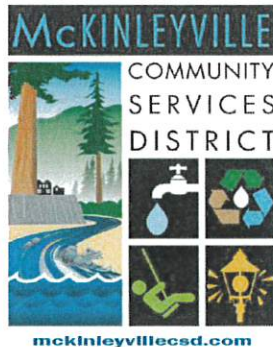


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PHONE: (707) 839-9003
FAX: (707) 839-5964

Date: 12/4/2020

To: State Water Resources Control Board

Subject: Monitoring Report for Treatment System for Water Order WQ 2020-0015-DWQ

As stated in Order WQ 2020-0015-DWQ, Attachment 3, Section C.2.b, One monitoring report for the treatment system monitoring shall be submitted into GeoTracker's ESI Portal no later than 60 days following the receipt of the last analytical laboratory report.

As per Order WQ 2020-0015-DWQ, Attachment 3. Section C.2.c the monitoring report shall include the following:

Text describing sampling locations utilized and a figure of the facility with locations of the influent and effluent of sampling point. See **Attachment 1** of this report.

Reported data in tabular format which includes analytical results and flow measurements. The Order does not Laboratory Lspecify what flow data dates you would like, so we included the entire month the samples were taken of influent and effluent flows. See **Attachment 2**.

Laboratory analysis sheets, including quality assurance/quality control information for which sample analysis were performed. See **Attachment 3**

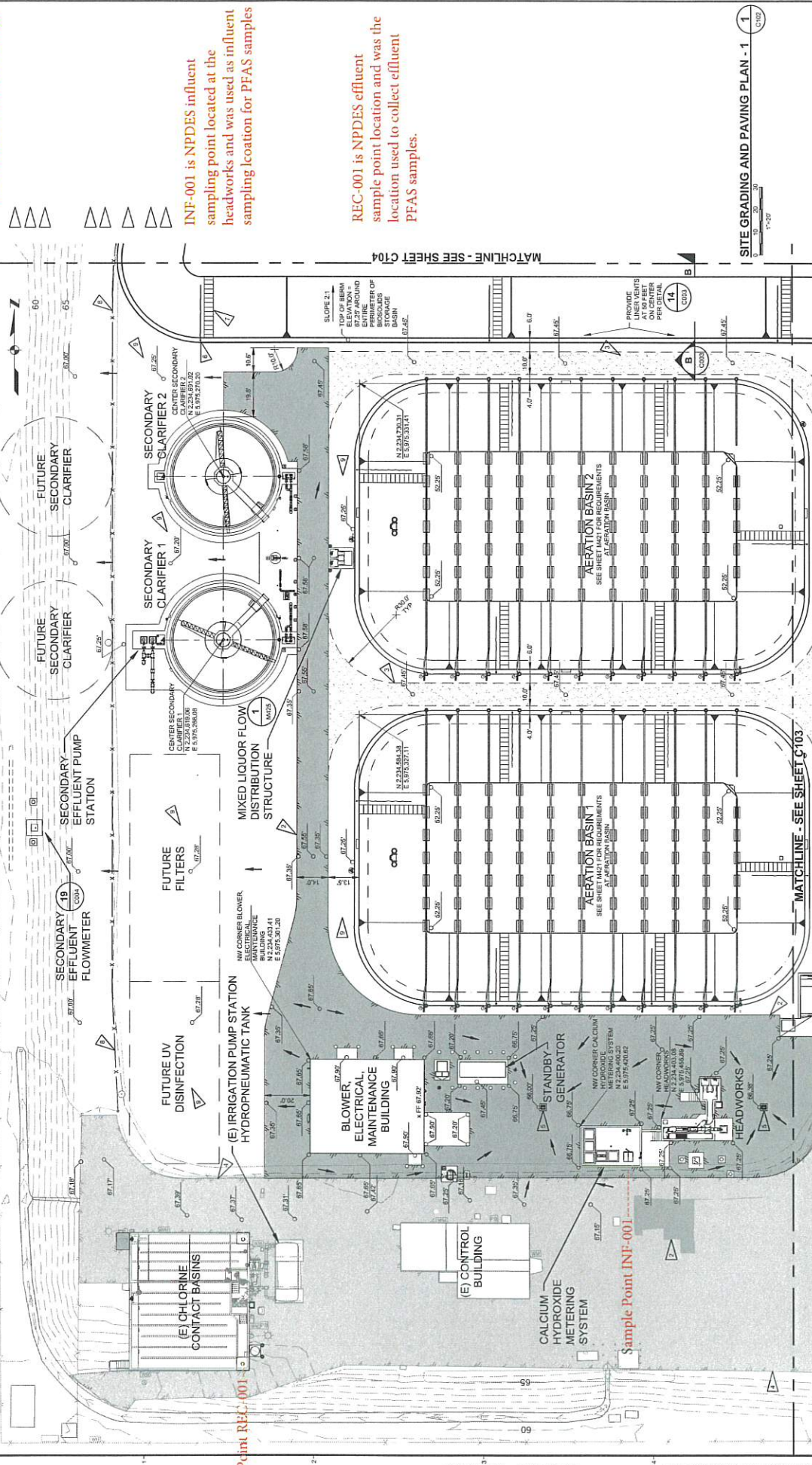
Description of any variations in sampling from what was provided to the Regional Water Board as part of section C.3.b. **There were no variations.**

"I, Patrick Kaspari, certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant civil penalties for submitting false information."

Date 12/7/2020



Patrick Kaspari, General Manager



Sample Point REC-001

INF-001 is NPDES influent sampling point located at the headworks and was used as influent sampling location for PFAS samples

REC-001 is NPDES effluent sample point location and was the location used to collect effluent PFAS samples.

1
SITE GRADING AND PAVING PLAN - 1

SEE SHEET C104

1:25

FILE NAME: 1389004-C102
JOB NO: 1389004-00
DATE: DECEMBER 2014
SYNOPSIS: C101

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
McKINLEYVILLE, CA
WASTEWATER MANAGEMENT FACILITY IMPROVEMENTS
Kennedy/Jenkins Consultants
SANTA ROSA, CALIFORNIA

DESIGNED WITH
DRAWN
CHECKED
DATE: 12-19-14

REVISION

NO. BY DATE

SCALE: 1" = 20'-0"

USE OF DOCUMENTS
THIS DOCUMENT, INCLUDING THE INCORPORATED REFERENCES, IS THE PROPERTY OF KENNEDY/JENKINS CONSULTANTS AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF KENNEDY/JENKINS CONSULTANTS.

Attachment 2 Flow Measurements

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
 WASTEWATER MANAGEMENT FACILITY
 EFFLUENT DISCHARGE DISPOSAL
 October 2020

Discharge			
Monitoring	INF-001	EFF-001	
		REC-001	
DATE	INFLUENT	EFFLUENT	MAXIMUM
	MGD	MGD	GPM
1	0.858	0.890	1214
2	0.857	0.716	952
3	0.869	0.688	713
4	0.917	0.686	757
5	0.879	0.903	1178
6	0.867	0.842	1063
7	0.848	0.828	1046
8	0.852	0.897	1170
9	0.851	0.809	1034
10	0.896	0.817	832
11	0.920	0.815	797
12	0.893	0.813	805
13	0.869	0.961	1210
14	0.870	0.807	1034
15	0.851	0.801	1037
16	0.846	0.691	776
17	0.877	0.760	906
18	0.905	0.758	840
19	0.880	0.855	1093
20	0.854	0.805	1096
21	0.859	0.822	1077
22	0.853	0.844	1143
23	0.849	0.700	844
24	0.866	0.667	798
25	0.914	0.668	764
26	0.872	0.832	1115
27	0.851	0.775	1031
28	0.855	0.786	1049
29	0.842	0.848	1122
30	0.847	0.686	985
31	0.869	0.613	781
TOTAL	26.078	24.383	

AVERAGE	0.869	0.787	976
MAXIMUM	0.920	0.961	1214
MINIMUM	0.842	0.613	713
DAYS	31	31	



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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
 McKinleyville, CA 95519

Analytical Report: Page 1 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
C0J3788-01	INF-001 ---ROUTINE---	Liquid	10/28/20 09:48	Drew Small	10/29/20 10:05	GLS
C0J3788-02	INF-001 (Field Blank) -- -ROUTINE---	Liquid	10/28/20 09:40	Drew Small	10/29/20 10:05	GLS
C0J3788-03	REC-001 ---ROUTINE---	Liquid	10/28/20 10:05	Drew Small	10/29/20 10:05	GLS
C0J3788-04	REC-001 (Field Blank) -- -ROUTINE---	Liquid	10/28/20 10:03	Drew Small	10/29/20 10:05	GLS

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CA ELAP No. 2698
 EPA No. CA00102
 NELAP No. OR4035
 LACSD No. 10119



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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
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Analytical Report: Page 2 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	10/28/20 09:48	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorobutanoic acid (PFBA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluoropentanoic acid (PFPeA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorooctanoic Acid (PFOA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluoronanesulfonic acid (PFNS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorononanoic Acid (PFNA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorodecanoic Acid (PFDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorotridecanoic Acid (PFTrDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorotetradecanoic Acid (PFTeDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	NISm
Perfluorooctadecanoic acid (PFOcDA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	NISm
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	

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 LACSD No. 10119



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Client Name: McKinleyville Community services District
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 Address: P.O. Box 2037
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Analytical Report: Page 3 of 11
 Project Name: No Project

Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	10/28/20 09:48	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
N-Ethylperfluorooctanesulfonami doethanol (EtFOSE)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
N-Methylperfluorooctanesulfonam idoethanol (MeFOSE)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
N-Ethylperfluorooctanesulfonami de (EtFOSA)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
N-Methylperfluorooctanesulfonam ide (MeFOSA)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
4:2 Fluorotelomer Sulfonate	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
8:2 Fluorotelomer Sulfonate	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
6:2 Fluorotelomer Sulfonate	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
10:2 Fluorotelomer sulfonate	ND	82	ng/L	ESB SOP T758	11/10/20 15:13	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoi c Acid (3:3 FTCA)	ND	51	ng/L	ESB SOP T758	11/10/20 15:13	DIS	

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 LACSD No. 10119



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Client Name: McKinleyville Community services District
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Analytical Report: Page 4 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: **C0J3788**

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 (Field Blank)	Liquid	10/28/20 09:40	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorobutanoic acid (PFBA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluoropentanoic acid (PFPeA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorooctanoic Acid (PFOA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorononanesulfonic acid (PFNS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorononanoic Acid (PFNA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorodecanoic Acid (PFDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorotridecanoic Acid (PFTTrDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorooctadecanoic acid (PFOCDA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	

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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
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Analytical Report: Page 5 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: **C0J3788**

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 (Field Blank)	Liquid	10/28/20 09:40	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Ethylperfluorooctanesulfonami doethanol (EtFOSE)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Methylperfluorooctanesulfonam idoethanol (MeFOSE)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Ethylperfluorooctanesulfonami de (EtFOSA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Methylperfluorooctanesulfonam ide (MeFOSA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
4:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
8:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
6:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
10:2 Fluorotelomer sulfonate	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
4,4,5,5,6,6,6-Heptafluorohexanol c Acid (3:3 FTCA)	ND	4.3	ng/L	ESB SOP T758	11/10/20 13:59	DIS	

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 NELAP No. OR4036
 LACSD No. 10119



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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
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Analytical Report: Page 6 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	10/28/20 10:05	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorobutanesulfonic Acid (PFBS)	16	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorobutanoic acid (PFBA)	36	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluoropentanoic acid (PFPeA)	38	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorohexanoic Acid (PFHxA)	20	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorooctanoic Acid (PFOA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perflurononanesulfonic acid (PFNS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perflurononanoic Acid (PFNA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorodecanoic Acid (PFDA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorotridecanoic Acid (PFTrDA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorotetradecanoic Acid (PFTeDA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorooctadecanoic acid (PFODA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	

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 EPA No. CA00102
 NELAP No. OR4035
 LACSD No. 10119



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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
 McKinleyville, CA 95519

Analytical Report: Page 7 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: **C0J3788**

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	10/28/20 10:05	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
N-Ethylperfluorooctanesulfonami doethanol (EtFOSE)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
N-Methylperfluorooctanesulfonam idoethanol (MeFOSE)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
N-Ethylperfluorooctanesulfonami de (EtFOSA)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
N-Methylperfluorooctanesulfonam ide (MeFOSA)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
4:2 Fluorotelomer Sulfonate	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
8:2 Fluorotelomer Sulfonate	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
6:2 Fluorotelomer Sulfonate	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
10:2 Fluorotelomer sulfonate	ND	14	ng/L	ESB SOP T758	11/10/20 15:31	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoi c Acid (3:3 FTCA)	ND	8.9	ng/L	ESB SOP T758	11/10/20 15:31	DIS	

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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
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Analytical Report: Page 8 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: **C0J3788**

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

C0J3788-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 (Field Blank)	Liquid	10/28/20 10:03	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorobutanoic acid (PFBA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluoropentanoic acid (PFPeA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorooctanoic Acid (PFOA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perflurononanesulfonic acid (PFNS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perflurononanoic Acid (PFNA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorodecanoic Acid (PFDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorotridecanoic Acid (PFTriDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	

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 LACSD No. 10119



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Client Name: McKinleyville Community services District
 Contact: James Henry
 Address: P.O. Box 2037
 McKinleyville, CA 95519

Analytical Report: Page 9 of 11
 Project Name: No Project
 Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
C0J3788-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 (Field Blank)	Liquid	10/28/20 10:03	10/29/20 10:05

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Ethylperfluorooctanesulfonami doethanol (EtFOSE)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Methylperfluorooctanesulfonam idoethanol (MeFOSE)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Ethylperfluorooctanesulfonami de (EtFOSA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Methylperfluorooctanesulfonam ide (MeFOSA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
4:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
8:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
6:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
10:2 Fluorotelomer sulfonate	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoi c Acid (3:3 FTCA)	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	

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Client Name: McKinleyville Community services District
Contact: James Henry
Address: P.O. Box 2037
McKinleyville, CA 95519

Analytical Report: Page 10 of 11
Project Name: No Project
Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788
Received on Ice (Y/N): Yes Temp: 3 °C

Notes and Definitions

- NISm Due to matrix interference, the internal standard recovery for this sample did not meet laboratory acceptance criteria.
- ND: Analyte NOT DETECTED at or above the Method Detection Limit (if MDL is reported), otherwise at or above the Reportable Detection Limit (RDL)
- NR: Not Reported
- RDL: Reportable Detection Limit
- MDL: Method Detection Limit
- * / " : NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted.

Shelia Marie McGlown

cc:

e-Short_No Alias.rpt

This report applies only to the sample(s) analyzed. As a mutual protection to clients, the public, and Babcock Laboratories, Inc., this report is submitted and accepted for the exclusive use of the Client to whom it is addressed. Interpretation and use of the information contained within this report are the sole responsibility of the Client. Babcock Laboratories, Inc. is not responsible for any misinformation or consequences that may result from misinterpretation or improper use of this report. This report is not to be modified or abbreviated in any way. Additionally, this report is not to be used, in whole or in part, in any advertising or publicity matter without written authorization from Babcock Laboratories, Inc. The liability of Babcock Laboratories, Inc. is limited to the actual cost of the requested analyses, unless otherwise agreed upon in writing. There is no other warranty expressed or implied.

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Client Name: McKinleyville Community services District
Contact: James Henry
Address: P.O. Box 2037
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Analytical Report: Page 11 of 11
Project Name: No Project
Project Number: Oct 2020 PFAS WWMF

Report Date: 12-Nov-2020

Work Order Number: C0J3788

Received on Ice (Y/N): Yes Temp: 3 °C



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Chain of Custody & Sample Information Record

Client: <u>McKinleyville Community District</u>		Contact: <u>JAMES HENRY/DREW SMALL</u> Fax No.		Additional Reporting Requests	
Phone No: <u>707 834 3751</u>		email: <u>JHENRY@mckinlevillccsd.com/dsmall@mckinlevillccsd.com</u>		Include QC Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Project Name: <u>OCT 2020 PFAS</u>		Turn Around Time: Routine *72 Hour Rush *48 Hour Rush *24 Hour Rush		FAX Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Project Location: <u>WWMF</u>		*Lab TAT Approval: By:		Email Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	
				State EDT: <input type="checkbox"/> Yes <input type="checkbox"/> No	
				(Include Source Number in Notes)	
Sampler Information		# of Containers & Preservatives		Analysis Requested	
Name: <u>DREW SMALL</u>		Unpreserved		Matrix	
Employer: <u>MCS D</u>		H2SO4		DW = Drinking Water	
Signature: <u>[Signature]</u>		HCl		WW = Waste Water	
		HNO3		GW = Ground Water	
		Na2S2O3		S = Source	
		NaOH		SG = Sludge	
		NaOH/Zn Acetate		L = Liquid	
		NH4Cl		M = Miscellaneous	
		PDC			
Sample ID		Date		Time	
INF-001		10/25/20		0948	
REC-001		11/28/20		10:05	
INF-001 FIELD BLANK		10/24/20		0940	
REC-001 FIELD BLANK		10/28/20		1003	
Relinquished By (sign)		Print Name / Company		Date / Time	
<u>[Signature]</u>		DREW SMALL - MCS D		10/28/20 12:02	
<u>[Signature]</u>		10-29-20		11:10	
Received By (sign)		Print Name / Company		Date / Time	
<u>[Signature]</u>		Kiyohiko Kawai ESB		10-29-20	

By signing on behalf of your organization and relinquishing this chain of custody you agree to abide by the Babcock Laboratories, Inc. Terms and Conditions.

(For Lab Use Only) Sample Integrity Upon Receipt/Acceptance Criteria		TG # <u>61</u>	
Sample(s) Submitted on Ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample meets laboratory acceptance criteria? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Custody Seal(s) Intact? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>N/A</u>	Permission to continue: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Sample(s) Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Deviation/Notes: _____		
Temperature: <u>3</u> °C <input type="checkbox"/> Cooler Blank	Signature/Date: _____		

C0J3788
Rc'd: 10/29/2020 10:05
YVG
Page _____ of _____
Rev. 6/16

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