _____

Page 4 of 6

MCG0663



Due: 07/21/22

Sample #	Sample Type	Date Sampled	Time Sampled	Sampled By	Sample Description	PH	Temp	Conductivity
1	X	6-14-22	9:00am	MARCUS VAND	TIMBERLAKE WRMH COMMUNITY CLUB	X		08993473
2	X	6-13-22	9:30am	WML Chad Garrettson	MUKENNA WATER DIST 9514 350th S&T S	X		08993474
3	X	6-13-22	12:40pm	B. EISEL	Seashore Villa MHP	X		08993475
4	X	6-14-22	12:10pm	Kirk	HAWK ACRES 607 WELL TAP	X		08993476
5	X	6-14-22	12:10pm	Kirk	HAWK ACRES 607 WELL TAP	X		08993477
6	X	6-14-22	2:05pm	Kirk	Giffords 685 DT PT	X		08993478
7	X	6-14-22	2:35pm	J. Britsis	Olympic View 502 PH HB (post water)	X		08993479
8	X	6-14-22	2:50pm	J. Britsis	Olympic View 504 PH HB (post water)	X		08993480
9	X	6-15-22	11:05am	Jennifer Ramsey	Sandy Hook 503 Sample tap	X		08993481
10	X	6-15-22	11:10am	Jennifer Ramsey	Sandy Hook 504 sample tap	X		08993482

Report to: Christa Garrettson

Phone #: 253-531-3121

Email: chem@watermanagementlabs.com

Remarks:

Company Name: Water Management Labs, Inc

Company Address: 1515 86th Street E

Tacoma WA 98404

Printed Name	Signature	Company	Date / Time
Nancy DeBocher		WML	7-5-22 2:00pm
ER		Anatell	7/7/22 12:12
Relinquished by:			
Received by:			
Relinquished by:			
Received by:			

MCG0663



Due: 07/21/22



Anatek Labs, Inc.

Sample Receipt and Preservation Form

Client Name: Water ManagementTAT: Normal RUSH: _____ daysSamples Received From: FedEx UPS USPS Client Courier Other: _____Custody Seal on Cooler/Box: Yes No Custody Seals Intact: Yes No N/ANumber of Coolers/Boxes: 3 Type of Ice: Wet Ice Ice Packs Dry Ice NonePacking Material: Bubble Wrap Bags Foam/Peanuts Paper None Other: _____Cooler Temp As Read (°C): 17.3C Cooler Temp Corrected (°C): _____ Thermometer Used: _____

Comments:

Samples Received Intact?	<u>Yes</u>	No	N/A
Chain of Custody Present?	<u>Yes</u>	No	N/A
Samples Received Within Hold Time?	<u>Yes</u>	No	N/A
Samples Properly Preserved?	<u>Yes</u>	No	N/A
VOC Vials Free of Headspace (<6mm)?	Yes	No	<u>N/A</u>
VOC Trip Blanks Present?	Yes	No	<u>N/A</u>
Labels and Chains Agree?	<u>Yes</u>	No	N/A
Total Number of Sample Bottles Received:	<u>2</u>		

Chain of Custody Fully Completed?	<u>Yes</u>	No	N/A
Correct Containers Received?	<u>Yes</u>	No	N/A
Anatek Bottles Used?	<u>Yes</u>	No	Unknown

Record preservatives (and lot numbers, if known) for containers below:

HNO3 - CROCE A - PIL
HNO3 - Rad 228 - PIL

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: EL Date/Time: 7/1/22



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Volatile Organic Compounds Report of Analysis

Date Collected: 06-14-2022	System Group Type: (circle one) (A) B Other
Water System ID Number: 31845T	System Name: Hawk Acres 607
Lab Number / Sample Number: 089 / 03378	County: Thurston
Sample Location: Well Tap	Source Number(s): (list all sources if blended or composited) S01
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 06-14-2022 Date Analyzed: 06-20-2022 Date Reported: 06-27-2022 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0045	Vinyl chloride	--	ND	0.5	0.5	2	µg/L	No	524.2/RL
0046	1,1- Dichloroethylene	--	ND	0.5	0.5	7	µg/L	No	524.2/RL
0047	1,1,1 Trichloroethane	--	ND	0.5	0.5	200	µg/L	No	524.2/RL
0048	Carbon tetrachloride	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0049	Benzene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0050	1,2 Dichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0051	Trichloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0052	Para-dichlorobenzene	--	ND	0.5	0.5	75	µg/L	No	524.2/RL
0056	Dichloromethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0057	trans-1,2-Dichloroethylene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0060	cis- 1,2-Dichloroethylene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0063	1,2- Dichloropropane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0066	Toluene	--	ND	0.5	0.5	1000	µg/L	No	524.2/RL
0067	1,1,2-Trichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0068	Tetrachloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0071	Monochlorobenzene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0073	Ethylbenzene	--	ND	0.5	0.5	700	µg/L	No	524.2/RL
0076	Styrene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0084	Ortho-Dichlorobenzene	--	ND	0.5	0.5	600	µg/L	No	524.2/RL
0095	1,2,4- Trichlorobenzene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0160	Total Xylenes	--	ND	0.5	0.5	10000	µg/L	No	524.2/RL
0074	m/p Xylenes (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0075	o- Xylene (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0027	Chloroform	--	ND	0.5	--	--	µg/L	--	524.2/RL

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0028	Bromodichloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0029	Dibromochloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0030	Bromoform	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0031	Total Trihalomethanes	--	ND	--	--	80	µg/L	No	524.2/RL
0053	Chloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0054	Bromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0058	1,1 Dichloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0072	1,1,1,2-Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0078	Bromobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0079	1,2,3- Trichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0081	O-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0085	Trichlorofluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0086	Bromochloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0089	1,3,5- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0091	1,2,4- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0092	sec- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0093	p- Isopropyltoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0094	n- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0096	Naphthalene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0104	Dichlorodifluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0154	1,3 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0062	1,1 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0064	Dibromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0070	1,3- Dichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0080	1,1,2,2 Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0082	P-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0083	m- Dichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0087	Isopropylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0088	n- Propylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0090	tert- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0097	Hexachlorobutadiene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0098	1,2,3 Trichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0427	EDB (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0428	DBCP (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
N/A	MTBE	--	ND	0.5	0.5	--	µg/L	--	524.2/RL

Lab Number / Sample Number: 089 / 03378

Volatile Organic Compounds (cont)

LAB COMMENTS

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

Analysis for EDB and DBCP is screening only. Detections of EDB and DBCP are confirmed using the fumigant test panel.

--No existing value.

µg/L: micrograms per liter or parts per billion.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Volatile Organic Compounds Report of Analysis

Date Collected: 06-14-2022	System Group Type: (circle one) (A) B Other
Water System ID Number: 31845T	System Name: Hawk Acres 607
Lab Number / Sample Number: 089 / 03377	County: Thurston
Sample Location: Well Tap	Source Number(s): (list all sources if blended or composited) S02
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 06-14-2022 Date Analyzed: 06-20-2022 Date Reported: 06-27-2022 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0045	Vinyl chloride	--	ND	0.5	0.5	2	µg/L	No	524.2/RL
0046	1,1- Dichloroethylene	--	ND	0.5	0.5	7	µg/L	No	524.2/RL
0047	1,1,1 Trichloroethane	--	ND	0.5	0.5	200	µg/L	No	524.2/RL
0048	Carbon tetrachloride	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0049	Benzene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0050	1,2 Dichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0051	Trichloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0052	Para-dichlorobenzene	--	ND	0.5	0.5	75	µg/L	No	524.2/RL
0056	Dichloromethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0057	trans-1,2-Dichloroethylene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0060	cis- 1,2-Dichloroethylene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0063	1,2- Dichloropropane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0066	Toluene	--	ND	0.5	0.5	1000	µg/L	No	524.2/RL
0067	1,1,2-Trichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0068	Tetrachloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0071	Monochlorobenzene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0073	Ethylbenzene	--	ND	0.5	0.5	700	µg/L	No	524.2/RL
0076	Styrene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0084	Ortho-Dichlorobenzene	--	ND	0.5	0.5	600	µg/L	No	524.2/RL
0095	1,2,4- Trichlorobenzene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0160	Total Xylenes	--	ND	0.5	0.5	10000	µg/L	No	524.2/RL
0074	m/p Xylenes (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0075	o- Xylene (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0027	Chloroform	--	ND	0.5	--	--	µg/L	--	524.2/RL

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0028	Bromodichloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0029	Dibromochloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0030	Bromoform	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0031	Total Trihalomethanes	--	ND	--	--	80	µg/L	No	524.2/RL
0053	Chloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0054	Bromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0058	1,1 Dichloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0072	1,1,1,2-Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0078	Bromobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0079	1,2,3- Trichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0081	O-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0085	Trichlorofluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0086	Bromochloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0089	1,3,5- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0091	1,2,4- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0092	sec- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0093	p- Isopropyltoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0094	n- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0096	Naphthalene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0104	Dichlorodifluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0154	1,3 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0062	1,1 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0064	Dibromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0070	1,3- Dichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0080	1,1,2,2 Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0082	P-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0083	m- Dichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0087	Isopropylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0088	n- Propylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0090	tert- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0097	Hexachlorobutadiene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0098	1,2,3 Trichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0427	EDB (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0428	DBCP (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
N/A	MTBE	--	ND	0.5	0.5	--	µg/L	--	524.2/RL

Lab Number / Sample Number: 089 / 03377

Volatile Organic Compounds (cont)

LAB COMMENTS

*** Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

Analysis for EDB and DBCP is screening only. Detections of EDB and DBCP are confirmed using the fumigant test panel.

--No existing value.

µg/L: micrograms per liter or parts per billion.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

Lead and Copper

Distribution System - Report of Analyses

Lead and Copper Analysis (LCR)	System Group Type: (circle one) (A) B Other:
Water System ID Number: 31845T	System Name: Hawk Acres 607
Source: S93 (standing distribution samples)	County: Thurston
	Consecutive System? YES NO
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 06-16-2025 Date Analyzed: 06-23-2025 Date Reported: 06-27-2025 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list sources in "Source Number" field) ☐ C - Composite (list sources in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Contact Name: Kim Gubbe Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

(DOH #) Analyte	(0009) Lead	(0023) Copper
State Detection Reporting Level (SDRL) (mg/L)	0.001	0.02
Regulatory Action Level (mg/L)**	0.015	1.3
Analytical Method / Analyst's Initials	200.8/JMB	200.8/JMB

Lab Number / Sample Number ____ / _____	Date Collected	Sample Location:	Lead (mg/L)	Copper (mg/L)
089 / 03932	06-16-2025	3821 Marvin Rd NE	0.0088	0.385
089 / 03933	06-16-2025	6729 Condor Lp SE	0.0013	0.108
089 / 03934	06-16-2025	6745 Condor Lp NE	<0.0010	<0.020
089 / 03935	06-16-2025	7224 40th Ct NE	<0.0010	0.099
089 / 03936	06-16-2025	7232 40th Ct NE	<0.0010	0.330
089 / 03937	06-16-2025	7409 40th Ct NE	<0.0010	0.150

NOTES:

Regulatory Action Level for schools and daycare facilities is 0.020 mg/L for Lead

Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

mg/L: milligrams per liter or parts per million

Regulatory Action level: The concentration against which the 90th percentile of all distribution samples collected during the monitoring period that, if exceeded, signals the system is in violation.

DRL (State Detection Reporting Level): The minimum reporting level established by the department.

AB COMMENTS AND DATA QUALIFIER: Note data qualifiers next to the individual result. Note the definition of the qualifiers here:

ANALYTICAL REPORT

PREPARED FOR

Attn: Kim Gubbe
Thurston Public Utility Distric No. 1
1230 Ruddell Rd SE
Lacey, Washington 98503

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JOB DESCRIPTION

31845
HAWK ACRES

JOB NUMBER

380-159005-1

Eurofins Eaton Analytical Pomona

Job Notes

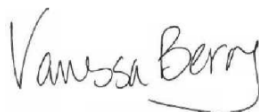
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.
(DW, Water matrices)

Authorization



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Authorized for release by
Vanessa Berry, Project Manager
Vanessa.Berry@et.eurofinsus.com
(626)386-1100

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Definitions/Glossary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Per- and Polyfluoroalkyl Substances (PFAS) By EPA Method 533

Report of Analysis

Date Collected: (MM/DD/YY) 07/06/25	System Group Type: (circle one) ☒ A ☐ B Other:
Water System ID Number: 31845	System Name: Hawk Acres 607
Lab Number / Sample Number: 094 / 90051	County: Thurston
Sample Location: #1 Tap AGN 780	Source Number(s): (list all sources if blended or composited) S01
<u>Sample Purpose: (check appropriate box)</u> ☒ RC - Routine Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: (MM/DD/YY) 07/08/25 Date Analyzed: (MM/DD/YY) 07/09/25 Date Reported: (MM/DD/YY) 07/09/25 COMMENTS: EEA 380-159005
<u>Sample Composition: (check appropriate box)</u> ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Numbers" field) ☐ C - Composite (list source numbers in "Source Numbers" field) ☐ D - Distribution Sample	<u>Sample Type: (check one)</u> ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: (name) Kirk Gietz Phone Number: 360 239 7172
Send Report to: Washington State DOH Office of Drinking Water/Data Entry, PO Box 47822 Olympia, WA 98504-7822	Bill to: (client name) Washington State DOH 243 Israel Rd SE Tumwater, WA 98504-7822

REQUIRED ANALYTICAL RESULTS

DOH #	CONTAMINANT	DATA QUALIFIER	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ INITIALS
0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		533 / Y5FM
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		533 / Y5FM
0431	(PFHxS) Perfluorhexanesulfonic acid		ND	2	65	ng/L		533 / Y5FM
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		533 / Y5FM
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		533 / Y5FM
0430	(PFHpA) Perfluorheptanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0435	(PFHxA) Perfluorhexanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		533 / Y5FM
0448	(11CI-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0450	(4:2FTS)1H,1H, 2H, 2H-Perfluorohexane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0451	(6:2FTS)1H,1H, 2H, 2H-Perfluorooctane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0452	(8:2FTS)1H,1H, 2H, 2H-Perfluorodecane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0453	(NFDHA)Nonafluoro-3,6-dioxaheptanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0454	(PFBA)Perfluorobutanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0455	(PFHpS)Perfluoroheptanesulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0456	(PFMBA)Perfluoro-4-methoxybutanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0457	(PFMPA)Perfluoro-3-methoxypropanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0458	(PFPeA)Perfluoropentanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0459	(PFPeS)Perfluoropentanesulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0460	(PFESA)Perfluoro(2-ethoxyethane)sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM

NOTES:

*Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

**To qualify for a monitoring waiver the additional contaminants must be reported to DOH.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned contaminant number.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

ng/L: nanograms per liter or parts per trillion.

SAL (State Action Level): Means the concentration of a contaminant or group of contaminants, without an MCL, established to protect public health in accordance with WAC 246-290-315 and which, if exceeded, triggers actions a purveyor takes in accordance with WAC 246-290-320.

SDRL (State Detection Reporting Limit): The minimum reportable detection of a contaminant as established by the department.

LAB COMMENTS:

Per- and Polyfluoroalkyl Substances (PFAS) By EPA Method 533

Report of Analysis

Date Collected: (MM/DD/YY) 07/06/25	System Group Type: (circle one) ☒ A ☐ B Other:
Water System ID Number: 31845	System Name: Hawk Acres
Lab Number / Sample Number: 094 / 90053	County: Thurston
Sample Location: Well #2 AL6 212	Source Number(s): (list all sources if blended or composited) S02
<u>Sample Purpose: (check appropriate box)</u> ☒ RC - Routine Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: (MM/DD/YY) 07/08/25 Date Analyzed: (MM/DD/YY) 07/09/25 Date Reported: (MM/DD/YY) 07/09/25 COMMENTS: EEA 380-159005
<u>Sample Composition: (check appropriate box)</u> ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Numbers" field) ☐ C - Composite (list source numbers in "Source Numbers" field) ☐ D - Distribution Sample	<u>Sample Type: (check one)</u> ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: (name) Kirk Gietz Phone Number: 360 239 7172
Send Report to: Washington State DOH Office of Drinking Water/Data Entry, PO Box 47822 Olympia, WA 98504-7822	Bill to: (client name) Washington State DOH 243 Israel Rd SE Tumwater, WA 98504-7822

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0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		533 / Y5FM
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		533 / Y5FM
0431	(PFHxS) Perfluorhexanesulfonic acid		ND	2	65	ng/L		533 / Y5FM
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		533 / Y5FM
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		533 / Y5FM
0430	(PFHpA) Perfluorheptanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0435	(PFHxA) Perfluorhexanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		533 / Y5FM
0448	(11CI-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0450	(4:2FTS)1H,1H, 2H, 2H-Perfluorohexane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0451	(6:2FTS)1H,1H, 2H, 2H-Perfluorooctane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0452	(8:2FTS)1H,1H, 2H, 2H-Perfluorodecane sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0453	(NFDHA)Nonafluoro-3,6-dioxaheptanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0454	(PFBA)Perfluorobutanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0455	(PFHpS)Perfluoroheptanesulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0456	(PFMBA)Perfluoro-4-methoxybutanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0457	(PFMPA)Perfluoro-3-methoxypropanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0458	(PFPeA)Perfluoropentanoic acid		ND	2	n/a	ng/L		533 / Y5FM
0459	(PFPeS)Perfluoropentanesulfonic acid		ND	2	n/a	ng/L		533 / Y5FM
0460	(PFESA)Perfluoro(2-ethoxyethane)sulfonic acid		ND	2	n/a	ng/L		533 / Y5FM

NOTES:

*Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

**To qualify for a monitoring waiver the additional contaminants must be reported to DOH.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned contaminant number.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

ng/L: nanograms per liter or parts per trillion.

SAL (State Action Level): Means the concentration of a contaminant or group of contaminants, without an MCL, established to protect public health in accordance with WAC 246-290-315 and which, if exceeded, triggers actions a purveyor takes in accordance with WAC 246-290-320.

SDRL (State Detection Reporting Limit): The minimum reportable detection of a contaminant as established by the department.

LAB COMMENTS:

Case Narrative

Client: Thurston Public Utility Distric No. 1
Project: 31845

Job ID: 380-159005-1

Job ID: 380-159005-1

Eurofins Eaton Analytical Pomona

Job Narrative 380-159005-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/8/2025 10:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

PFAS

Method 533: The method reporting limit check (MRL) for preparation batch 380-161591 and analytical batch 380-161719 recovered outside control limits for all analytes. These analytes were biased high in the MRL. One MRL check is required per day, so samples were linked to the MRL from a batch extracted that same day.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Eaton Analytical Pomona

Detection Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #1 AGN780 6" - S01

Lab Sample ID: 380-159005-1

☐ No Detections.

Client Sample ID: WELL #2 ALG212 - S02

Lab Sample ID: 380-159005-3

☐ No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #1 AGN780 6" - S01

Lab Sample ID: 380-159005-1

Date Collected: 07/06/25 10:00

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11CI-PF3OUdS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9CI-PF3ONS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 15:53	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	87		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C6 PFDA	95		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C5 PFHxA	94		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C4 PFHpA	95		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C8 PFOA	96		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C9 PFNA	96		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C7 PFUnA	92		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C2 PFDoA	92		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C4 PFBA	95		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C5 PFPeA	97		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C3 PFBS	99		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C3 PFHxS	99		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C8 PFOS	96		50 - 200	07/08/25 18:56	07/09/25 15:53	1

Eurofins Eaton Analytical Pomona

Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #1 AGN780 6" - S01

Lab Sample ID: 380-159005-1

Date Collected: 07/06/25 10:00

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	112		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C2-6:2-FTS	106		50 - 200	07/08/25 18:56	07/09/25 15:53	1
13C2-8:2-FTS	101		50 - 200	07/08/25 18:56	07/09/25 15:53	1

Client Sample ID: WELL #2 ALG212 - S02

Lab Sample ID: 380-159005-3

Date Collected: 07/06/25 10:15

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:50	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	83		50 - 200			07/08/25 18:56	07/09/25 12:50	1
13C6 PFDA	93		50 - 200			07/08/25 18:56	07/09/25 12:50	1
13C5 PFHxA	94		50 - 200			07/08/25 18:56	07/09/25 12:50	1
13C4 PFHpA	93		50 - 200			07/08/25 18:56	07/09/25 12:50	1

Eurofins Eaton Analytical Pomona

Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #2 ALG212 - S02

Lab Sample ID: 380-159005-3

Date Collected: 07/06/25 10:15

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	91		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C9 PFNA	92		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C7 PFUnA	94		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C2 PFDoA	98		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C4 PFBA	96		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C5 PFPeA	94		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C3 PFBS	111		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C3 PFHxS	107		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C8 PFOS	106		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C2-4:2-FTS	131		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C2-6:2-FTS	120		50 - 200	07/08/25 18:56	07/09/25 12:50	1
13C2-8:2-FTS	112		50 - 200	07/08/25 18:56	07/09/25 12:50	1

Action Limit Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #1 AGN780 6" - S01

Lab Sample ID: 380-159005-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	WA SDWA	RL	Method	Prep Type
				Limit			
Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	345	2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	65	2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	ND		ng/L	9	2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	15	2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	ND		ng/L	10	2.0	533	Total/NA

Client Sample ID: WELL #2 ALG212 - S02

Lab Sample ID: 380-159005-3

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	WA SDWA	RL	Method	Prep Type
				Limit			
Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	345	2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	65	2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	ND		ng/L	9	2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	15	2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	ND		ng/L	10	2.0	533	Total/NA

Isotope Dilution Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HFPODA (50-200)	C6PFDA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	13C7PUA (50-200)	PFDaA (50-200)
380-159005-1	WELL #1 AGN780 6" - S01	87	95	94	95	96	96	92	92
380-159005-3	WELL #2 ALG212 - S02	83	93	94	93	91	92	94	98
380-159005-3 MS	WELL #2 ALG212 - S02	73	79	77	78	79	77	83	91
380-159005-3 MSD	WELL #2 ALG212 - S02	96	103	100	103	103	104	102	106
LCS 380-161591/22-A	Lab Control Sample	96	105	100	104	101	102	106	106
MBL 380-161591/20-A	Method Blank	102	104	110	109	108	107	105	107
MRL 380-161590/21-A	Lab Control Sample	95	107	105	105	108	106	107	106

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	C3PFBS (50-200)	C3PFHS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)
380-159005-1	WELL #1 AGN780 6" - S01	95	97	99	99	96	112	106	101
380-159005-3	WELL #2 ALG212 - S02	96	94	111	107	106	131	120	112
380-159005-3 MS	WELL #2 ALG212 - S02	84	85	108	108	107	133	122	114
380-159005-3 MSD	WELL #2 ALG212 - S02	101	110	108	106	105	120	123	111
LCS 380-161591/22-A	Lab Control Sample	100	103	102	101	102	109	105	101
MBL 380-161591/20-A	Method Blank	115	108	115	112	109	123	116	108
MRL 380-161590/21-A	Lab Control Sample	106	110	105	105	105	123	109	106

Surrogate Legend

HFPODA = 13C3 HFPO-DA
C6PFDA = 13C6 PFDA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
13C7PUA = 13C7 PFUnA
PFDaA = 13C2 PFDaA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
42FTS = 13C2-4:2-FTS
62FTS = 13C2-6:2-FTS
82FTS = 13C2-8:2-FTS

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MRL 380-161590/21-A

Matrix: Drinking Water

Analysis Batch: 161708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161590

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	2.01		ng/L		100	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.00	1.96	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	2.02		ng/L		101	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.08		ng/L		104	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.00	2.12		ng/L		106	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.02		ng/L		101	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.07		ng/L		103	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.15		ng/L		107	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.00	2.05		ng/L		102	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.00		ng/L		100	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.09		ng/L		104	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.00	2.24		ng/L		112	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.12		ng/L		106	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.03		ng/L		101	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.30		ng/L		115	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.00	2.21		ng/L		110	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.00	2.17		ng/L		109	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.00	2.19		ng/L		109	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	2.16		ng/L		108	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.02		ng/L		101	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.07		ng/L		103	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.00	1.99	J	ng/L		99	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.00	1.94	J	ng/L		97	50 - 150

Isotope Dilution	MRL %Recovery	MRL Qualifier	Limits
13C3 HFPO-DA	95		50 - 200
13C6 PFDA	107		50 - 200
13C5 PFHxA	105		50 - 200
13C4 PFHpA	105		50 - 200
13C8 PFOA	108		50 - 200
13C9 PFNA	106		50 - 200

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MRL 380-161590/21-A

Matrix: Drinking Water

Analysis Batch: 161708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161590

Isotope Dilution	MRL		Limits
	%Recovery	Qualifier	
13C7 PFUnA	107		50 - 200
13C2 PFDoA	106		50 - 200
13C4 PFBA	106		50 - 200
13C5 PFPeA	110		50 - 200
13C3 PFBS	105		50 - 200
13C3 PFHxS	105		50 - 200
13C8 PFOS	105		50 - 200
13C2-4:2-FTS	123		50 - 200
13C2-6:2-FTS	109		50 - 200
13C2-8:2-FTS	106		50 - 200

Lab Sample ID: MBL 380-161591/20-A

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 161591

Analyte	MBL		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 380-161591/20-A

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 161591

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/08/25 18:56	07/09/25 12:18	1
Isotope Dilution	%Recovery	MBL Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	102		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C6 PFDA	104		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C5 PFHxA	110		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C4 PFHpA	109		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C8 PFOA	108		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C9 PFNA	107		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C7 PFUnA	105		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C2 PFDoA	107		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C4 PFBA	115		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C5 PFPeA	108		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C3 PFBS	115		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C3 PFHxS	112		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C8 PFOS	109		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C2-4:2-FTS	123		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C2-6:2-FTS	116		50 - 200			07/08/25 18:56	07/09/25 12:18	1
13C2-8:2-FTS	108		50 - 200			07/08/25 18:56	07/09/25 12:18	1

Lab Sample ID: LCS 380-161591/22-A

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	120	110		ng/L		92	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	120	112		ng/L		93	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	120	110		ng/L		92	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120	114		ng/L		95	70 - 130
Perfluorobutanesulfonic acid (PFBS)	120	116		ng/L		97	70 - 130
Perfluorodecanoic acid (PFDA)	120	113		ng/L		94	70 - 130
Perfluorododecanoic acid (PFDoA)	120	111		ng/L		92	70 - 130
Perfluoroheptanoic acid (PFHpA)	120	112		ng/L		94	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	120	114		ng/L		95	70 - 130
Perfluorohexanoic acid (PFHxA)	120	118		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	120	118		ng/L		98	70 - 130
Perfluorooctanesulfonic acid (PFOS)	120	112		ng/L		93	70 - 130
Perfluorooctanoic acid (PFOA)	120	114		ng/L		95	70 - 130
Perfluoroundecanoic acid (PFUnA)	120	111		ng/L		92	70 - 130
Perfluorobutanoic acid (PFBA)	120	117		ng/L		98	70 - 130

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 380-161591/22-A

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	120	115		ng/L		96	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	120	118		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	120	112		ng/L		93	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	120	115		ng/L		96	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	120	113		ng/L		94	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	120	118		ng/L		98	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	120	110		ng/L		91	70 - 130
Perfluoropentanoic acid (PFPeA)	120	113		ng/L		94	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	120	111		ng/L		92	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	120	116		ng/L		97	70 - 130

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	96		50 - 200
13C6 PFDA	105		50 - 200
13C5 PFHxA	100		50 - 200
13C4 PFHpA	104		50 - 200
13C8 PFOA	101		50 - 200
13C9 PFNA	102		50 - 200
13C7 PFUnA	106		50 - 200
13C2 PFDoA	106		50 - 200
13C4 PFBA	100		50 - 200
13C5 PFPeA	103		50 - 200
13C3 PFBS	102		50 - 200
13C3 PFHxS	101		50 - 200
13C8 PFOS	102		50 - 200
13C2-4:2-FTS	109		50 - 200
13C2-6:2-FTS	105		50 - 200
13C2-8:2-FTS	101		50 - 200

Lab Sample ID: 380-159005-3 MS

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: WELL #2 ALG212 - S02

Prep Type: Total/NA

Prep Batch: 161591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		120	113		ng/L		94	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		120	112		ng/L		93	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		120	101		ng/L		84	70 - 130

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159005-3 MS

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: WELL #2 ALG212 - S02

Prep Type: Total/NA

Prep Batch: 161591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide	ND		120	116		ng/L		97	70 - 130
Dimer Acid (HFPO-DA)									
Perfluorobutanesulfonic acid (PFBS)	ND		120	116		ng/L		95	70 - 130
Perfluorodecanoic acid (PFDA)	ND		120	119		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	ND		120	115		ng/L		96	70 - 130
Perfluoroheptanoic acid (PFHpA)	ND		120	113		ng/L		94	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	ND		120	113		ng/L		94	70 - 130
Perfluorohexanoic acid (PFHxA)	ND		120	115		ng/L		96	70 - 130
Perfluorononanoic acid (PFNA)	ND		120	119		ng/L		99	70 - 130
Perfluorooctanesulfonic acid (PFOS)	ND		120	116		ng/L		96	70 - 130
Perfluorooctanoic acid (PFOA)	ND		120	113		ng/L		94	70 - 130
Perfluoroundecanoic acid (PFUnA)	ND		120	119		ng/L		99	70 - 130
Perfluorobutanoic acid (PFBA)	ND		120	118		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		120	109		ng/L		90	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		120	108		ng/L		90	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		120	120		ng/L		100	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		120	108		ng/L		90	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		120	113		ng/L		94	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		120	111		ng/L		92	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		120	107		ng/L		89	70 - 130
Perfluoropentanoic acid (PFPeA)	ND		120	113		ng/L		94	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	ND		120	115		ng/L		95	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	ND		120	114		ng/L		95	70 - 130

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C3 HFPO-DA	73		50 - 200
13C6 PFDA	79		50 - 200
13C5 PFHxA	77		50 - 200
13C4 PFHpA	78		50 - 200
13C8 PFOA	79		50 - 200
13C9 PFNA	77		50 - 200
13C7 PFUnA	83		50 - 200
13C2 PFDoA	91		50 - 200
13C4 PFBA	84		50 - 200
13C5 PFPeA	85		50 - 200
13C3 PFBS	108		50 - 200
13C3 PFHxS	108		50 - 200
13C8 PFOS	107		50 - 200

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159005-3 MS

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: WELL #2 ALG212 - S02

Prep Type: Total/NA

Prep Batch: 161591

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2-4:2-FTS	133		50 - 200
13C2-6:2-FTS	122		50 - 200
13C2-8:2-FTS	114		50 - 200

Lab Sample ID: 380-159005-3 MSD

Matrix: Drinking Water

Analysis Batch: 161719

Client Sample ID: WELL #2 ALG212 - S02

Prep Type: Total/NA

Prep Batch: 161591

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		120	113		ng/L		94	70 - 130	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		120	112		ng/L		93	70 - 130	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		120	108		ng/L		90	70 - 130	6	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		120	117		ng/L		97	70 - 130	0	30
Perfluorobutanesulfonic acid (PFBS)	ND		120	117		ng/L		96	70 - 130	1	30
Perfluorodecanoic acid (PFDA)	ND		120	115		ng/L		96	70 - 130	3	30
Perfluorododecanoic acid (PFDoA)	ND		120	116		ng/L		96	70 - 130	1	30
Perfluoroheptanoic acid (PFHpA)	ND		120	110		ng/L		91	70 - 130	3	30
Perfluorohexanesulfonic acid (PFHxS)	ND		120	114		ng/L		95	70 - 130	1	30
Perfluorohexanoic acid (PFHxA)	ND		120	114		ng/L		94	70 - 130	1	30
Perfluorononanoic acid (PFNA)	ND		120	114		ng/L		94	70 - 130	5	30
Perfluorooctanesulfonic acid (PFOS)	ND		120	116		ng/L		97	70 - 130	1	30
Perfluorooctanoic acid (PFOA)	ND		120	114		ng/L		94	70 - 130	0	30
Perfluoroundecanoic acid (PFUnA)	ND		120	115		ng/L		95	70 - 130	3	30
Perfluorobutanoic acid (PFBA)	ND		120	117		ng/L		97	70 - 130	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		120	114		ng/L		95	70 - 130	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		120	115		ng/L		96	70 - 130	6	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		120	118		ng/L		98	70 - 130	2	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		120	110		ng/L		91	70 - 130	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		120	111		ng/L		92	70 - 130	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		120	114		ng/L		95	70 - 130	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		120	110		ng/L		91	70 - 130	3	30
Perfluoropentanoic acid (PFPeA)	ND		120	108		ng/L		90	70 - 130	4	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		120	114		ng/L		95	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		120	114		ng/L		95	70 - 130	0	30

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	MSD		Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	96		50 - 200
13C6 PFDA	103		50 - 200
13C5 PFHxA	100		50 - 200
13C4 PFHpA	103		50 - 200
13C8 PFOA	103		50 - 200
13C9 PFNA	104		50 - 200
13C7 PFUnA	102		50 - 200
13C2 PFDoA	106		50 - 200
13C4 PFBA	101		50 - 200
13C5 PFPeA	110		50 - 200
13C3 PFBS	108		50 - 200
13C3 PFHxS	106		50 - 200
13C8 PFOS	105		50 - 200
13C2-4:2-FTS	120		50 - 200
13C2-6:2-FTS	123		50 - 200
13C2-8:2-FTS	111		50 - 200

QC Association Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

LCMS

Prep Batch: 161590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-161590/21-A	Lab Control Sample	Total/NA	Drinking Water	533	

Prep Batch: 161591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159005-1	WELL #1 AGN780 6" - S01	Total/NA	Drinking Water	533	
380-159005-3	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	
MBL 380-161591/20-A	Method Blank	Total/NA	Drinking Water	533	
LCS 380-161591/22-A	Lab Control Sample	Total/NA	Drinking Water	533	
380-159005-3 MS	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	
380-159005-3 MSD	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	

Analysis Batch: 161708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-161590/21-A	Lab Control Sample	Total/NA	Drinking Water	533	161590

Analysis Batch: 161719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159005-1	WELL #1 AGN780 6" - S01	Total/NA	Drinking Water	533	161591
380-159005-3	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	161591
MBL 380-161591/20-A	Method Blank	Total/NA	Drinking Water	533	161591
LCS 380-161591/22-A	Lab Control Sample	Total/NA	Drinking Water	533	161591
380-159005-3 MS	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	161591
380-159005-3 MSD	WELL #2 ALG212 - S02	Total/NA	Drinking Water	533	161591

Lab Chronicle

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Client Sample ID: WELL #1 AGN780 6" - S01
Date Collected: 07/06/25 10:00
Date Received: 07/08/25 10:04

Lab Sample ID: 380-159005-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			161591	E2HD	EA POM	07/08/25 18:56
Total/NA	Analysis	533		1	161719	Y5FM	EA POM	07/09/25 15:53

Client Sample ID: WELL #2 ALG212 - S02
Date Collected: 07/06/25 10:15
Date Received: 07/08/25 10:04

Lab Sample ID: 380-159005-3
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			161591	E2HD	EA POM	07/08/25 18:56
Total/NA	Analysis	533		1	161719	Y5FM	EA POM	07/09/25 12:50

Laboratory References:
EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Laboratory: Eurofins Eaton Analytical Pomona

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C838	03-13-26

1
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Method Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA POM
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA POM

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Sample Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 31845

Job ID: 380-159005-1
SDG: HAWK ACRES

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-159005-1	WELL #1 AGN780 6" - S01	Drinking Water	07/06/25 10:00	07/08/25 10:04
380-159005-3	WELL #2 ALG212 - S02	Drinking Water	07/06/25 10:15	07/08/25 10:04

Ver- 05/06/2024

Per- and Polyfluoroalkyl Substances (PFAS)

Date Collected <u>7-6-25</u>	System Group Type (circle one) <u>(A)</u> B Other
Water System ID Number <u>31845 31845</u>	System Name <u>HAWK ACRES 607</u>
Sample Location. <u># 1 TAP AGN 280</u>	County _____ Source Number(s) (list all sources if blended or composited) <u>501</u>
<u>Sample Purpose. (check appropriate box)</u> ☒ RC – Routine/Compliance (satisfies monitoring requirements) ☐ C – Confirmation (confirmation of chemical result)* ☐ I – Investigative (does not satisfy monitoring requirements) ☐ O – Other (specify – does not satisfy monitoring requirements)	
<u>Sample Composition (check appropriate box)</u> ☒ S – Single Source ☐ B – Blended (list source numbers in "Source Numbers" field) ☐ C – Composite (list source numbers in "Source Numbers" field) ☐ D – Distribution Sample	<u>Sample Type. (check one)</u> ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by (name) <u>KIRK GIERZ</u> Phone Number: <u>360 239 7172</u>

Per- and Polyfluoroalkyl Substances (PFAS)

Date Collected <u>7-6-25</u>	System Group Type. (circle one) <u>(A)</u> B Other
Water System ID Number <u>ALGZID 31845</u>	System Name. <u>HAWK ACRES</u>
Sample Location <u>WELL # 2 ALGZID</u>	County <u>THURSTON</u>
Sample Purpose* (check appropriate box) ☒ RC – Routine/Compliance (satisfies monitoring requirements) ☐ C – Confirmation (confirmation of chemical result)* ☐ I – Investigative (does not satisfy monitoring requirements) ☐ O – Other (specify – does not satisfy monitoring requirements)	Source Number(s) (list all sources if blended or composited) <u>502</u>
Sample Composition (check appropriate box) ☐ S – Single Source ☐ B – Blended (list source numbers in "Source Numbers" field) ☐ C – Composite (list source numbers in "Source Numbers" field) ☐ D – Distribution Sample	Sample Type. (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by (name) <u>KIRK GIERZ</u> Phone Number <u>360 239 7172</u>

Login Sample Receipt Checklist

Client: Thurston Public Utility Distric No. 1

Job Number: 380-159005-1

SDG Number: HAWK ACRES

Login Number: 159005

List Source: Eurofins Eaton Analytical Pomona

List Number: 1

Creator: Edrosa, Rey

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
CIO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - Fax (208) 8829246 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - fax (509) 838-4433 - email spokane@anateklabs.com

Client: Tolmie Park 239
Address: 1515 80th St. E
Tacoma, WA 98404
Attn: WML

Work Order: MBJ0899
Project: 08993192
Reported: 2/9/2022 14:36

Analytical Results Report

System ID# 88667P System Name: Tolmie Park 239
Reference Number: MBJ0899-01 Collect Date: 10/20/21 12:50 DOH Source #: 01
Multiple Source Nos: Sample Type: County: Thurston
Date Received: 10/28/21 10:39 Sample Purpose: RC - Routine/Compliance Sample
Sample Location: 08993192 (Dist Tap)
Matrix: Drinking Water

Lab/Sample Number: 112-89901

Radionuclides

DOH #	Analyte	Result	Units	LRL	SDRL	Trigger	MCL	Analyzed	Analyst	Method	Qualifier
0165	Gross alpha	<3.00 ± 0.568	pCi/L	3.00 MDA:3.00	3		15	1/18/22 6:04	APM	EPA 900.0	
0166	Radium 228	0.325 ± 0.381	pCi/L	1.00 MDA:0.176	1		5	1/27/22 16:00	APM	EPA 904.0	

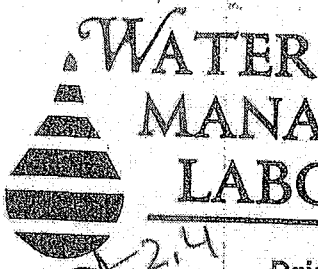
Authorized Signature,



Justin Doty For Todd Taruscio, Laboratory Manager

R16 The RPD calculation for QC samples does not include the activity uncertainty. If included in the calculation, the RPD is within method acceptance limits.
LRL Lab Reporting Limit
SDRL State Detection Reporting Limit
ND Not Detected
MCL EPA's Maximum Contaminant Level
Dry Sample results reported on a dry weight basis
SAL State Action Level
* Not a certified analyte
RPD Relative Percent Difference
%REC Percent Recovery
Source Sample that was spiked or duplicated.

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.



WATER MANAGEMENT LABORATORIES INC.

MBJ0899



Due: 11/11/21

14

Drinking Water Sample Information (WSI) for Chemical Analysis

Lab Use Only B: _____ Date Received: 10/20/21 Time Received: 3:25 AM (PM) Initials: CC

Type of System: Group: ☒ A _____ B _____ Other: RE _____ PVT _____ County: THURSTON

Sample Purpose: ☒ Routine / Compliance (RC) _____ Confirmation (C) _____ Investigative (I) _____ Other (O) _____

System Name: TOWNE 23R

System ID#: 8 8 6 6 7 P DOH Source #: S 0 1 Multiple Source #'s: N/A

Utility's Name for Source: _____

Source Type: ☒ Well or Wellfield _____ Spring _____ Surface _____ Purchased or Intertile _____
_____ Combination/Other _____ Ground Water Under Surface Influence

Sample Composition: ☒ Single Source (S) _____ Blended (B) _____ Composite (C) _____ Distribution Sample (D)

Sample Type: ☒ Pre-Treatment/Untreated (Raw) _____ Post-Treatment (Finished) _____ Unknown or Other

Treatment Type: ☒ None _____ Chlorination _____ Fluoridation _____ Filtration _____ Aeration _____
_____ Water Softener, Type: _____ Other: _____

Specific Location Sample was Taken: DIST TAP

Date Collected: 10/20/21 Time Collected: 12:50 AM (PM)

Collected by: RICH Telephone: (360) 790 - 2662

Send Results + Bill to: _____

Company: _____

Contact: _____

Address: Water Management Labs
1515 80th Street E
Tacoma, WA 98404

Phone: _____

Email: _____

Remarks: _____

KIM GUBBE

Inorganics	Miscellaneous	Individual Analytes		Organics	
Full Chem 28	Alkalinity	Antimony (Sb)	Lead (Pb)	VOC (524.2)	
Pierce County Req	Calcium (Ca)	Arsenic (As)	Manganese (Mn)	TTHM (524.2)	
Lewis County Req	Magnesium (Mg)	Barium (Ba)	Mercury (Hg)	Max. THMP (524.2)	
King County Req	pH	Beryllium (Be)	Nickel (Ni)	BTEX (524.2)	
Kitsap County Req	Silica	Cadmium (Cd)	Nitrate (NO ₃)	HAA (552.2)	
Thurston County Req	Tannin-Lignin	Chloride (Cl)	Nitrite (NO ₂)		
Mark Requested Analysis Box to the Right Other (List Below): <u>GA / RAD</u>		Chromium (Cr)	Selenium (Se)	SOC's	
		Color	Silver (Ag)	Carbamates (531.1)	
		Conductivity	Sodium (Na)	Herbicides (515.1)	
		Copper (Cu)	Sulfate (SO ₄)	Pesticides (525.2)	
		Cyanide (CN)	Thallium (Tl)	EDB/DBCP (504)	
		Fluoride (F)	Total Dissolved Solids	PCB's (508)	
		Hardness	Turbidity		
		Iron (Fe)	Zinc (Zn)		

Comments: Arrived in cooler w/ ice

For Proper Credit, Please Complete Entire Form

Account #:

Page 3 of 4



Sample Receipt and Preservation Form

MBJ0899



Due: 11/11/21

Client Name: Water Management Lab Project: _____TAT: Normal RUSH: _____ daysSamples Received From: FedEx UPS USPS Client Courier Other: _____Custody Seal on Cooler/Box: Yes No Custody Seals Intact: Yes No N/ANumber of Coolers/Boxes: 2 Type of Ice: Ice/Ice Packs Blue Ice Dry Ice NonePacking Material: Bubble Wrap Bags Foam/Peanuts None Other _____Cooler Temp As Read (°C): 13.9 Cooler Temp Corrected (°C): _____ Thermometer Used: TK-5

Comments:

Samples Received Intact?	<u>Yes</u>	No	N/A
Chain of Custody Present?	<u>Yes</u>	No	N/A
Samples Received Within Hold Time?	<u>Yes</u>	No	N/A
Samples Properly Preserved?	<u>Yes</u>	No	N/A
VOC Vials Free of Headspace (<6mm)?	Yes	No	<u>N/A</u>
VOC Trip Blanks Present?	Yes	No	<u>N/A</u>
Labels and Chains Agree?	<u>Yes</u>	No	N/A
Total Number of Sample Bottles Received:	<u>2</u>		

<u>Preserved by Client</u>

Chain of Custody Fully Completed?	<u>Yes</u>	No	N/A
Correct Containers Received?	<u>Yes</u>	No	N/A
Anatek Bottles Used?	<u>Yes</u>	No	Unknown

Record preservatives (and lot numbers, if known) for containers below:

<u>WMB₃ - 228 - P/L</u>
<u>HMB₂ - Alpha - P/L</u>

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: LY Date/Time: 10/28/2021 1039



WATER MANAGEMENT LABORATORIES INC.

1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Herbicides Report of Analysis

Date Collected: 10-20-2021	System Group Type: (circle one) A B Other
Water System ID Number: 88667P	System Name: Tolmie 239
Lab Number / Sample Number: 089 / 07604	County: Thurston
Sample Location: Distribution Tap	Source Number(s): (list all sources if blended or composited) S01
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 10-20-2021 Date Analyzed: 10-22-2021 Date Reported: 10-28-2021 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Rich Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0137	Dalapon	--	ND	1	1	200	µg/L	No	515.1/MG
0037	2,4-D	--	ND	0.1	0.1	70	µg/L	No	515.1/MG
0038	2,4,5-TP (Silvex)	--	ND	0.2	0.2	50	µg/L	No	515.1/MG
0134	Pentachlorophenol	--	ND	0.04	0.04	1	µg/L	No	515.1/MG
0139	Dinoseb	--	ND	0.2	0.2	7	µg/L	No	515.1/MG
0140	Picloram	--	ND	0.1	0.1	500	µg/L	No	515.1/MG
0138	Dicamba	--	ND	0.2	0.2	--	µg/L	--	515.1/MG
0135	2,4 DB	--	ND	1	1	--	µg/L	--	515.1/MG
0136	2,4,5 T	--	ND	0.4	0.4	--	µg/L	--	515.1/MG
0220	Bentazon	--	ND	0.5	0.5	--	µg/L	--	515.1/MG
0221	Dichlorprop	--	ND	0.5	0.5	--	µg/L	--	515.1/MG
0223	Acifluorfen	--	ND	2	2	--	µg/L	--	515.1/MG
0225	DCPA (Acid Metabolites)	--	ND	0.1	0.1	--	µg/L	--	515.1/MG
0226	3,5-Dichlorobenzoic Acid	--	ND	0.5	0.5	--	µg/L	--	515.1/MG

Lab Number / Sample Number: 089 / 07604

Herbicides (cont)

NOTES:

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

µg/L: micrograms per liter or parts per billion.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

LAB COMMENTS:



WATER MANAGEMENT LABORATORIES INC.

1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Lead and Copper Distribution System - Report of Analyses

Lead and Copper Analysis (LCR)	System Group Type: (circle one) (A) B Other:
Water System ID Number: 88667P	System Name: Tolmie Park 239
Source: S93 (standing distribution samples)	County: Thurston
	Consecutive System? YES (NO)
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 07-24-2023 Date Analyzed: 07-27-2023 Date Reported: 08-31-2023 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list sources in "Source Number" field) ☐ C - Composite (list sources in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Contact Name: Kim Gubbe Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

(DOH #) Analyte	(0009) Lead	(0023) Copper
State Detection Reporting Level (SDRL) (mg/L)	0.001	0.02
Regulatory Action Level (mg/L)**	0.015	1.3
Analytical Method / Analyst's Initials	200.8/CP	200.8/CP

Lab Number / Sample Number ____/____	Date Collected	Sample Location:	Lead (mg/L)	Copper (mg/L)
089 / 05189	07-17-2023	6025 Tolmie Dr NE	<0.0010	0.104
089 / 05190	07-19-2023	7043 Tolmie Dr NE	<0.0010	0.072
089 / 05191	07-17-2023	6033 Tolmie Dr NE	<0.0010	0.190
089 / 05192	07-15-2023	7048 Tolmie Dr NE	<0.0010	0.116
089 / 05193	07-15-2023	6018 Tolmie Dr NE	0.0024	0.270

NOTES:

*Regulatory Action Level for schools and daycare facilities is 0.020 mg/L for Lead

Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

mg/L: milligrams per liter or parts per million

Regulatory Action level: The concentration against which the 90th percentile of all distribution samples collected during the monitoring period that, if exceeded, signals the system is in violation.

DRL (State Detection Reporting Level): The minimum reporting level established by the department.

AB COMMENTS AND DATA QUALIFIER-Note data qualifiers next to the individual result. Note the definition of the qualifiers here:

Chemistry - Report of Analysis

Date Collected: 09-18-2025	System Group Type: (circle one) (A) B Other
Water System ID Number: 88667P	System Name: Tolmie 239
Lab Number / Sample Number: 089 / 07813	County: Thurston
Sample Location: Pumphouse Well Tap	Source Number(s): (list all sources if blended or composited) S01
Sample Purpose: (check appropriate box) ☐ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☒ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 09-18-2025 Date Reported: 10-03-2025 Supervisor Initials: 
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0021	Chloride	--	5.6	2	--	250	mg/L	No	09-18-2025	300.0/CP
0015	Hardness	--	80.0	10	--	--	mg/L	--	09-23-2025	2340C/BS
0008	Iron	--	0.24	0.1	--	0.3	mg/L	No	09-19-2025	3111B/JMB
0010	Manganese	--	<0.010	0.01	--	0.05	mg/L	No	09-19-2025	200.8/CP
0014	Sodium	--	6.2	5.0	--	--	mg/L	--	09-27-2025	3111B/CP

NOTES:

Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

- No existing value.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

mg/L: milligrams per liter or parts per million.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

Chemistry - Report of Analysis

Date Collected: 09-18-2025	System Group Type: (circle one) A B Other
Water System ID Number: 88667P	System Name: Tolmie 239
Lab Number / Sample Number: 089 / 07814	County: Thurston
Sample Location: 6033 Tolmie Rd NE	Source Number(s): (list all sources if blended or composited) S92
Sample Purpose: (check appropriate box) ☐ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☒ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 09-18-2025 Date Reported: 09-30-2025 Supervisor Initials: <i>RL</i>
Sample Composition: (check appropriate box) ☐ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☒ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-790-2662
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULT	SDRL	TRIGGER	MCL	UNITS	EXCEED MCL?	DATE ANALYZED	METHOD/ INITIALS
0015	Hardness	--	82.0	10	--	--	mg/L	--	09-23-2025	2340C/BS

NOTES:

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

-- No existing value.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

mg/L: milligrams per liter or parts per million.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

LAB COMMENTS



ANALYTICAL REPORT

PREPARED FOR

Attn: Kim Gubbe
Thurston Public Utility Distric No. 1
1230 Ruddell Rd SE
Lacey, Washington 98503

Generated 7/14/2025 4:48:40 PM

JOB DESCRIPTION

88667
Tolmie Park 239

JOB NUMBER

380-159066-1

Eurofins Eaton Analytical Pomona

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.
(DW, Water matrices)

Authorization



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Authorized for release by
Vanessa Berry, Project Manager
Vanessa.Berry@et.eurofinsus.com
(626)386-1100

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Definitions/Glossary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

941 Corporate Center Drive, Pomona, CA 91768-2642 / Lab ID No. C838

Per- and Polyfluoroalkyl Substances (PFAS) By EPA Method 533

Report of Analysis

Date Collected: (MM/DD/YY) 07/06/25	System Group Type: (circle one) ☒ A ☐ B Other:
Water System ID Number: 88667	System Name: Tolmie Park 239
Lab Number / Sample Number: 094 / 90661	County: Thurston
Sample Location: Well #1 Tap	Source Number(s): (list all sources if blended or composited) S01
<u>Sample Purpose: (check appropriate box)</u> ☒ RC - Routine Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: (MM/DD/YY) 07/08/25 Date Analyzed: (MM/DD/YY) 07/09/25 Date Reported: (MM/DD/YY) 07/14/25 COMMENTS: EEA 380-159066
<u>Sample Composition: (check appropriate box)</u> ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Numbers" field) ☐ C - Composite (list source numbers in "Source Numbers" field) ☐ D - Distribution Sample	<u>Sample Type: (check one)</u> ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: (name) Kirk Gietz Phone Number: 360 239 7172
Send Report to: Washington State DOH Office of Drinking Water/Data Entry, PO Box 47822 Olympia, WA 98504-7822	Bill to: (client name) Washington State DOH 243 Israel Rd SE Tumwater, WA 98504-7822

REQUIRED ANALYTICAL RESULTS

DOH #	CONTAMINANT	DATA QUALIFIER	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ INITIALS
0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		533 / SZ9R
0433	(PFOS) Perfluorooctanesulfonic acid		2.0	2	15	ng/L		533 / SZ9R
0431	(PFHxS) Perfluorhexanesulfonic acid		ND	2	65	ng/L		533 / SZ9R
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		533 / SZ9R
0429	(PFBS) Perfluorobutanesulfonic acid		2.1	2	345	ng/L		533 / SZ9R
0430	(PFHpA) Perfluorheptanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0435	(PFHxA) Perfluorhexanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0436	(PFDA) Perfluordecanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		533 / SZ9R
0448	(11CI-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0450	(4:2FTS)1H,1H, 2H, 2H-Perfluorohexane sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0451	(6:2FTS)1H,1H, 2H, 2H-Perfluorooctane sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0452	(8:2FTS)1H,1H, 2H, 2H-Perfluorodecane sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0453	(NFDHA)Nonafluoro-3,6-dioxaheptanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0454	(PFBA)Perfluorobutanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0455	(PFHpS)Perfluoroheptanesulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0456	(PFMBA)Perfluoro-4-methoxybutanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0457	(PFMPA)Perfluoro-3-methoxypropanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0458	(PFPeA)Perfluoropentanoic acid		ND	2	n/a	ng/L		533 / SZ9R
0459	(PFPeS)Perfluoropentanesulfonic acid		ND	2	n/a	ng/L		533 / SZ9R
0460	(PFESA)Perfluoro(2-ethoxyethane)sulfonic acid		ND	2	n/a	ng/L		533 / SZ9R

NOTES:

*Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

**To qualify for a monitoring waiver the additional contaminants must be reported to DOH.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned contaminant number.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

ng/L: nanograms per liter or parts per trillion.

SAL (State Action Level): Means the concentration of a contaminant or group of contaminants, without an MCL, established to protect public health in accordance with WAC 246-290-315 and which, if exceeded, triggers actions a purveyor takes in accordance with WAC 246-290-320.

SDRL (State Detection Reporting Limit): The minimum reportable detection of a contaminant as established by the department.

LAB COMMENTS:

Case Narrative

Client: Thurston Public Utility Distric No. 1
Project: 88667

Job ID: 380-159066-1

Job ID: 380-159066-1

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Job Narrative 380-159066-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/8/2025 10:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

PFAS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0	ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.0		2.0	ng/L	1		533	Total/NA

Client Sample ID: Field Blank - WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical Pomona

Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-1

Date Collected: 07/06/25 09:40

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorooctanesulfonic acid (PFOS)	2.0		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 19:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	95		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C6 PFDA	113		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C5 PFHxA	107		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C4 PFHpA	109		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C8 PFOA	114		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C9 PFNA	115		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C7 PFUnA	115		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C2 PFDoA	112		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C4 PFBA	107		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C5 PFPeA	112		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C3 PFBS	109		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C3 PFHxS	115		50 - 200	07/09/25 07:55	07/09/25 19:19	1

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Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-1

Date Collected: 07/06/25 09:40

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	113		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C2-4:2-FTS	129		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C2-6:2-FTS	117		50 - 200	07/09/25 07:55	07/09/25 19:19	1
13C2-8:2-FTS	111		50 - 200	07/09/25 07:55	07/09/25 19:19	1

Client Sample ID: Field Blank - WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-2

Date Collected: 07/06/25 09:40

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 12:41	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	100		50 - 200			07/10/25 14:55	07/11/25 12:41	1
13C6 PFDA	99		50 - 200			07/10/25 14:55	07/11/25 12:41	1
13C5 PFHxA	104		50 - 200			07/10/25 14:55	07/11/25 12:41	1

Eurofins Eaton Analytical Pomona

Client Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: Field Blank - WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-2

Date Collected: 07/06/25 09:40

Matrix: Drinking Water

Date Received: 07/08/25 10:04

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	100		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C8 PFOA	99		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C9 PFNA	101		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C7 PFUnA	98		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C2 PFDoA	97		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C4 PFBA	100		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C5 PFPeA	99		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C3 PFBS	104		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C3 PFHxS	104		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C8 PFOS	100		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C2-4:2-FTS	94		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C2-6:2-FTS	90		50 - 200	07/10/25 14:55	07/11/25 12:41	1
13C2-8:2-FTS	84		50 - 200	07/10/25 14:55	07/11/25 12:41	1

Action Limit Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	WA SDWA	RL	Method	Prep Type
				Limit			
Perfluorobutanesulfonic acid (PFBS)	2.1		ng/L	345	2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	65	2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	ND		ng/L	9	2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.0		ng/L	15	2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	ND		ng/L	10	2.0	533	Total/NA

Client Sample ID: Field Blank - WELL #1 AHF013 - S01

Lab Sample ID: 380-159066-2

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	WA SDWA	RL	Method	Prep Type
				Limit			
Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	345	2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	65	2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	ND		ng/L	9	2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	15	2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	ND		ng/L	10	2.0	533	Total/NA

Isotope Dilution Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	HFPODA (50-200)	C6PFDA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	13C7PUA (50-200)	PFDaA (50-200)
380-159066-1	WELL #1 AHF013 - S01	95	113	107	109	114	115	115	112
380-159066-1 MS	WELL #1 AHF013 - S01	89	103	94	97	101	102	106	102
380-159066-1 MSD	WELL #1 AHF013 - S01	85	101	92	93	96	99	105	106
380-159066-2	Field Blank - WELL #1 AHF013 - S01	100	99	104	100	99	101	98	97
380-159460-B-3-A MS	Matrix Spike	81	85	83	84	84	86	87	93
380-159460-C-3-A MSD	Matrix Spike Duplicate	62	74	63	64	67	70	79	83
LCS 380-161677/22-A	Lab Control Sample	95	115	113	113	115	117	114	112
LCS 380-162025/22-A	Lab Control Sample	101	100	105	100	102	101	98	100
MBL 380-161677/20-A	Method Blank	99	108	106	109	111	109	110	107
MBL 380-162025/20-A	Method Blank	102	101	104	105	104	101	98	105
MRL 380-161677/21-A	Lab Control Sample	97	110	106	111	113	113	114	111
MRL 380-162025/21-A	Lab Control Sample	103	100	102	101	104	106	103	100
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	C3PFBS (50-200)	C3PFHS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)
380-159066-1	WELL #1 AHF013 - S01	107	112	109	115	113	129	117	111
380-159066-1 MS	WELL #1 AHF013 - S01	100	106	117	118	119	135	121	120
380-159066-1 MSD	WELL #1 AHF013 - S01	98	103	111	110	110	123	116	110
380-159066-2	Field Blank - WELL #1 AHF013 - S01	100	99	104	104	100	94	90	84
380-159460-B-3-A MS	Matrix Spike	88	83	113	114	112	108	102	98
380-159460-C-3-A MSD	Matrix Spike Duplicate	68	67	102	104	103	96	93	89
LCS 380-161677/22-A	Lab Control Sample	112	114	113	115	112	131	122	113
LCS 380-162025/22-A	Lab Control Sample	102	101	106	105	103	101	96	89
MBL 380-161677/20-A	Method Blank	111	113	108	113	109	127	111	107
MBL 380-162025/20-A	Method Blank	104	104	105	104	103	105	96	87
MRL 380-161677/21-A	Lab Control Sample	110	115	111	114	111	126	114	109
MRL 380-162025/21-A	Lab Control Sample	104	101	105	109	106	104	97	95

Surrogate Legend

HFPODA = 13C3 HFPO-DA
C6PFDA = 13C6 PFDA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
13C7PUA = 13C7 PFUnA
PFDaA = 13C2 PFDaA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
42FTS = 13C2-4:2-FTS
62FTS = 13C2-6:2-FTS
82FTS = 13C2-8:2-FTS

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 380-161677/20-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 161677

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/09/25 07:55	07/09/25 18:50	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	99		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C6 PFDA	108		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C5 PFHxA	106		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C4 PFHpA	109		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C8 PFOA	111		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C9 PFNA	109		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C7 PFUnA	110		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C2 PFDoA	107		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C4 PFBA	111		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C5 PFPeA	113		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C3 PFBS	108		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C3 PFHxS	113		50 - 200	07/09/25 07:55	07/09/25 18:50	1

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 380-161677/20-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 161677

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	109		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C2-4:2-FTS	127		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C2-6:2-FTS	111		50 - 200	07/09/25 07:55	07/09/25 18:50	1
13C2-8:2-FTS	107		50 - 200	07/09/25 07:55	07/09/25 18:50	1

Lab Sample ID: LCS 380-161677/22-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	60.1	58.8		ng/L		98	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	60.1	57.6		ng/L		96	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	60.1	58.7		ng/L		98	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	60.1	63.5		ng/L		106	70 - 130
Perfluorobutanesulfonic acid (PFBS)	60.1	59.0		ng/L		98	70 - 130
Perfluorodecanoic acid (PFDA)	60.1	57.3		ng/L		95	70 - 130
Perfluorododecanoic acid (PFDaA)	60.1	59.3		ng/L		99	70 - 130
Perfluoroheptanoic acid (PFHpA)	60.1	58.1		ng/L		97	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	60.1	56.9		ng/L		95	70 - 130
Perfluorohexanoic acid (PFHxA)	60.1	56.8		ng/L		95	70 - 130
Perfluorononanoic acid (PFNA)	60.1	57.3		ng/L		95	70 - 130
Perfluorooctanesulfonic acid (PFOS)	60.1	60.0		ng/L		100	70 - 130
Perfluorooctanoic acid (PFOA)	60.1	58.2		ng/L		97	70 - 130
Perfluoroundecanoic acid (PFUnA)	60.1	60.1		ng/L		100	70 - 130
Perfluorobutanoic acid (PFBA)	60.1	58.7		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	60.1	59.2		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	60.1	60.8		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	60.1	59.8		ng/L		100	70 - 130
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	60.1	53.9		ng/L		90	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	60.1	59.2		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	60.1	59.0		ng/L		98	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	60.1	56.5		ng/L		94	70 - 130
Perfluoropentanoic acid (PFPeA)	60.1	57.7		ng/L		96	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	60.1	57.1		ng/L		95	70 - 130

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 380-161677/22-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanesulfonic acid (PFPeS)	60.1	56.6		ng/L		94	70 - 130
	LCS	LCS					
Isotope Dilution	%Recovery	Qualifier	Limits				
13C3 HFPO-DA	95		50 - 200				
13C6 PFDA	115		50 - 200				
13C5 PFHxA	113		50 - 200				
13C4 PFHpA	113		50 - 200				
13C8 PFOA	115		50 - 200				
13C9 PFNA	117		50 - 200				
13C7 PFUnA	114		50 - 200				
13C2 PFDoA	112		50 - 200				
13C4 PFBA	112		50 - 200				
13C5 PFPeA	114		50 - 200				
13C3 PFBS	113		50 - 200				
13C3 PFHxS	115		50 - 200				
13C8 PFOS	112		50 - 200				
13C2-4:2-FTS	131		50 - 200				
13C2-6:2-FTS	122		50 - 200				
13C2-8:2-FTS	113		50 - 200				

Lab Sample ID: MRL 380-161677/21-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	2.01		ng/L		100	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.00	1.92	J	ng/L		96	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	1.97	J	ng/L		98	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.00		ng/L		100	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.00	1.99	J	ng/L		99	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.01		ng/L		100	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.04		ng/L		102	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.00	1.97	J	ng/L		98	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.02		ng/L		101	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.00		ng/L		100	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.00	2.10		ng/L		105	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.97	J	ng/L		98	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.02		ng/L		101	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.24		ng/L		112	50 - 150

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MRL 380-161677/21-A

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.00	1.98	J	ng/L		99	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.00	2.14		ng/L		107	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.00	2.13		ng/L		106	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	1.80	J	ng/L		90	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.11		ng/L		105	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.10		ng/L		105	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.00	1.95	J	ng/L		97	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.00	1.90	J	ng/L		95	50 - 150

Isotope Dilution	%Recovery	MRL Qualifier	MRL Limits
13C3 HFPO-DA	97		50 - 200
13C6 PFDA	110		50 - 200
13C5 PFHxA	106		50 - 200
13C4 PFHpA	111		50 - 200
13C8 PFOA	113		50 - 200
13C9 PFNA	113		50 - 200
13C7 PFUnA	114		50 - 200
13C2 PFDoA	111		50 - 200
13C4 PFBA	110		50 - 200
13C5 PFPeA	115		50 - 200
13C3 PFBS	111		50 - 200
13C3 PFHxS	114		50 - 200
13C8 PFOS	111		50 - 200
13C2-4:2-FTS	126		50 - 200
13C2-6:2-FTS	114		50 - 200
13C2-8:2-FTS	109		50 - 200

Lab Sample ID: 380-159066-1 MS

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: WELL #1 AHF013 - S01

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.2	58.1		ng/L		96	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.2	58.5		ng/L		97	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.2	58.8		ng/L		98	70 - 130

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159066-1 MS

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: WELL #1 AHF013 - S01

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide	ND		60.2	60.5		ng/L		100	70 - 130
Dimer Acid (HFPO-DA)									
Perfluorobutanesulfonic acid (PFBS)	2.1		60.2	61.4		ng/L		98	70 - 130
Perfluorodecanoic acid (PFDA)	ND		60.2	58.2		ng/L		97	70 - 130
Perfluorododecanoic acid (PFDoA)	ND		60.2	60.9		ng/L		101	70 - 130
Perfluoroheptanoic acid (PFHpA)	ND		60.2	59.7		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	ND		60.2	58.6		ng/L		96	70 - 130
Perfluorohexanoic acid (PFHxA)	ND		60.2	60.4		ng/L		98	70 - 130
Perfluorononanoic acid (PFNA)	ND		60.2	58.1		ng/L		97	70 - 130
Perfluorooctanesulfonic acid (PFOS)	2.0		60.2	61.0		ng/L		98	70 - 130
Perfluorooctanoic acid (PFOA)	ND		60.2	60.2		ng/L		98	70 - 130
Perfluoroundecanoic acid (PFUnA)	ND		60.2	59.5		ng/L		99	70 - 130
Perfluorobutanoic acid (PFBA)	ND		60.2	60.0		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.2	58.4		ng/L		97	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.2	59.9		ng/L		99	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.2	60.3		ng/L		100	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		60.2	55.8		ng/L		93	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		60.2	59.1		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.2	58.9		ng/L		98	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		60.2	58.2		ng/L		97	70 - 130
Perfluoropentanoic acid (PFPeA)	ND		60.2	61.4		ng/L		100	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.2	57.0		ng/L		95	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	ND		60.2	57.8		ng/L		96	70 - 130

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C3 HFPO-DA	89		50 - 200
13C6 PFDA	103		50 - 200
13C5 PFHxA	94		50 - 200
13C4 PFHpA	97		50 - 200
13C8 PFOA	101		50 - 200
13C9 PFNA	102		50 - 200
13C7 PFUnA	106		50 - 200
13C2 PFDoA	102		50 - 200
13C4 PFBA	100		50 - 200
13C5 PFPeA	106		50 - 200
13C3 PFBS	117		50 - 200
13C3 PFHxS	118		50 - 200
13C8 PFOS	119		50 - 200

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159066-1 MS

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: WELL #1 AHF013 - S01

Prep Type: Total/NA

Prep Batch: 161677

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2-4:2-FTS	135		50 - 200
13C2-6:2-FTS	121		50 - 200
13C2-8:2-FTS	120		50 - 200

Lab Sample ID: 380-159066-1 MSD

Matrix: Drinking Water

Analysis Batch: 161862

Client Sample ID: WELL #1 AHF013 - S01

Prep Type: Total/NA

Prep Batch: 161677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.4	59.4		ng/L		98	70 - 130	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.4	58.3		ng/L		97	70 - 130	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.4	58.0		ng/L		96	70 - 130	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		60.4	64.2		ng/L		106	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	2.1		60.4	62.3		ng/L		100	70 - 130	1	30
Perfluorodecanoic acid (PFDA)	ND		60.4	59.3		ng/L		98	70 - 130	2	30
Perfluorododecanoic acid (PFDaA)	ND		60.4	59.2		ng/L		98	70 - 130	3	30
Perfluoroheptanoic acid (PFHpA)	ND		60.4	59.8		ng/L		98	70 - 130	0	30
Perfluorohexanesulfonic acid (PFHxS)	ND		60.4	60.4		ng/L		99	70 - 130	3	30
Perfluorohexanoic acid (PFHxA)	ND		60.4	61.8		ng/L		101	70 - 130	2	30
Perfluorononanoic acid (PFNA)	ND		60.4	58.6		ng/L		97	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	2.0		60.4	61.5		ng/L		99	70 - 130	1	30
Perfluorooctanoic acid (PFOA)	ND		60.4	60.7		ng/L		98	70 - 130	1	30
Perfluoroundecanoic acid (PFUnA)	ND		60.4	60.5		ng/L		100	70 - 130	2	30
Perfluorobutanoic acid (PFBA)	ND		60.4	61.5		ng/L		101	70 - 130	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.4	61.0		ng/L		101	70 - 130	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.4	62.1		ng/L		103	70 - 130	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.4	58.4		ng/L		97	70 - 130	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		60.4	59.1		ng/L		98	70 - 130	6	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		60.4	59.0		ng/L		98	70 - 130	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.4	58.9		ng/L		98	70 - 130	0	30
Perfluoro-4-methoxybutanoic acid (PFMPA)	ND		60.4	57.5		ng/L		95	70 - 130	1	30
Perfluoropentanoic acid (PFPeA)	ND		60.4	59.8		ng/L		97	70 - 130	3	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.4	57.3		ng/L		95	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		60.4	58.8		ng/L		97	70 - 130	2	30

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	MSD	MSD	Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	85		50 - 200
13C6 PFDA	101		50 - 200
13C5 PFHxA	92		50 - 200
13C4 PFHpA	93		50 - 200
13C8 PFOA	96		50 - 200
13C9 PFNA	99		50 - 200
13C7 PFUnA	105		50 - 200
13C2 PFDoA	106		50 - 200
13C4 PFBA	98		50 - 200
13C5 PFPeA	103		50 - 200
13C3 PFBS	111		50 - 200
13C3 PFHxS	110		50 - 200
13C8 PFOS	110		50 - 200
13C2-4:2-FTS	123		50 - 200
13C2-6:2-FTS	116		50 - 200
13C2-8:2-FTS	110		50 - 200

Lab Sample ID: MBL 380-162025/20-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 162025

Analyte	MBL	MBL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11CI-PF3OUdS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9CI-PF3ONS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorodecanoic acid (PFDA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorononanoic acid (PFNA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorooctanoic acid (PFOA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluorobutanoic acid (PFBA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 380-162025/20-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 162025

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	ng/L		07/10/25 14:55	07/11/25 11:41	1
Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	102		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C6 PFDA	101		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C5 PFHxA	104		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C4 PFHpA	105		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C8 PFOA	104		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C9 PFNA	101		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C7 PFUnA	98		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C2 PFDoA	105		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C4 PFBA	104		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C5 PFPeA	104		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C3 PFBS	105		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C3 PFHxS	104		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C8 PFOS	103		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C2-4:2-FTS	105		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C2-6:2-FTS	96		50 - 200			07/10/25 14:55	07/11/25 11:41	1
13C2-8:2-FTS	87		50 - 200			07/10/25 14:55	07/11/25 11:41	1

Lab Sample ID: LCS 380-162025/22-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	60.1	58.2		ng/L		97	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	60.1	58.7		ng/L		98	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	60.1	61.7		ng/L		103	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	60.1	59.3		ng/L		99	70 - 130
Perfluorobutanesulfonic acid (PFBS)	60.1	57.3		ng/L		95	70 - 130
Perfluorodecanoic acid (PFDA)	60.1	59.1		ng/L		98	70 - 130
Perfluorododecanoic acid (PFDoA)	60.1	61.0		ng/L		101	70 - 130
Perfluoroheptanoic acid (PFHpA)	60.1	60.7		ng/L		101	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	60.1	60.0		ng/L		100	70 - 130
Perfluorohexanoic acid (PFHxA)	60.1	59.7		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	60.1	57.2		ng/L		95	70 - 130
Perfluorooctanesulfonic acid (PFOS)	60.1	59.2		ng/L		98	70 - 130
Perfluorooctanoic acid (PFOA)	60.1	59.1		ng/L		98	70 - 130

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: LCS 380-162025/22-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	60.1	59.2		ng/L		98	70 - 130
Perfluorobutanoic acid (PFBA)	60.1	61.0		ng/L		101	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	60.1	61.6		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	60.1	58.8		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	60.1	60.8		ng/L		101	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	60.1	58.0		ng/L		97	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	60.1	57.8		ng/L		96	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	60.1	59.9		ng/L		100	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	60.1	60.5		ng/L		101	70 - 130
Perfluoropentanoic acid (PFPeA)	60.1	59.5		ng/L		99	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	60.1	59.6		ng/L		99	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	60.1	61.0		ng/L		101	70 - 130

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	101		50 - 200
13C6 PFDA	100		50 - 200
13C5 PFHxA	105		50 - 200
13C4 PFHpA	100		50 - 200
13C8 PFOA	102		50 - 200
13C9 PFNA	101		50 - 200
13C7 PFUnA	98		50 - 200
13C2 PFDoA	100		50 - 200
13C4 PFBA	102		50 - 200
13C5 PFPeA	101		50 - 200
13C3 PFBS	106		50 - 200
13C3 PFHxS	105		50 - 200
13C8 PFOS	103		50 - 200
13C2-4:2-FTS	101		50 - 200
13C2-6:2-FTS	96		50 - 200
13C2-8:2-FTS	89		50 - 200

Lab Sample ID: MRL 380-162025/21-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	2.03		ng/L		101	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.00	1.96	J	ng/L		98	50 - 150

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MRL 380-162025/21-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	2.15		ng/L		107	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	2.00	2.02		ng/L		101	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.00	2.08		ng/L		104	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.10		ng/L		105	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.07		ng/L		103	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.16		ng/L		108	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.00	2.16		ng/L		108	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.20		ng/L		110	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.04		ng/L		102	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.00	2.18		ng/L		109	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.16		ng/L		108	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.06		ng/L		103	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.19		ng/L		109	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.00	2.11		ng/L		105	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.00	2.22		ng/L		111	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.00	2.27		ng/L		113	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	2.18		ng/L		109	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.00	2.10		ng/L		105	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.06		ng/L		103	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	2.17		ng/L		108	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.14		ng/L		107	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.00	2.11		ng/L		105	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.00	2.00		ng/L		100	50 - 150

Isotope Dilution	MRL %Recovery	MRL Qualifier	Limits
13C3 HFPO-DA	103		50 - 200
13C6 PFDA	100		50 - 200
13C5 PFHxA	102		50 - 200
13C4 PFHpA	101		50 - 200
13C8 PFOA	104		50 - 200
13C9 PFNA	106		50 - 200
13C7 PFUnA	103		50 - 200
13C2 PFDoA	100		50 - 200
13C4 PFBA	104		50 - 200
13C5 PFPeA	101		50 - 200
13C3 PFBS	105		50 - 200
13C3 PFHxS	109		50 - 200

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MRL 380-162025/21-A

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 162025

Isotope Dilution	MRL %Recovery	MRL Qualifier	Limits
13C8 PFOS	106		50 - 200
13C2-4:2-FTS	104		50 - 200
13C2-6:2-FTS	97		50 - 200
13C2-8:2-FTS	95		50 - 200

Lab Sample ID: 380-159460-B-3-A MS

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.4	57.4		ng/L		95	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.4	58.0		ng/L		96	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.4	56.1		ng/L		93	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		60.4	60.5		ng/L		100	70 - 130
Perfluorobutanesulfonic acid (PFBS)	ND		60.4	57.2		ng/L		95	70 - 130
Perfluorodecanoic acid (PFDA)	ND		60.4	60.1		ng/L		100	70 - 130
Perfluorododecanoic acid (PFDoA)	ND		60.4	61.0		ng/L		101	70 - 130
Perfluoroheptanoic acid (PFHpA)	ND		60.4	61.4		ng/L		102	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	ND		60.4	61.5		ng/L		101	70 - 130
Perfluorohexanoic acid (PFHxA)	ND		60.4	60.2		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	ND		60.4	59.5		ng/L		98	70 - 130
Perfluorooctanesulfonic acid (PFOS)	ND		60.4	59.6		ng/L		99	70 - 130
Perfluorooctanoic acid (PFOA)	ND		60.4	60.3		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	ND		60.4	61.9		ng/L		103	70 - 130
Perfluorobutanoic acid (PFBA)	ND		60.4	59.4		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.4	62.6		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.4	57.8		ng/L		96	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.4	62.2		ng/L		103	70 - 130
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		60.4	56.5		ng/L		94	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		60.4	58.1		ng/L		96	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.4	55.8		ng/L		92	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMPA)	ND		60.4	58.7		ng/L		97	70 - 130
Perfluoropentanoic acid (PFPeA)	ND		60.4	62.6		ng/L		102	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.4	58.2		ng/L		96	70 - 130

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QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159460-B-3-A MS

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanesulfonic acid (PFPeS)	ND		60.4	59.0		ng/L		98	70 - 130
Isotope Dilution									
	MS %Recovery	MS Qualifier	Limits						
13C3 HFPO-DA	81		50 - 200						
13C6 PFDA	85		50 - 200						
13C5 PFHxA	83		50 - 200						
13C4 PFHpA	84		50 - 200						
13C8 PFOA	84		50 - 200						
13C9 PFNA	86		50 - 200						
13C7 PFUnA	87		50 - 200						
13C2 PFDoA	93		50 - 200						
13C4 PFBA	88		50 - 200						
13C5 PFPeA	83		50 - 200						
13C3 PFBS	113		50 - 200						
13C3 PFHxS	114		50 - 200						
13C8 PFOS	112		50 - 200						
13C2-4:2-FTS	108		50 - 200						
13C2-6:2-FTS	102		50 - 200						
13C2-8:2-FTS	98		50 - 200						

Lab Sample ID: 380-159460-C-3-A MSD

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.4	57.1		ng/L		95	70 - 130	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.4	56.6		ng/L		94	70 - 130	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.4	56.5		ng/L		94	70 - 130	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		60.4	59.9		ng/L		99	70 - 130	1	30
Perfluorobutanesulfonic acid (PFBS)	ND		60.4	59.8		ng/L		99	70 - 130	4	30
Perfluorodecanoic acid (PFDA)	ND		60.4	60.8		ng/L		101	70 - 130	1	30
Perfluorododecanoic acid (PFDoA)	ND		60.4	60.2		ng/L		100	70 - 130	1	30
Perfluoroheptanoic acid (PFHpA)	ND		60.4	59.9		ng/L		99	70 - 130	2	30
Perfluorohexanesulfonic acid (PFHxS)	ND		60.4	60.4		ng/L		99	70 - 130	2	30
Perfluorohexanoic acid (PFHxA)	ND		60.4	63.8		ng/L		105	70 - 130	6	30
Perfluorononanoic acid (PFNA)	ND		60.4	60.4		ng/L		100	70 - 130	2	30
Perfluorooctanesulfonic acid (PFOS)	ND		60.4	59.4		ng/L		98	70 - 130	0	30
Perfluorooctanoic acid (PFOA)	ND		60.4	59.2		ng/L		98	70 - 130	2	30
Perfluoroundecanoic acid (PFUnA)	ND		60.4	59.0		ng/L		98	70 - 130	5	30
Perfluorobutanoic acid (PFBA)	ND		60.4	60.4		ng/L		100	70 - 130	2	30

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 380-159460-C-3-A MSD

Matrix: Drinking Water

Analysis Batch: 162271

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 162025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.4	60.1		ng/L		100	70 - 130	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.4	60.7		ng/L		101	70 - 130	5	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.4	59.8		ng/L		99	70 - 130	4	30
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	ND		60.4	54.4		ng/L		90	70 - 130	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	ND		60.4	59.4		ng/L		98	70 - 130	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.4	57.1		ng/L		95	70 - 130	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		60.4	55.8		ng/L		92	70 - 130	5	30
Perfluoropentanoic acid (PFPeA)	ND		60.4	59.6		ng/L		97	70 - 130	5	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.4	58.7		ng/L		97	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		60.4	57.2		ng/L		95	70 - 130	3	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C3 HFPO-DA	62		50 - 200
13C6 PFDA	74		50 - 200
13C5 PFHxA	63		50 - 200
13C4 PFHpA	64		50 - 200
13C8 PFOA	67		50 - 200
13C9 PFNA	70		50 - 200
13C7 PFUnA	79		50 - 200
13C2 PFDoA	83		50 - 200
13C4 PFBA	68		50 - 200
13C5 PFPeA	67		50 - 200
13C3 PFBS	102		50 - 200
13C3 PFHxS	104		50 - 200
13C8 PFOS	103		50 - 200
13C2-4:2-FTS	96		50 - 200
13C2-6:2-FTS	93		50 - 200
13C2-8:2-FTS	89		50 - 200

QC Association Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

LCMS

Prep Batch: 161677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159066-1	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	
MBL 380-161677/20-A	Method Blank	Total/NA	Drinking Water	533	
LCS 380-161677/22-A	Lab Control Sample	Total/NA	Drinking Water	533	
MRL 380-161677/21-A	Lab Control Sample	Total/NA	Drinking Water	533	
380-159066-1 MS	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	
380-159066-1 MSD	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	

Analysis Batch: 161862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159066-1	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	161677
MBL 380-161677/20-A	Method Blank	Total/NA	Drinking Water	533	161677
LCS 380-161677/22-A	Lab Control Sample	Total/NA	Drinking Water	533	161677
MRL 380-161677/21-A	Lab Control Sample	Total/NA	Drinking Water	533	161677
380-159066-1 MS	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	161677
380-159066-1 MSD	WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	161677

Prep Batch: 162025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159066-2	Field Blank - WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	
MBL 380-162025/20-A	Method Blank	Total/NA	Drinking Water	533	
LCS 380-162025/22-A	Lab Control Sample	Total/NA	Drinking Water	533	
MRL 380-162025/21-A	Lab Control Sample	Total/NA	Drinking Water	533	
380-159460-B-3-A MS	Matrix Spike	Total/NA	Drinking Water	533	
380-159460-C-3-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	533	

Analysis Batch: 162271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-159066-2	Field Blank - WELL #1 AHF013 - S01	Total/NA	Drinking Water	533	162025
MBL 380-162025/20-A	Method Blank	Total/NA	Drinking Water	533	162025
LCS 380-162025/22-A	Lab Control Sample	Total/NA	Drinking Water	533	162025
MRL 380-162025/21-A	Lab Control Sample	Total/NA	Drinking Water	533	162025
380-159460-B-3-A MS	Matrix Spike	Total/NA	Drinking Water	533	162025
380-159460-C-3-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	533	162025

Lab Chronicle

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Client Sample ID: WELL #1 AHF013 - S01
Date Collected: 07/06/25 09:40
Date Received: 07/08/25 10:04

Lab Sample ID: 380-159066-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			161677	XTD8	EA POM	07/09/25 07:55
Total/NA	Analysis	533		1	161862	SZ9R	EA POM	07/09/25 19:19

Client Sample ID: Field Blank - WELL #1 AHF013 - S01
Date Collected: 07/06/25 09:40
Date Received: 07/08/25 10:04

Lab Sample ID: 380-159066-2
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			162025	E2HD	EA POM	07/10/25 14:55
Total/NA	Analysis	533		1	162271	Y5FM	EA POM	07/11/25 12:41

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Laboratory: Eurofins Eaton Analytical Pomona

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C838	03-13-26

- 1
- 2
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- 17

Method Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA POM
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA POM

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Sample Summary

Client: Thurston Public Utility Distric No. 1
Project/Site: 88667

Job ID: 380-159066-1
SDG: Tolmie Park 239

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-159066-1	WELL #1 AHF013 - S01	Drinking Water	07/06/25 09:40	07/08/25 10:04
380-159066-2	Field Blank - WELL #1 AHF013 - S01	Drinking Water	07/06/25 09:40	07/08/25 10:04

- 1
- 2
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- 17

941 Corporate Center Drive
Pomona, CA 91768-2642
Phone (626) 386-1100

Envi



380-159066 COC

[illegible]

Per- and Polyfluoroalkyl Substances (PFAS)

Date Collected	7-6-25	System Group Type (circle one)	(A)	B	Other
Water System ID Number:	88667	System Name:	TOLUENE PARK	239	
Sample Location:	WELL # 1 TAP	County:	THURSTON		
Sample Purpose: (check appropriate box)		Source Number(s): (list all sources if blended or composited)	501		
☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)					
Sample Composition: (check appropriate box)		Sample Type: (check one)	☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other		
☐ S - Single Source ☐ B - Blended (list source numbers in "Source Numbers" field) ☐ C - Composite (list source numbers in "Source Numbers" field) ☐ D - Distribution Sample		Sample Collected by: (name)	KIK GIERZ		
		Phone Number	360 239 7172		

Login Sample Receipt Checklist

Client: Thurston Public Utility Distric No. 1

Job Number: 380-159066-1

SDG Number: Tolmie Park 239

Login Number: 159066

List Source: Eurofins Eaton Analytical Pomona

List Number: 1

Creator: Sanchez Velasquez, Gustavo

Question	Answer	Comment
The coolers custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
CIO4 headspace requirement met (>50% for CA, >30% for other states).	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

From: [Kirk Gietz](#)
To: [Kim Gubbe](#); [Rich Holmes](#)
Cc: [Sandra Furth](#); [David Gruver](#)
Subject: Re: Extra Sampling at Tolmie
Date: Thursday, September 18, 2025 11:15:02 AM
Attachments: [image001.png](#)

These samples are at lab now
At well temp 53 f
Ph 7.3

At home 6033 Tolmie dr ne
Temp 64 f
Ph 7.2

***Kirk Gietz
Thurston P.U.D.
Field tech 2***

This communication is a public record and may be subject to disclosure under the Washington State Public Records Act, RCW 42.56.

From: Kim Gubbe <kgubbe@thurstonpud.org>
Sent: Wednesday, September 17, 2025 4:13:59 PM
To: Kirk Gietz <kgietz@thurstonpud.org>; Rich Holmes <rholmes@thurstonpud.org>
Cc: Sandra Furth <sfurth@thurstonpud.org>; David Gruver <david.gruver@thurstonpud.org>
Subject: Extra Sampling at Tolmie

Could you please complete this extra sampling at Tolmie:

Well:

To Lab

Iron

Manganese

Hardness

Sodium

Chloride

Onsite

pH

temperature

In distribution:

To Lab

Hardness

Onsite

pH

temperature

Thanks,

Kim Gubbe

Director of Planning and Compliance

360-357-8783 ext. 125



This communication is a public record and may be subject to disclosure under the Washington State Public Records Act, RCW 42.56.



WATER MANAGEMENT LABORATORIES INC.

ENTERED

1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

Volatile Organic Compounds Report of Analysis

Date Collected: 10-15-2019	System Group Type: (circle one) (A) B Other
Water System ID Number: 88667P	System Name: Tolmie Park 239
Lab Number / Sample Number: 089 / 10891	County: Thurston
Sample Location: Distribution Tap Pumphouse	Source Number(s): (list all sources if blended or composited) S01
Sample Purpose: (check appropriate box) ☒ RC - Routine/Compliance (satisfies monitoring requirements) ☐ C - Confirmation (confirmation of chemical result)* ☐ I - Investigative (does not satisfy monitoring requirements) ☐ O - Other (specify - does not satisfy monitoring requirements)	Date Received: 10-15-2019 Date Analyzed: 10-21-2019 Date Reported: 11-04-2019 Supervisor Initials: <i>md</i>
Sample Composition: (check appropriate box) ☒ S - Single Source ☐ B - Blended (list source numbers in "Source Number" field) ☐ C - Composite (list source numbers in "Source Number" field) ☐ D - Distribution Sample	Sample Type: (check one) ☒ Pre-treatment/Untreated (Raw) ☐ Post-treatment (Finished) ☐ Unknown or Other Sample Collected by: Kirk Phone Number: 360-357-8783
Send Report & Bill to: Thurston PUD 1230 Ruddell Road Southeast, Lacey WA 98503	Comments:

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0045	Vinyl chloride	--	ND	0.5	0.5	2	µg/L	No	524.2/RL
0046	1,1- Dichloroethylene	--	ND	0.5	0.5	7	µg/L	No	524.2/RL
0047	1,1,1 Trichloroethane	--	ND	0.5	0.5	200	µg/L	No	524.2/RL
0048	Carbon tetrachloride	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0049	Benzene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0050	1,2 Dichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0051	Trichloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0052	Para-dichlorobenzene	--	ND	0.5	0.5	75	µg/L	No	524.2/RL
0056	Dichloromethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0057	trans-1,2-Dichloroethylene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0060	cis- 1,2-Dichloroethylene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0063	1,2- Dichloropropane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0066	Toluene	--	ND	0.5	0.5	1000	µg/L	No	524.2/RL
0067	1,1,2-Trichloroethane	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0068	Tetrachloroethylene	--	ND	0.5	0.5	5	µg/L	No	524.2/RL
0071	Monochlorobenzene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0073	Ethylbenzene	--	ND	0.5	0.5	700	µg/L	No	524.2/RL
0076	Styrene	--	ND	0.5	0.5	100	µg/L	No	524.2/RL
0084	Ortho-Dichlorobenzene	--	ND	0.5	0.5	600	µg/L	No	524.2/RL
0095	1,2,4- Trichlorobenzene	--	ND	0.5	0.5	70	µg/L	No	524.2/RL
0160	Total Xylenes	--	ND	0.5	0.5	10000	µg/L	No	524.2/RL
0074	m/p Xylenes (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0075	o- Xylene (MCL for Total)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0027	Chloroform	--	ND	0.5	--	--	µg/L	--	524.2/RL

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL?	METHOD/ INITIALS
0028	Bromodichloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0029	Dibromochloromethane	--	ND	0.5	--	--	µg/L	--	524.2/RL
0030	Bromoform	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0031	Total Trihalomethanes	--	ND	--	--	80	µg/L	No	524.2/RL
0053	Chloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0054	Bromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0058	1,1 Dichloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0072	1,1,1,2-Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0078	Bromobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0079	1,2,3- Trichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0081	O-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0085	Trichlorofluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0086	Bromochloromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0089	1,3,5- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0091	1,2,4- Trimethylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0092	sec- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0093	p- Isopropyltoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0094	n- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0096	Naphthalene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0104	Dichlorodifluoromethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0154	1,3 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0062	1,1 Dichloropropene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0064	Dibromomethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0070	1,3- Dichloropropane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0080	1,1,2,2 Tetrachloroethane	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0082	P-Chlorotoluene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0083	m- Dichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0087	Isopropylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0088	n- Propylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0090	tert- Butylbenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0097	Hexachlorobutadiene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0098	1,2,3 Trichlorobenzene	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0427	EDB (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
0428	DBCP (screening)	--	ND	0.5	0.5	--	µg/L	--	524.2/RL
N/A	MTBE	--	ND	0.5	0.5	--	µg/L	--	524.2/RL

Lab Number / Sample Number: 089 / 10891

Volatile Organic Compounds (cont)

LAB COMMENTS

* **Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

Analysis for EDB and DBCP is screening only. Detections of EDB and DBCP are confirmed using the fumigant test panel.

--No existing value.

µg/L: micrograms per liter or parts per billion.

ANALYTE: The name of an analyte being tested for.

DATA QUALIFIER: A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEED MCL: (Maximum Contamination Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.

RESULT: The laboratory reported result.

SDRL: (State Detection Reporting Limit): The minimum reportable detection of an analyte as established by the Department of Health

TRIGGER: The department's drinking water response level. Systems with contaminants detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.