BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

VIE0278
5/29/2025

Per- and Polyfluoralkyl Substances (PFAS) By EPA Method 537.1

REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27802**	County: **Clark**
Sample Location: **S04 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **04**
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: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
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: **Grant D Lewis** Phone Number: **360-835-2662**

Send results to:
City of Washougal
Adam Connolly
1701 C Street, Washougal, WA 98671

Bill to:
City of Washougal
Accounts Payable
1701 C Street, Washougal, WA 98671

REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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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.
Exceeds SAL: Marked if the contaminant amount exceeds the SAL under chapter 246-290 WAC. If you have questions about this result, please contact the department's drinking water regional office in your area.
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.
ND (Not Detected): In the results column, indicates this compound was analyzed and not detected at a level greater than or equal to the SDRL.

Lab Comments:

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5/29/2025

Per- and Polyfluoralkyl Substances (PFAS) By EPA Method 537.1

REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27804**	County: **Clark**
Sample Location: **S06 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **06**
Sample Purpose: (check appropriate box) [ ] RC - Routine/Compliance (satisfies monitoring requirements) [ ] C - Confirmation (confirmation of chemical result)* [X] I - Investigative (does not satisfy monitoring requirements) [ ] O - Other (specify-does not satisfy monitoring requirements)	Date Received: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
Sample Composition: (check appropriate box) [X] 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) [X] Post-treatment (Finished) [ ] Unknown or Other Sample Collected by: **Grant D Lewis** Phone Number: **360-835-2662**

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REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		ND	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		4.28	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		2.11	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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DOH#: Department assigned contaminant number.
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REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27805**	County: **Clark**
Sample Location: **S07 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **07**
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: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
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: **Grant D Lewis** Phone Number: **360-835-2662**

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REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		2.04	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		5.02	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		2.67	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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DOH#: Department assigned contaminant number.
Exceeds SAL: Marked if the contaminant amount exceeds the SAL under chapter 246-290 WAC. If you have questions about this result, please contact the department's drinking water regional office in your area.
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5/29/2025

Per- and Polyfluoralkyl Substances (PFAS) By EPA Method 537.1

REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27806**	County: **Clark**
Sample Location: **S05 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **05**
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: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
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: **Grant D Lewis** Phone Number: **360-835-2662**

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REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		3.80	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		7.12	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		2.83	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		2.10	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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DATA QUALIFIER: A symbol or letter to denote additional information about the result.
DOH#: Department assigned contaminant number.
Exceeds SAL: Marked if the contaminant amount exceeds the SAL under chapter 246-290 WAC. If you have questions about this result, please contact the department's drinking water regional office in your area.
METHOD/INITIALS: Analytical method used. / Initials of the analyst that performed the analysis.
ng/L: nanograms per liter or parts per trillion.
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REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27807**	County: **Clark**
Sample Location: **S11 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **11**
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: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
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: **Grant D Lewis** Phone Number: **360-835-2662**

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REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		3.44	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		7.14	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		2.82	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		2.17	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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VIE0278
5/29/2025

Per- and Polyfluoralkyl Substances (PFAS) By EPA Method 537.1

REPORT OF ANALYSIS

Date Collected: **05/14/25**	System Group Type: **A**
Water System ID Number: **93400**	System Name: **City of Washougal**
Lab -- Sample Number: **218-27808**	County: **Clark**
Sample Location: **S13 AFTER TREATMENT**	Source Number(s): (list all sources if blended or composited) **13**
Sample Purpose: (check appropriate box) [ ] RC - Routine/Compliance (satisfies monitoring requirements) [ ] C - Confirmation (confirmation of chemical result)* [X] I - Investigative (does not satisfy monitoring requirements) [ ] O - Other (specify-does not satisfy monitoring requirements)	Date Received: **05/14/25** Date Analyzed: **05/20/25** Date Reported: **05/29/25**
Sample Composition: (check appropriate box) [X] 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) [X] Post-treatment (Finished) [ ] Unknown or Other Sample Collected by: **Grant D Lewis** Phone Number: **360-835-2662**

Send results to:
City of Washougal
Adam Connolly
1701 C Street, Washougal, WA 98671

Bill to:
City of Washougal
Accounts Payable
1701 C Street, Washougal, WA 98671

REQUIRED ANALYTICAL RESULTS

DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		3.25	2	10	ng/L		EPA 537.1 / NMB
0433	(PFOS) Perfluorooctanesulfonic acid		6.71	2	15	ng/L		EPA 537.1 / NMB
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / NMB
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / NMB
0429	(PFBS) Perfluorobutanesulfonic acid		2.92	2	345	ng/L		EPA 537.1 / NMB
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0435	(PFHxA) Perfluorohexanoic acid		2.08	2	n/a	ng/L		EPA 537.1 / NMB
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0446	(9Cl-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / NMB
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0448	(11Cl-PF3OUdS) 11-Chloroeicosafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / NMB
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / NMB
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / NMB
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / NMB

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687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

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.
Exceeds SAL: Marked if the contaminant amount exceeds the SAL under chapter 246-290 WAC. If you have questions about this result, please contact the department's drinking water regional office in your area.
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.
ND (Not Detected): In the results column, indicates this compound was analyzed and not detected at a level greater than or equal to the SDRL.

Lab Comments:

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 537.1 - Quality Control											
Batch: AIE1264										Prepared: 5/20/2025	
Prep Method: EPA 537.1										Analyst: NMB	
Blank (AIE1264-BLK1)											
11Cl-PF3OUdS	ND	2.00	ng/L							05/20/25	
ADONA	ND	2.00	ng/L							05/20/25	
9Cl-PF3ONS	ND	2.00	ng/L							05/20/25	
HFPO-DA	ND	2.00	ng/L							05/20/25	
NEtFOSAA	ND	3.00	ng/L							05/20/25	
NMeFOSAA	ND	3.00	ng/L							05/20/25	
PFBS	ND	2.00	ng/L							05/20/25	
PFHxS	ND	2.00	ng/L							05/20/25	
PFOS	ND	2.00	ng/L							05/20/25	
PFDoA	ND	2.00	ng/L							05/20/25	
PFDA	ND	2.00	ng/L							05/20/25	
PFHpA	ND	2.00	ng/L							05/20/25	
PFHxA	ND	2.00	ng/L							05/20/25	
PFNA	ND	2.00	ng/L							05/20/25	
PFOA	ND	2.00	ng/L							05/20/25	
PFTDA	ND	2.00	ng/L							05/20/25	
PFTrDA	ND	2.00	ng/L							05/20/25	
PFUnDA	ND	2.00	ng/L							05/20/25	
Surrogate: 13C2-PFHxA	*181*			*160*		*113*	*70-130*			05/20/25	
Surrogate: 13C2-PFDA	*177*			*160*		*111*	*70-130*			05/20/25	
Surrogate: 13C3-HFPO-DA	*168*			*160*		*105*	*70-130*			05/20/25	
Surrogate: d5-NEtFOSAA	*174*			*160*		*109*	*70-130*			05/20/25	
Blank Spike (AIE1264-BS1)											
11Cl-PF3OUdS	11.2	2.00	ng/L	10.0	ND	112	70-130			05/20/25	
ADONA	12.4	2.00	ng/L	10.0	ND	124	70-130			05/20/25	
9Cl-PF3ONS	11.9	2.00	ng/L	10.0	ND	119	70-130			05/20/25	
HFPO-DA	10.7	2.00	ng/L	10.0	ND	107	70-130			05/20/25	
NEtFOSAA	11.5	3.00	ng/L	10.0	ND	115	70-130			05/20/25	
NMeFOSAA	12.7	3.00	ng/L	10.0	ND	127	70-130			05/20/25	
PFBS	11.9	2.00	ng/L	10.0	ND	119	70-130			05/20/25	
PFHxS	11.8	2.00	ng/L	10.0	ND	118	70-130			05/20/25	
PFOS	11.9	2.00	ng/L	10.0	ND	119	70-130			05/20/25	
PFDoA	9.92	2.00	ng/L	10.0	ND	99	70-130			05/20/25	
PFDA	10.6	2.00	ng/L	10.0	ND	106	70-130			05/20/25	
PFHpA	12.2	2.00	ng/L	10.0	ND	122	70-130			05/20/25	
PFHxA	11.3	2.00	ng/L	10.0	ND	113	70-130			05/20/25	
PFNA	11.6	2.00	ng/L	10.0	ND	116	70-130			05/20/25	
PFOA	12.2	2.00	ng/L	10.0	ND	122	70-130			05/20/25	
PFTDA	9.56	2.00	ng/L	10.0	ND	96	70-130			05/20/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 537.1 - Quality Control											
Batch: AIE1264										Prepared: 5/20/2025	
Prep Method: EPA 537.1										Analyst: NMB	
Blank Spike (AIE1264-BS1)											
PFTrDA	10.0	2.00	ng/L	10.0	ND	100	70-130			05/20/25	
PFUnDA	10.0	2.00	ng/L	10.0	ND	100	70-130			05/20/25	
Surrogate: 13C2-PFHxA	*176*			*160*		*110*	*70-130*			05/20/25	
Surrogate: 13C2-PFDA	*171*			*160*		*107*	*70-130*			05/20/25	
Surrogate: 13C3-HFPO-DA	*158*			*160*		*99*	*70-130*			05/20/25	
Surrogate: d5-NEtFOSAA	*174*			*160*		*109*	*70-130*			05/20/25	
Matrix Spike (AIE1264-MS1), Source: AIE2132-01											
11Cl-PF3OUdS	2.56	2.00	ng/L	1.98	ND	129	50-150			05/20/25	
ADONA	1.75	2.00	ng/L	1.98	ND	88	50-150			05/20/25	
9Cl-PF3ONS	2.56	2.00	ng/L	1.98	ND	129	50-150			05/20/25	
HFPO-DA	1.92	2.00	ng/L	1.98	ND	97	50-150			05/20/25	
NEtFOSAA	1.83	3.00	ng/L	1.98	ND	92	50-150			05/20/25	
NMeFOSAA	2.36	3.00	ng/L	1.98	ND	119	50-150			05/20/25	
PFBS	3.85	2.00	ng/L	1.98	ND	100	50-150			05/20/25	
PFHxS	2.56	2.00	ng/L	1.98	ND	129	50-150			05/20/25	
PFOS	4.21	2.00	ng/L	1.98	ND	121	50-150			05/20/25	
PFDoA	2.87	2.00	ng/L	1.98	ND	145	50-150			05/20/25	
PFDA	3.00	2.00	ng/L	1.98	ND	151	50-150			05/20/25	MS1.0 ***High***
PFHpA	2.60	2.00	ng/L	1.98	ND	131	50-150			05/20/25	
PFHxA	3.10	2.00	ng/L	1.98	ND	122	50-150			05/20/25	
PFNA	2.60	2.00	ng/L	1.98	ND	131	50-150			05/20/25	
PFOA	3.65	2.00	ng/L	1.98	ND	119	50-150			05/20/25	
PFTDA	2.76	2.00	ng/L	1.98	ND	139	50-150			05/20/25	
PFTrDA	2.91	2.00	ng/L	1.98	ND	147	50-150			05/20/25	
PFUnDA	2.67	2.00	ng/L	1.98	ND	135	50-150			05/20/25	
Surrogate: 13C2-PFHxA	*165*			*159*		*104*	*70-130*			05/20/25	
Surrogate: 13C2-PFDA	*218*			*159*		*138*	*70-130*			05/20/25	*SR1.1*
Surrogate: 13C3-HFPO-DA	*151*			*159*		*95*	*70-130*			05/20/25	
Surrogate: d5-NEtFOSAA	*154*			*159*		*97*	*70-130*			05/20/25	
Matrix Spike Dup (AIE1264-MSD1), Source: AIE2132-01											
11Cl-PF3OUdS	2.53	2.00	ng/L	1.95	ND	130	50-150	1	30	05/20/25	
ADONA	1.61	2.00	ng/L	1.95	ND	83	50-150	9	30	05/20/25	
9Cl-PF3ONS	2.41	2.00	ng/L	1.95	ND	124	50-150	6	30	05/20/25	
HFPO-DA	1.93	2.00	ng/L	1.95	ND	99	50-150	1	30	05/20/25	
NEtFOSAA	1.74	3.00	ng/L	1.95	ND	90	50-150	5	30	05/20/25	
NMeFOSAA	1.88	3.00	ng/L	1.95	ND	96	50-150	23	30	05/20/25	
PFBS	3.73	2.00	ng/L	1.95	ND	96	50-150	3	30	05/20/25	
PFHxS	2.32	2.00	ng/L	1.95	ND	119	50-150	10	30	05/20/25	
PFOS	3.97	2.00	ng/L	1.95	ND	111	50-150	6	30	05/20/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 537.1 - Quality Control											
Batch: AIE1264										Prepared: 5/20/2025	
Prep Method: EPA 537.1										Analyst: NMB	
Matrix Spike Dup (AIE1264-MSD1), Source: AIE2132-01											
PFDoA	2.90	2.00	ng/L	1.95	ND	149	50-150	1	30	05/20/25	
PFDA	2.98	2.00	ng/L	1.95	ND	153	50-150	1	30	05/20/25	MS1.0 ***High***
PFHpA	2.49	2.00	ng/L	1.95	ND	128	50-150	4	30	05/20/25	
PFHxA	3.04	2.00	ng/L	1.95	ND	122	50-150	2	30	05/20/25	
PFNA	2.83	2.00	ng/L	1.95	ND	146	50-150	8	30	05/20/25	
PFOA	3.61	2.00	ng/L	1.95	ND	119	50-150	1	30	05/20/25	
PFTDA	3.05	2.00	ng/L	1.95	ND	157	50-150	10	30	05/20/25	MS1.0 ***High***
PFTrDA	2.87	2.00	ng/L	1.95	ND	147	50-150	2	30	05/20/25	
PFUnDA	2.56	2.00	ng/L	1.95	ND	132	50-150	4	30	05/20/25	
Surrogate: 13C2-PFHxA	*159*			*156*		*102*	*70-130*			05/20/25	
Surrogate: 13C2-PFDA	*217*			*156*		*140*	*70-130*			05/20/25	*SR1.1*
Surrogate: 13C3-HFPO-DA	*149*			*156*		*96*	*70-130*			05/20/25	
Surrogate: d5-NEtFOSAA	*141*			*156*		*91*	*70-130*			05/20/25	
EPA 537.1 - Quality Control											
Batch: AIE1469										Prepared: 5/22/2025	
Prep Method: EPA 537.1										Analyst: JNG	
Blank (AIE1469-BLK1)											
11Cl-PF3OUdS	ND	2.0	ng/L							05/22/25	
ADONA	ND	2.0	ng/L							05/22/25	
9Cl-PF3ONS	ND	2.0	ng/L							05/22/25	
HFPO-DA	ND	2.0	ng/L							05/22/25	
NEtFOSAA	ND	3.0	ng/L							05/22/25	
NMeFOSAA	ND	3.0	ng/L							05/22/25	
PFBS	ND	2.0	ng/L							05/22/25	
PFHxS	ND	2.0	ng/L							05/22/25	
PFOS	ND	2.0	ng/L							05/22/25	
PFDoA	ND	2.0	ng/L							05/22/25	
PFDA	ND	2.0	ng/L							05/22/25	
PFHpA	ND	2.0	ng/L							05/22/25	
PFHxA	ND	2.0	ng/L							05/22/25	
PFNA	ND	2.0	ng/L							05/22/25	
PFOA	ND	2.0	ng/L							05/22/25	
PFTDA	ND	2.0	ng/L							05/22/25	
PFTrDA	ND	2.0	ng/L							05/22/25	
PFUnDA	ND	2.0	ng/L							05/22/25	
Surrogate: 13C2-PFHxA	*170*			*160*		*109*	*70-130*			05/22/25	
Surrogate: 13C2-PFDA	*170*			*160*		*107*	*70-130*			05/22/25	
Surrogate: 13C3-HFPO-DA	*160*			*160*		*98*	*70-130*			05/22/25	
Surrogate: d5-NEtFOSAA	*160*			*160*		*102*	*70-130*			05/22/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 537.1 - Quality Control											
Batch: AIE1469										Prepared: 5/22/2025	
Prep Method: EPA 537.1										Analyst: JNG	
Blank Spike (AIE1469-BS1)											
11Cl-PF3OUdS	2.3	2.0	ng/L	2.0	ND	114	50-150			05/23/25	
ADONA	2.5	2.0	ng/L	2.0	ND	126	50-150			05/23/25	
9Cl-PF3ONS	2.5	2.0	ng/L	2.0	ND	123	50-150			05/23/25	
HFPO-DA	2.1	2.0	ng/L	2.0	ND	103	50-150			05/23/25	
NEtFOSAA	2.2	3.0	ng/L	2.0	ND	110	50-150			05/23/25	
NMeFOSAA	2.9	3.0	ng/L	2.0	ND	144	50-150			05/23/25	
PFBS	2.3	2.0	ng/L	2.0	ND	117	50-150			05/23/25	
PFHxS	2.4	2.0	ng/L	2.0	ND	122	50-150			05/23/25	
PFOS	2.4	2.0	ng/L	2.0	ND	121	50-150			05/23/25	
PFDoA	2.1	2.0	ng/L	2.0	ND	103	50-150			05/23/25	
PFDA	2.4	2.0	ng/L	2.0	ND	119	50-150			05/23/25	
PFHpA	2.6	2.0	ng/L	2.0	ND	129	50-150			05/23/25	
PFHxA	2.4	2.0	ng/L	2.0	ND	119	50-150			05/23/25	
PFNA	2.5	2.0	ng/L	2.0	ND	123	50-150			05/23/25	
PFOA	2.6	2.0	ng/L	2.0	ND	128	50-150			05/23/25	
PFTDA	2.0	2.0	ng/L	2.0	ND	101	50-150			05/23/25	
PFTrDA	2.1	2.0	ng/L	2.0	ND	107	50-150			05/23/25	
PFUnDA	2.1	2.0	ng/L	2.0	ND	106	50-150			05/23/25	
Surrogate: 13C2-PFHxA	*160*			*160*		*103*	*70-130*			05/23/25	
Surrogate: 13C2-PFDA	*170*			*160*		*105*	*70-130*			05/23/25	
Surrogate: 13C3-HFPO-DA	*150*			*160*		*94*	*70-130*			05/23/25	
Surrogate: d5-NEtFOSAA	*160*			*160*		*100*	*70-130*			05/23/25	
Matrix Spike (AIE1469-MS1), Source: AIE2646-01											
11Cl-PF3OUdS	35	2.0	ng/L	30	ND	118	70-130			05/23/25	
ADONA	36	2.0	ng/L	30	ND	119	70-130			05/23/25	
9Cl-PF3ONS	38	2.0	ng/L	30	ND	126	70-130			05/23/25	
HFPO-DA	32	2.0	ng/L	30	ND	108	70-130			05/23/25	
NEtFOSAA	30	3.0	ng/L	30	ND	101	70-130			05/23/25	
NMeFOSAA	36	3.0	ng/L	30	ND	121	70-130			05/23/25	
PFBS	40	2.0	ng/L	30	5.1	115	70-130			05/23/25	
PFHxS	37	2.0	ng/L	30	ND	123	70-130			05/23/25	
PFOS	37	2.0	ng/L	30	ND	122	70-130			05/23/25	
PFDoA	31	2.0	ng/L	30	ND	105	70-130			05/23/25	
PFDA	36	2.0	ng/L	30	ND	119	70-130			05/23/25	
PFHpA	36	2.0	ng/L	30	ND	120	70-130			05/23/25	
PFHxA	37	2.0	ng/L	30	3.1	114	70-130			05/23/25	
PFNA	37	2.0	ng/L	30	ND	123	70-130			05/23/25	
PFOA	34	2.0	ng/L	30	ND	115	70-130			05/23/25	
PFTDA	33	2.0	ng/L	30	ND	111	70-130			05/23/25	

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EPA 537.1 - Quality Control											
Batch: AIE1469										Prepared: 5/22/2025	
Prep Method: EPA 537.1										Analyst: JNG	
Matrix Spike (AIE1469-MS1), Source: AIE2646-01											
PFTrDA	33	2.0	ng/L	30	ND	109	70-130			05/23/25	
PFUnDA	33	2.0	ng/L	30	ND	111	70-130			05/23/25	
Surrogate: 13C2-PFHxA	*170*			*160*		*108*	*70-130*			05/23/25	
Surrogate: 13C2-PFDA	*170*			*160*		*109*	*70-130*			05/23/25	
Surrogate: 13C3-HFPO-DA	*170*			*160*		*105*	*70-130*			05/23/25	
Surrogate: d5-NEtFOSAA	*150*			*160*		*95*	*70-130*			05/23/25	
Matrix Spike Dup (AIE1469-MSD1), Source: AIE2646-01											
11Cl-PF3OUdS	34	2.0	ng/L	29	ND	116	70-130	4	30	05/23/25	
ADONA	35	2.0	ng/L	29	ND	118	70-130	4	30	05/23/25	
9Cl-PF3ONS	36	2.0	ng/L	29	ND	123	70-130	5	30	05/23/25	
HFPO-DA	32	2.0	ng/L	29	ND	110	70-130	1	30	05/23/25	
NEtFOSAA	31	3.0	ng/L	29	ND	107	70-130	3	30	05/23/25	
NMeFOSAA	35	3.0	ng/L	29	ND	119	70-130	4	30	05/23/25	
PFBS	38	2.0	ng/L	29	5.1	113	70-130	4	30	05/23/25	
PFHxS	36	2.0	ng/L	29	ND	122	70-130	4	30	05/23/25	
PFOS	36	2.0	ng/L	29	ND	122	70-130	3	30	05/23/25	
PFDoA	30	2.0	ng/L	29	ND	104	70-130	4	30	05/23/25	
PFDA	32	2.0	ng/L	29	ND	109	70-130	11	30	05/23/25	
PFHpA	34	2.0	ng/L	29	ND	117	70-130	5	30	05/23/25	
PFHxA	36	2.0	ng/L	29	3.1	112	70-130	4	30	05/23/25	
PFNA	36	2.0	ng/L	29	ND	122	70-130	4	30	05/23/25	
PFOA	34	2.0	ng/L	29	ND	117	70-130	1	30	05/23/25	
PFTDA	31	2.0	ng/L	29	ND	108	70-130	5	30	05/23/25	
PFTrDA	32	2.0	ng/L	29	ND	109	70-130	3	30	05/23/25	
PFUnDA	32	2.0	ng/L	29	ND	111	70-130	2	30	05/23/25	
Surrogate: 13C2-PFHxA	*160*			*160*		*105*	*70-130*			05/23/25	
Surrogate: 13C2-PFDA	*160*			*160*		*106*	*70-130*			05/23/25	
Surrogate: 13C3-HFPO-DA	*170*			*160*		*112*	*70-130*			05/23/25	
Surrogate: d5-NEtFOSAA	*150*			*160*		*99*	*70-130*			05/23/25	