



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

VHG0295
 7/30/2024

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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29501	County: Clark
Sample Location: S04 Before Treatment S01	Source Number(s): (list all sources if blended or composited) 04
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant 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		2.67	2	10	ng/L		EPA 537.1 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		2.34	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosadecafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

VHG0295 FINAL 07302024 1248



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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29503	County: Clark
Sample Location: S11 Before Treatment	Source Number(s): (list all sources if blended or composited) 11
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant 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 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosadecafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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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: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29505	County: Clark
Sample Location: S13 Before Treatment	Source Number(s): (list all sources if blended or composited) 13
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant 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 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosafafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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DOH#: Department assigned contaminant number.

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

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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29508	County: Clark
Sample Location: S06, S07, S05 After Treatment	Source Number(s): (list all sources if blended or composited) 06,07,05
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
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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 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosadecafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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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.
- 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.
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- 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.

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REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29509	County: Clark
Sample Location: S11, S13 After Treatment	Source Number(s): (list all sources if blended or composited) 11,13
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
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DOH #	CONSTITUENT	DATA QUALIFIERS	RESULTS	SDRL	SAL	UNITS	EXCEEDS SAL? (X if Yes)	METHOD/ Initials
0434	(PFOA) Perfluorooctanoic acid		3.01	2	10	ng/L		EPA 537.1 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		6.97	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		2.92	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		2.96	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosafafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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- 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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 Fresno, CA 93727
 559-497-2888 (Main)

VHG0295
 7/30/2024

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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29510	County: Clark
Sample Location: S06 Before Treatment	Source Number(s): (list all sources if blended or composited) 06
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/19/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant 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		3.24	2	10	ng/L		EPA 537.1 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		7.92	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		4.19	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		2.14	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosafafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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Lab Comments:



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VHG0295
 7/30/2024

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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29512	County: Clark
Sample Location: S07 Before Treatment	Source Number(s): (list all sources if blended or composited) 07
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/20/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant Lewis Phone Number: 360-835-2662

Send results to:
 City of Washougal
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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 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		ND	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		ND	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosadecafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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VHG0295
 7/30/2024

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Lab Comments:



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VHG0295
 7/30/2024

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

REPORT OF ANALYSIS

Date Collected: 07/16/24	System Group Type: A
Water System ID Number: 93400	System Name: City of Washougal
Lab -- Sample Number: 218-29514	County: Clark
Sample Location: S05 Before Treatment	Source Number(s): (list all sources if blended or composited) 05
Sample Purpose: (check appropriate box) <input checked="" type="checkbox"/> RC - Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> C - Confirmation (confirmation of chemical result)* <input type="checkbox"/> I - Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> O - Other (specify-does not satisfy monitoring requirements)	Date Received: 07/16/24 Date Analyzed: 07/20/24 Date Reported: 07/30/24
Sample Composition: (check appropriate box) <input checked="" type="checkbox"/> S - Single Source <input type="checkbox"/> B - Blended (List source numbers in "Source Numbers" field) <input type="checkbox"/> C - Composite (List source numbers in "Source Numbers" field) <input type="checkbox"/> D - Distribution sample	Sample Type: (check one) <input checked="" type="checkbox"/> Pre-Treatment/Untreated (Raw) <input type="checkbox"/> Post-treatment (Finished) <input type="checkbox"/> Unknown or Other Sample Collected by: Grant 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		2.16	2	10	ng/L		EPA 537.1 / JNG
0433	(PFOS) Perfluorooctanesulfonic acid		3.30	2	15	ng/L		EPA 537.1 / JNG
0431	(PFHxS) Perfluorohexanesulfonic acid		ND	2	65	ng/L		EPA 537.1 / JNG
0432	(PFNA) Perfluorononanoic acid		ND	2	9	ng/L		EPA 537.1 / JNG
0429	(PFBS) Perfluorobutanesulfonic acid		2.26	2	345	ng/L		EPA 537.1 / JNG
0430	(PFHpA) Perfluoroheptanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0435	(PFHxA) Perfluorohexanoic acid		2.79	2	n/a	ng/L		EPA 537.1 / JNG
0436	(PFDA) Perfluorodecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0437	(PFUnA) Perfluoroundecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0438	(PFDoA) Perfluorododecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0445	(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0446	(9CI-PF3ONS) 9-Chlorohexadecafluoro-3-oxanone-1-su		ND	2	n/a	ng/L		EPA 537.1 / JNG
0447	(HFPO-DA) Hexafluoropropylene oxide dimer acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0448	(11CI-PF3OUdS) 11-Chloroicosadecafluoro-3-oxaundecane		ND	2	n/a	ng/L		EPA 537.1 / JNG
0439	(PFTrDA) Perfluorotridecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0440	(PFTA) Perfluorotetradecanoic acid		ND	2	n/a	ng/L		EPA 537.1 / JNG
0441	(NEtFOSAA) N-ethyl perfluorooctanesulfonamidoaceti		ND	2	n/a	ng/L		EPA 537.1 / JNG
0442	(NMeFOSAA) N-methyl perfluorooctanesulfonamidoacet		ND	2	n/a	ng/L		EPA 537.1 / JNG

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 Fresno, CA 93727
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VHG0295
 7/30/2024

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Lab Comments:



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VHG0295
 7/30/2024

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHG1214

Prepared: 7/19/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank (AHG1214-BLK1)

11CI-PF3OUdS	ND	2.00	ng/L							07/19/24	
ADONA	ND	2.00	ng/L							07/19/24	
9CI-PF3ONS	ND	2.00	ng/L							07/19/24	
HFPO-DA	ND	2.00	ng/L							07/19/24	
NEtFOSAA	ND	3.00	ng/L							07/19/24	
NMeFOSAA	ND	3.00	ng/L							07/19/24	
PFBS	ND	2.00	ng/L							07/19/24	
PFHxS	ND	2.00	ng/L							07/19/24	
PFOS	ND	2.00	ng/L							07/19/24	
PFDoA	ND	2.00	ng/L							07/19/24	
PFDA	ND	2.00	ng/L							07/19/24	
PFHpA	ND	2.00	ng/L							07/19/24	
PFHxA	ND	2.00	ng/L							07/19/24	
PFNA	ND	2.00	ng/L							07/19/24	
PFOA	ND	2.00	ng/L							07/19/24	
PFTDA	ND	2.00	ng/L							07/19/24	
PFTDA	ND	2.00	ng/L							07/19/24	
PFUnDA	ND	2.00	ng/L							07/19/24	
Surrogate: 13C2-PFHxA	173			160		108	70-130			07/19/24	
Surrogate: 13C2-PFDA	170			160		107	70-130			07/19/24	
Surrogate: 13C3-HFPO-DA	172			160		108	70-130			07/19/24	
Surrogate: d5-NEtFOSAA	164			160		102	70-130			07/19/24	

Blank Spike (AHG1214-BS1)

11CI-PF3OUdS	28.2	2.00	ng/L	30.0	ND	94	70-130			07/19/24	
ADONA	29.8	2.00	ng/L	30.0	ND	99	70-130			07/19/24	
9CI-PF3ONS	29.7	2.00	ng/L	30.0	ND	99	70-130			07/19/24	
HFPO-DA	30.4	2.00	ng/L	30.0	ND	101	70-130			07/19/24	
NEtFOSAA	28.9	3.00	ng/L	30.0	ND	96	70-130			07/19/24	
NMeFOSAA	28.4	3.00	ng/L	30.0	ND	95	70-130			07/19/24	
PFBS	26.5	2.00	ng/L	30.0	ND	88	70-130			07/19/24	
PFHxS	25.4	2.00	ng/L	30.0	ND	85	70-130			07/19/24	
PFOS	30.2	2.00	ng/L	30.0	ND	101	70-130			07/19/24	
PFDoA	30.2	2.00	ng/L	30.0	ND	101	70-130			07/19/24	
PFDA	34.0	2.00	ng/L	30.0	ND	113	70-130			07/19/24	
PFHpA	30.4	2.00	ng/L	30.0	ND	101	70-130			07/19/24	
PFHxA	30.0	2.00	ng/L	30.0	ND	100	70-130			07/19/24	
PFNA	28.2	2.00	ng/L	30.0	ND	94	70-130			07/19/24	
PFOA	29.6	2.00	ng/L	30.0	ND	99	70-130			07/19/24	
PFTDA	30.8	2.00	ng/L	30.0	ND	103	70-130			07/19/24	

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VHG0295
 7/30/2024

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHG1214

Prepared: 7/19/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank Spike (AHG1214-BS1)

PFTrDA	31.3	2.00	ng/L	30.0	ND	104	70-130			07/19/24	
PFUnDA	32.2	2.00	ng/L	30.0	ND	107	70-130			07/19/24	
Surrogate: 13C2-PFHxA	167			160		104	70-130			07/19/24	
Surrogate: 13C2-PFDA	162			160		101	70-130			07/19/24	
Surrogate: 13C3-HFPO-DA	160			160		100	70-130			07/19/24	
Surrogate: d5-NEtFOSAA	150			160		94	70-130			07/19/24	

Matrix Spike (AHG1214-MS1), Source: AHG2484-01

11CI-PF3OUdS	1.92	2.00	ng/L	1.93	ND	99	70-130			07/19/24	
ADONA	1.96	2.00	ng/L	1.93	ND	101	70-130			07/19/24	
9CI-PF3ONS	1.92	2.00	ng/L	1.93	ND	100	70-130			07/19/24	
HFPO-DA	1.91	2.00	ng/L	1.93	ND	99	70-130			07/19/24	
NEtFOSAA	2.56	3.00	ng/L	1.93	ND	132	70-130			07/19/24	MS1.6 High
NMeFOSAA	2.00	3.00	ng/L	1.93	ND	104	70-130			07/19/24	
PFBS	2.51	2.00	ng/L	1.93	2.50	1	70-130			07/19/24	MS1.0 Low
PFHxS	3.54	2.00	ng/L	1.93	ND	137	70-130			07/19/24	MS1.6 High
PFOS	4.32	2.00	ng/L	1.93	6.02	NR	70-130			07/19/24	MS1.0 Low
PFDoA	2.37	2.00	ng/L	1.93	ND	123	70-130			07/19/24	
PFDA	2.39	2.00	ng/L	1.93	ND	124	70-130			07/19/24	
PFHpA	2.46	2.00	ng/L	1.93	ND	75	70-130			07/19/24	
PFHxA	2.80	2.00	ng/L	1.93	ND	50	70-130			07/19/24	MS1.6 Low
PFNA	1.76	2.00	ng/L	1.93	ND	91	70-130			07/19/24	
PFOA	4.40	2.00	ng/L	1.93	2.86	80	70-130			07/19/24	
PFTDA	1.89	2.00	ng/L	1.93	ND	98	70-130			07/19/24	
PFTTrDA	1.96	2.00	ng/L	1.93	ND	101	70-130			07/19/24	
PFUnDA	2.15	2.00	ng/L	1.93	ND	111	70-130			07/19/24	
Surrogate: 13C2-PFHxA	153			154		99	70-130			07/19/24	
Surrogate: 13C2-PFDA	161			154		104	70-130			07/19/24	
Surrogate: 13C3-HFPO-DA	147			154		95	70-130			07/19/24	
Surrogate: d5-NEtFOSAA	147			154		96	70-130			07/19/24	

Matrix Spike Dup (AHG1214-MSD1), Source: AHG2484-01

11CI-PF3OUdS	1.81	2.00	ng/L	1.88	ND	96	70-130	6	30	07/19/24	
ADONA	1.91	2.00	ng/L	1.88	ND	101	70-130	3	30	07/19/24	
9CI-PF3ONS	1.91	2.00	ng/L	1.88	ND	101	70-130	1	30	07/19/24	
HFPO-DA	2.01	2.00	ng/L	1.88	ND	107	70-130	5	30	07/19/24	
NEtFOSAA	2.26	3.00	ng/L	1.88	ND	120	70-130	12	30	07/19/24	
NMeFOSAA	2.08	3.00	ng/L	1.88	ND	111	70-130	4	30	07/19/24	
PFBS	2.49	2.00	ng/L	1.88	2.50	0	70-130	1	30	07/19/24	MS1.0 Low
PFHxS	3.60	2.00	ng/L	1.88	ND	144	70-130	2	30	07/19/24	MS1.6 High
PFOS	3.91	2.00	ng/L	1.88	6.02	NR	70-130	10	30	07/19/24	MS1.0 Low

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VHG0295 FINAL 07302024 1248



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VHG0295
 7/30/2024

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHG1214

Prepared: 7/19/2024

Prep Method: EPA 537.1

Analyst: JNG

Matrix Spike Dup (AHG1214-MSD1), Source: AHG2484-01

PFD _o A	1.74	2.00	ng/L	1.88	ND	93	70-130	31	30	07/19/24	MS2.0
PFDA	2.01	2.00	ng/L	1.88	ND	107	70-130	18	30	07/19/24	
PFHpA	2.24	2.00	ng/L	1.88	ND	66	70-130	9	30	07/19/24	MS1.6 Low
PFHxA	2.64	2.00	ng/L	1.88	ND	42	70-130	6	30	07/19/24	MS1.0 Low
PFNA	1.74	2.00	ng/L	1.88	ND	93	70-130	1	30	07/19/24	
PFOA	4.44	2.00	ng/L	1.88	2.86	84	70-130	1	30	07/19/24	
PFTDA	1.89	2.00	ng/L	1.88	ND	101	70-130	0	30	07/19/24	
PFT _r DA	1.84	2.00	ng/L	1.88	ND	98	70-130	6	30	07/19/24	
PFUnDA	1.94	2.00	ng/L	1.88	ND	103	70-130	10	30	07/19/24	
Surrogate: 13C2-PFHxA	148			150		99	70-130			07/19/24	
Surrogate: 13C2-PFDA	155			150		103	70-130			07/19/24	
Surrogate: 13C3-HFPO-DA	145			150		97	70-130			07/19/24	
Surrogate: d5-NEtFOSAA	147			150		98	70-130			07/19/24	

EPA 537.1 - Quality Control

Batch: AHG1374

Prepared: 7/23/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank (AHG1374-BLK1)

11CI-PF3OUdS	ND	2.0	ng/L							07/24/24	
ADONA	ND	2.0	ng/L							07/24/24	
9CI-PF3ONS	ND	2.0	ng/L							07/24/24	
HFPO-DA	ND	2.0	ng/L							07/24/24	
NEtFOSAA	ND	3.0	ng/L							07/24/24	
NMeFOSAA	ND	3.0	ng/L							07/24/24	
PFBS	ND	2.0	ng/L							07/24/24	
PFHxS	ND	2.0	ng/L							07/24/24	
PFOS	ND	2.0	ng/L							07/24/24	
PFD _o A	ND	2.0	ng/L							07/24/24	
PFDA	ND	2.0	ng/L							07/24/24	
PFHpA	ND	2.0	ng/L							07/24/24	
PFHxA	ND	2.0	ng/L							07/24/24	
PFNA	ND	2.0	ng/L							07/24/24	
PFOA	ND	2.0	ng/L							07/24/24	
PFTDA	ND	2.0	ng/L							07/24/24	
PFT _r DA	ND	2.0	ng/L							07/24/24	
PFUnDA	ND	2.0	ng/L							07/24/24	
Surrogate: 13C2-PFHxA	140			160		89	70-130			07/24/24	
Surrogate: 13C2-PFDA	150			160		93	70-130			07/24/24	
Surrogate: 13C3-HFPO-DA	140			160		90	70-130			07/24/24	
Surrogate: d5-NEtFOSAA	150			160		93	70-130			07/24/24	

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VHG0295
 7/30/2024

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHG1374

Prepared: 7/23/2024

Prep Method: EPA 537.1

Analyst: JNG

Blank Spike (AHG1374-BS1)

11CI-PF3OUdS	1.9	2.0	ng/L	2.0	ND	95	70-130			07/24/24	
ADONA	1.9	2.0	ng/L	2.0	ND	96	70-130			07/24/24	
9CI-PF3ONS	1.9	2.0	ng/L	2.0	ND	93	70-130			07/24/24	
HFPO-DA	2.0	2.0	ng/L	2.0	ND	101	70-130			07/24/24	
NEtFOSAA	2.1	3.0	ng/L	2.0	ND	106	70-130			07/24/24	
NMeFOSAA	1.6	3.0	ng/L	2.0	ND	80	70-130			07/24/24	
PFBS	1.9	2.0	ng/L	2.0	ND	93	70-130			07/24/24	
PFHxS	1.7	2.0	ng/L	2.0	ND	86	70-130			07/24/24	
PFOS	2.0	2.0	ng/L	2.0	ND	98	70-130			07/24/24	
PFDoA	1.8	2.0	ng/L	2.0	ND	88	70-130			07/24/24	
PFDA	1.8	2.0	ng/L	2.0	ND	89	70-130			07/24/24	
PFHpA	1.9	2.0	ng/L	2.0	ND	96	70-130			07/24/24	
PFHxA	2.2	2.0	ng/L	2.0	ND	108	70-130			07/24/24	
PFNA	1.5	2.0	ng/L	2.0	ND	77	70-130			07/24/24	
PFOA	1.9	2.0	ng/L	2.0	ND	94	70-130			07/24/24	
PFTDA	1.9	2.0	ng/L	2.0	ND	93	70-130			07/24/24	
PFTrDA	1.6	2.0	ng/L	2.0	ND	82	70-130			07/24/24	
PFUnDA	2.1	2.0	ng/L	2.0	ND	106	70-130			07/24/24	
Surrogate: 13C2-PFHxA	150			160		92	70-130			07/24/24	
Surrogate: 13C2-PFDA	160			160		98	70-130			07/24/24	
Surrogate: 13C3-HFPO-DA	150			160		93	70-130			07/24/24	
Surrogate: d5-NEtFOSAA	160			160		98	70-130			07/24/24	

Matrix Spike (AHG1374-MS1), Source: AHG2946-01

11CI-PF3OUdS	11	2.0	ng/L	11	ND	106	70-130			07/24/24	
ADONA	11	2.0	ng/L	11	ND	103	70-130			07/24/24	
9CI-PF3ONS	11	2.0	ng/L	11	ND	101	70-130			07/24/24	
HFPO-DA	11	2.0	ng/L	11	ND	101	70-130			07/24/24	
NEtFOSAA	13	3.0	ng/L	11	ND	124	70-130			07/24/24	
NMeFOSAA	11	3.0	ng/L	11	ND	102	70-130			07/24/24	
PFBS	11	2.0	ng/L	11	ND	102	70-130			07/24/24	
PFHxS	10	2.0	ng/L	11	ND	97	70-130			07/24/24	
PFOS	11	2.0	ng/L	11	ND	105	70-130			07/24/24	
PFDoA	10	2.0	ng/L	11	ND	99	70-130			07/24/24	
PFDA	11	2.0	ng/L	11	ND	100	70-130			07/24/24	
PFHpA	11	2.0	ng/L	11	ND	106	70-130			07/24/24	
PFHxA	11	2.0	ng/L	11	ND	106	70-130			07/24/24	
PFNA	9.2	2.0	ng/L	11	ND	88	70-130			07/24/24	
PFOA	11	2.0	ng/L	11	ND	108	70-130			07/24/24	
PFTDA	11	2.0	ng/L	11	ND	108	70-130			07/24/24	

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VHG0295
 7/30/2024

BSK Associates Laboratory Fresno
Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
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EPA 537.1 - Quality Control

Batch: AHG1374

Prepared: 7/23/2024

Prep Method: EPA 537.1

Analyst: JNG

Matrix Spike (AHG1374-MS1), Source: AHG2946-01

PFTrDA	11	2.0	ng/L	11	ND	100	70-130			07/24/24	
PFUnDA	12	2.0	ng/L	11	ND	112	70-130			07/24/24	
Surrogate: 13C2-PFHxA	150			170		89	70-130			07/24/24	
Surrogate: 13C2-PFDA	160			170		95	70-130			07/24/24	
Surrogate: 13C3-HFPO-DA	160			170		92	70-130			07/24/24	
Surrogate: d5-NEtFOSAA	160			170		95	70-130			07/24/24	

Matrix Spike Dup (AHG1374-MSD1), Source: AHG2946-01

11CI-PF3OUdS	12	2.0	ng/L	11	ND	112	70-130	7	30	07/24/24	
ADONA	11	2.0	ng/L	11	ND	103	70-130	1	30	07/24/24	
9CI-PF3ONS	11	2.0	ng/L	11	ND	106	70-130	6	30	07/24/24	
HFPO-DA	11	2.0	ng/L	11	ND	105	70-130	6	30	07/24/24	
NEtFOSAA	12	3.0	ng/L	11	ND	112	70-130	9	30	07/24/24	
NMeFOSAA	10	3.0	ng/L	11	ND	95	70-130	5	30	07/24/24	
PFBS	11	2.0	ng/L	11	ND	104	70-130	4	30	07/24/24	
PFHxS	11	2.0	ng/L	11	ND	104	70-130	8	30	07/24/24	
PFOS	11	2.0	ng/L	11	ND	106	70-130	3	30	07/24/24	
PFDoA	10	2.0	ng/L	11	ND	95	70-130	3	30	07/24/24	
PFDA	11	2.0	ng/L	11	ND	102	70-130	3	30	07/24/24	
PFHpA	11	2.0	ng/L	11	ND	102	70-130	2	30	07/24/24	
PFHxA	11	2.0	ng/L	11	ND	100	70-130	5	30	07/24/24	
PFNA	8.5	2.0	ng/L	11	ND	80	70-130	8	30	07/24/24	
PFOA	10	2.0	ng/L	11	ND	96	70-130	11	30	07/24/24	
PFTDA	11	2.0	ng/L	11	ND	105	70-130	1	30	07/24/24	
PFTTrDA	11	2.0	ng/L	11	ND	100	70-130	1	30	07/24/24	
PFUnDA	12	2.0	ng/L	11	ND	108	70-130	2	30	07/24/24	
Surrogate: 13C2-PFHxA	150			170		87	70-130			07/24/24	
Surrogate: 13C2-PFDA	160			170		91	70-130			07/24/24	
Surrogate: 13C3-HFPO-DA	160			170		95	70-130			07/24/24	
Surrogate: d5-NEtFOSAA	160			170		94	70-130			07/24/24	

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