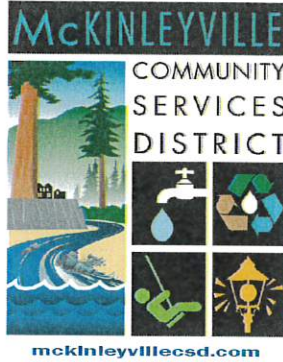


PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

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P.O. BOX 2037
McKINLEYVILLE, CA 95519



MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

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

Date: 3/12/2021

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 specify 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

3/18/2021

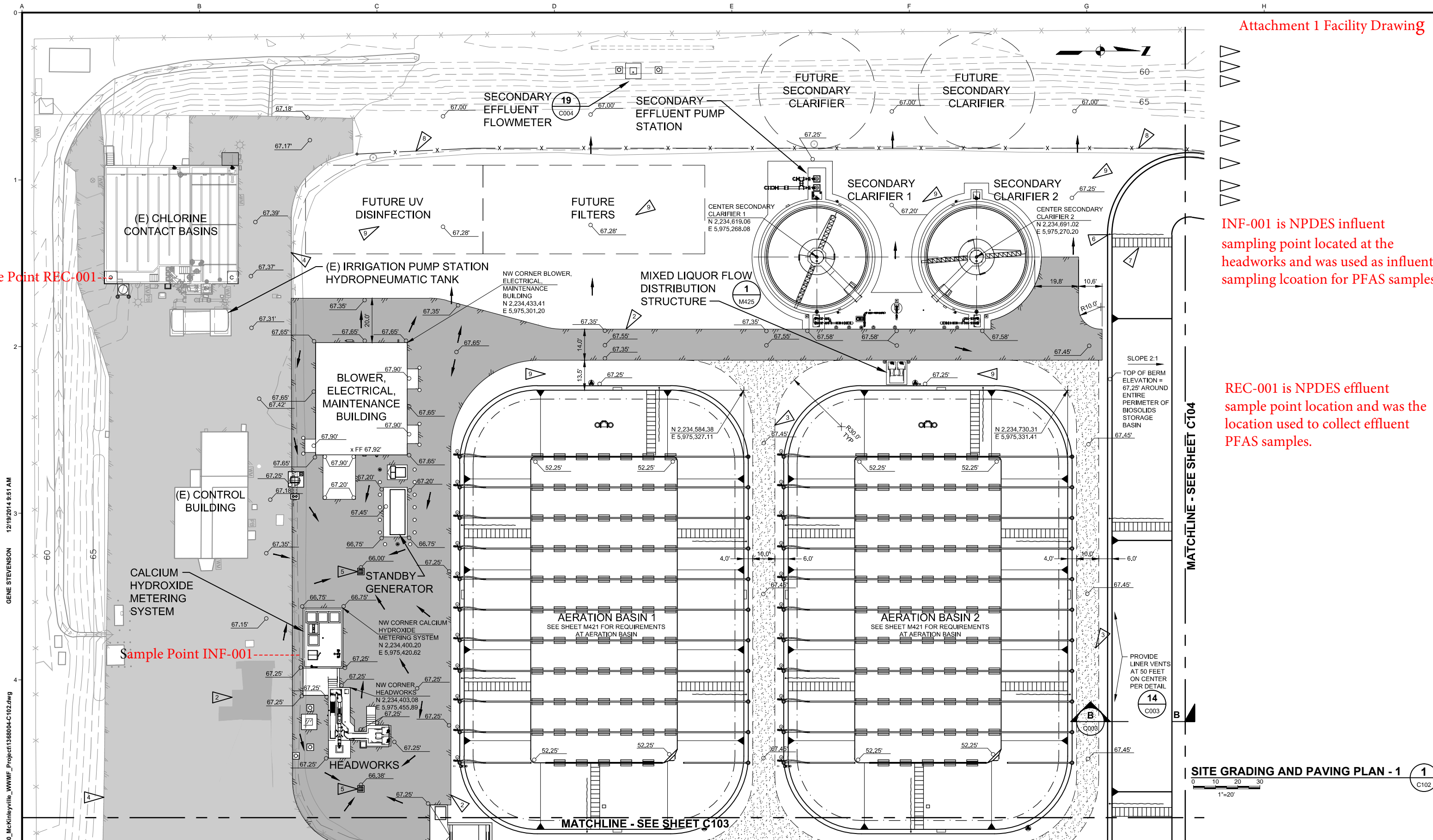
A handwritten signature in blue ink, appearing to be "PK" with a stylized flourish, is written over a horizontal line.

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.

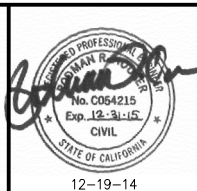


GENE STEVENSON 12/19/2014 9:51 AM
\\UG1\CAD\CADD\2013\1368004_00_McKinleyville_WWTF_Project\1368004-C102.dwg

NO.	REVISION	DATE	BY

NO.	REVISION	DATE	BY

SCALES
 0" = 1'
 0" = 25mm
 IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.



DESIGNED: WMH
 DRAWN: GAS
 CHECKED: RRH

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

SITE GRADING AND PAVING PLAN - 1
 1 OF 1
 C102

FILE NAME: 1368004-C102
 JOB NO.: 1368004.00
 DATE: DECEMBER 2014
 SHEET OF: C102

Attachment 2 Flow Measurements

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
 WASTEWATER MANAGEMENT FACILITY
 EFFLUENT DISCHARGE DISPOSAL
 February 2021

Discharge			
Monitoring	INF-001	EFF-001	
		REC-001	
DATE	INFLUENT	EFFLUENT	MAXIMUM
	MGD	MGD	GPM
1	1.094	1.428	1651
2	1.101	1.480	1490
3	1.114	1.504	1524
4	1.054	1.517	1612
5	1.017	1.445	1477
6	1.033	1.405	1413
7	1.061	1.378	1382
8	0.978	1.102	1146
9	0.933	1.095	1243
10	0.964	1.102	1233
11	1.031	1.065	1168
12	1.081	1.104	1190
13	1.164	1.138	1082
14	1.166	1.169	1175
15	1.304	1.181	1017
16	1.186	1.205	1086
17	1.100	1.242	1235
18	1.125	1.247	1248
19	1.160	1.247	1199
20	1.234	1.245	1112
21	1.184	1.256	1248
22	1.111	1.259	1331
23	1.087	1.261	1314
24	1.072	1.248	1415
25	1.037	1.203	1306
26	1.008	1.227	1266
27	1.023	1.254	1307
28	1.056	1.264	1296
TOTAL	30.478	35.271	
AVERAGE	1.089	1.260	1292
MAXIMUM	1.304	1.517	1651
MINIMUM	0.933	1.065	1017

DAYS	28	28	
------	----	----	--



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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: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °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>
C1B3344-01	INF-001 ---ROUTINE---	Liquid	02/25/21 09:25	Drew Small	02/26/21 11:28	FedEx
C1B3344-02	INF-001 Field blank ---ROUTINE- --	Liquid	02/25/21 09:25	Drew Small	02/26/21 11:28	FedEx
C1B3344-03	EFF-001 ---ROUTINE---	Liquid	02/25/21 09:30	Drew Small	02/26/21 11:28	FedEx
C1B3344-04	EFF-001 Field Blank -- -ROUTINE---	Liquid	02/25/21 09:30	Drew Small	02/26/21 11:28	FedEx



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

Analytical Report: Page 2 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	02/25/21 09:25	02/26/21 11:28

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
N-methyl perfluorooctanesulfonamidoacetic	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
Perfluorobutanesulfonic Acid (PFBS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	N_qualIND
Perfluorobutanoic acid (PFBA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluoropentanoic acid (PFPeA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorooctanoic Acid (PFOA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorononanoic Acid (PFNA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorodecanoic Acid (PFDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NCALInd
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NCALInd
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NRPDc

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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
 McKinleyville, CA 95519

Analytical Report: Page 3 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	02/25/21 09:25	02/26/21 11:28

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	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
N-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
4:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	
8:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
6:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
10:2 Fluorotelomer sulfonate	ND	36	ng/L	ESB SOP T758	03/09/21 20:19	JHR	NISm
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	22	ng/L	ESB SOP T758	03/09/21 20:19	JHR	



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

Analytical Report: Page 4 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 Field blank	Liquid	02/25/21 09:25	02/26/21 11:28

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorobutanoic acid (PFBA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluoropentanoic acid (PFPeA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorooctanoic Acid (PFOA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	NCALInd
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	NCALInd
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	NRPDc

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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
 McKinleyville, CA 95519

Analytical Report: Page 5 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 Field blank	Liquid	02/25/21 09:25	02/26/21 11:28

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	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
N-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
10:2 Fluorotelomer sulfonate	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:01	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:01	JHR	



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

Analytical Report: Page 6 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
EFF-001	Liquid	02/25/21 09:30	02/26/21 11:28

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	N_qualND
Perfluorobutanoic acid (PFBA)	6.4	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluoropentanoic acid (PFPeA)	22	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorohexanoic Acid (PFHxA)	20	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorooctanoic Acid (PFOA)	7.8	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NISm
Perfluorooctadecanoic acid (PFocDA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NISm
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NCALInd
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NCALInd
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NRPDc

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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: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
EFF-001	Liquid	02/25/21 09:30	02/26/21 11:28

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	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
N-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NISm
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
10:2 Fluorotelomer sulfonate	ND	7.1	ng/L	ESB SOP T758	03/09/21 20:38	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.4	ng/L	ESB SOP T758	03/09/21 20:38	JHR	



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

Analytical Report: Page 8 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
EFF-001 Field Blank	Liquid	02/25/21 09:30	02/26/21 11:28

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorobutanoic acid (PFBA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluoropentanoic acid (PFPeA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorooctanoic Acid (PFOA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	NCALInd
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	NCALInd
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	NRPDc

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 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 9 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Laboratory Reference Number

C1B3344-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
EFF-001 Field Blank	Liquid	02/25/21 09:30	02/26/21 11:28

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	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSE)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSE)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
10:2 Fluorotelomer sulfonate	ND	7.0	ng/L	ESB SOP T758	03/08/21 20:54	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.4	ng/L	ESB SOP T758	03/08/21 20:54	JHR	



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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: McKinleyville CSD Phsse III
Order PFAS
Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C

Notes and Definitions

- N_qualNI Observed response did not meet qualitative criteria for confirmation
- NCALInd Calibration Verification recovery was below the method control limit for this analyte. An additional check standard was analyzed at the reporting limit to ensure instrument sensitivity. Samples ND.
- NISm Due to matrix interference, the internal standard recovery for this sample did not meet laboratory acceptance criteria.
- NRPDc The RPD value for the LCS/LCSD 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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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
McKinleyville, CA 95519

Analytical Report: Page 11 of 11
Project Name: McKinleyville CSD Phsse III
Order PFAS
Project Number: Feb 2021 PFAS

Report Date: 11-Mar-2021

Work Order Number: C1B3344

Received on Ice (Y/N): Yes Temp: 6 °C



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Chain of Custody & Sample Information Record

Client: <u>MCKINLEYVILLE COMMUNITY SERVICES DISTRICT</u>	Contact: <u>JAMES HENRY / DREW SMALL</u>	Fax No.	Additional Reporting Requests
Phone No. <u>707 834 3251</u>	email: <u>JHENRY@MCKINLEYVILLECSD.COM, DSMALL@MCKINLEYVILLECSD.COM</u>		Include QC Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No
Project Name: <u>FEB 2021 PFAS</u>	Turn Around Time: <u>Routine</u> *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							Total # of Containers	Sample Type			Analysis Requested	Matrix	Notes
Sample ID	Date	Time	Unpreserved	H2SO4	HCl	HNO3	Na2S2O8	NaOH	NaOH/Zn Acetate		NH4Cl	PDC	Routine			
Name: <u>DREW SMALL</u>																
Employer: <u>MCSO</u>																
Signature: <u>[Signature]</u>																
<u>INF-001</u>	<u>2/25/21</u>	<u>0925</u>	<u>X</u>									<u>2</u>	<u>X</u>			<u>WW</u>
<u>INF-601 FIELD BLANK</u>	<u>2/25/21</u>	<u>0925</u>	<u>X</u>									<u>1</u>	<u>X</u>			<u>M</u>
<u>EFF-001</u>	<u>2/25/21</u>	<u>0930</u>	<u>X</u>									<u>2</u>	<u>X</u>			<u>WW</u>
<u>EFF-001 FIELD BLANK</u>	<u>2/25/21</u>	<u>0930</u>	<u>X</u>									<u>1</u>	<u>X</u>			<u>M</u>

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (sign)	Print Name / Company
<u>[Signature]</u>	<u>DREW SMALL, MCSO</u>	<u>2/25/21 12:00</u>	<u>[Signature]</u>	<u>FedEx</u>
<u>FedEx</u>	<u>FedEx</u>	<u>2/25/21 11:24</u>	<u>[Signature]</u>	<u>Cori Ann Jones</u>

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

Sample(s) Submitted on Ice? <u>Yes</u> No	Sample meets laboratory acceptance criteria? <u>Yes</u> No
Custody Seal(s) Intact? <u>Yes</u> No <u>NA</u>	Permission to continue: <u>Yes</u> No
Sample(s) Intact? <u>Yes</u> No	Deviation/Notes: _____
Temperature: <u>6</u> °C <input type="checkbox"/> Cooler Blank	Signature/Date: _____

C1B3344
Rc'd: 02/26/2021 11:28
JLH



Rev. 6/12

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location
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Riverside, CA 92507-0704

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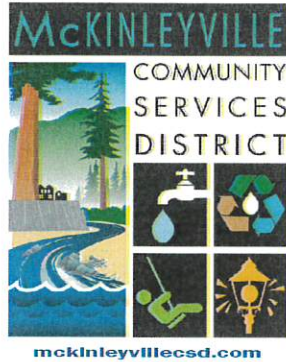
CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519



MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

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

Date: 7/30/2021

To: State Water Resources Control Board

Subject: Monitoring Report for Treatment System for Water Order WQ 2020-0015-DWQ (2nd Quarter)

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 specify 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

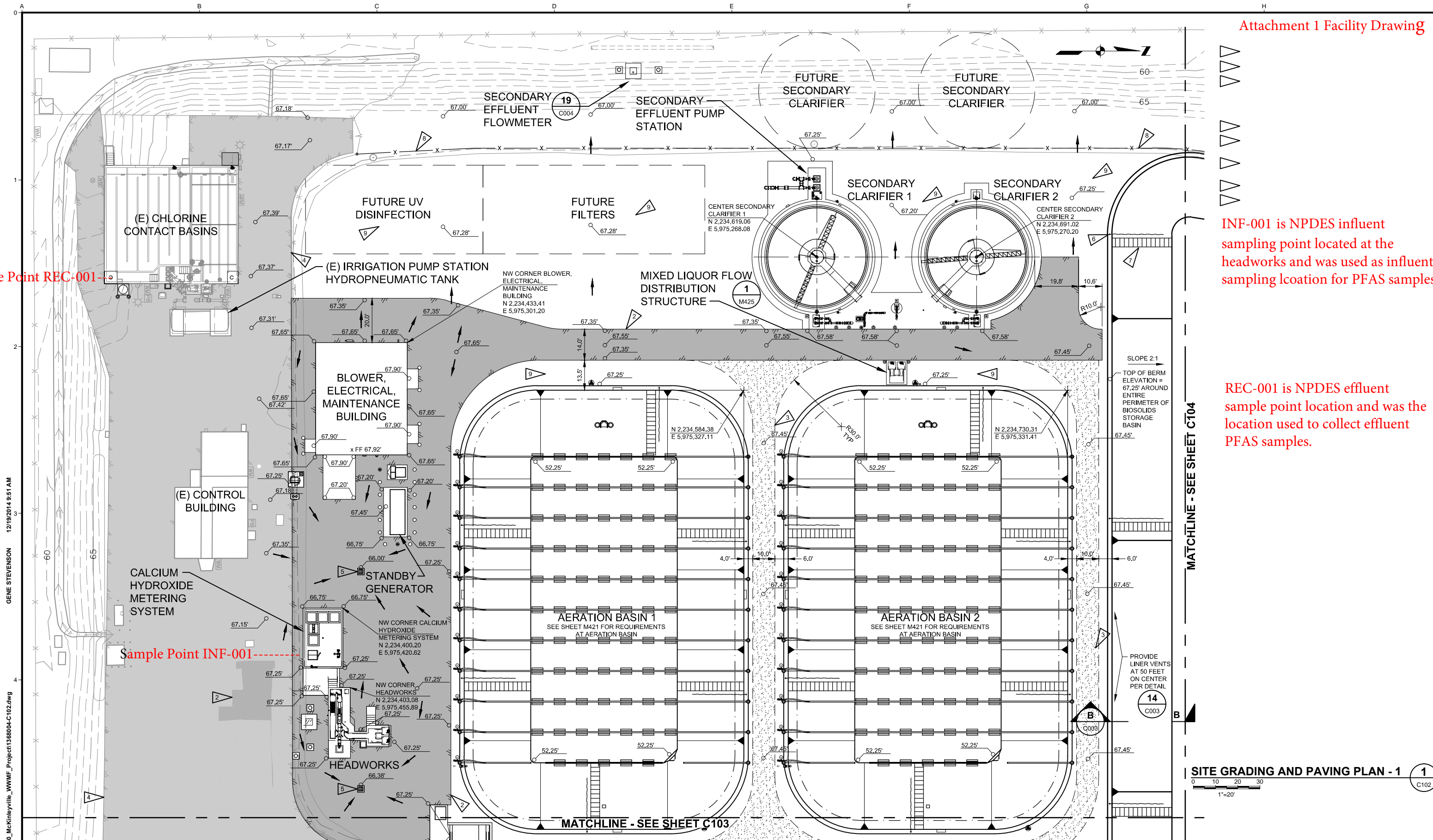
8/2/2021

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.



GENE STEVENSON 12/19/2014 9:51 AM
\\UG1\CAD\CADD\2013\1368004_00_McKinleyville_WWTF_Project\1368004-C102.dwg

MATCHLINE - SEE SHEET C104

MATCHLINE - SEE SHEET C103

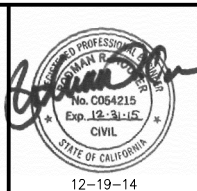


SITE GRADING AND PAVING PLAN - 1 1

NO.	REVISION	DATE	BY

NO.	REVISION	DATE	BY

SCALES
 0" = 1'
 0" = 25mm
 IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.



DESIGNED: WMH
 DRAWN: GAS
 CHECKED: RRH

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

SITE GRADING AND PAVING PLAN - 1

FILE NAME: 1368004-C102
 JOB NO.: 1368004.00
 DATE: DECEMBER 2014
 SHEET OF: **C102**

Attachment 2 Flow Measurements

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER MANAGEMENT FACILITY
EFFLUENT DISCHARGE DISPOSAL
April 2021

Discharge			
Monitoring	INF-001	EFF-001	
		REC-001	
DATE	INFLUENT	EFFLUENT	MAXIMUM
	MGD	MGD	GPM
1	0.933	1.241	1470
2	0.940	1.309	1264
3	0.942	1.342	1331
4	0.972	1.252	1289
5	0.945	1.264	1635
6	0.916	1.191	1390
7	0.926	1.217	1315
8	0.921	1.154	1429
9	0.903	1.037	1164
10	0.916	0.970	996
11	0.941	0.970	1031
12	0.907	0.970	1009
13	0.882	0.971	1041
14	0.892	0.977	1024
15	0.887	0.975	1076
16	0.862	0.891	1260
17	0.999	0.808	874
18	0.919	0.811	875
19	0.895	0.813	809
20	0.880	0.809	777
21	0.876	0.804	842
22	0.857	0.803	824
23	0.858	0.802	824
24	0.889	0.798	915
25	0.962	0.793	1295
26	0.907	0.795	764
27	0.865	0.794	844
28	0.866	0.795	807
29	0.853	0.795	777
30	0.863	0.543	801
TOTAL	27.174	28.694	
AVERAGE	0.906	0.956	1058

MAXIMUM	0.999	1.342	1635
MINIMUM	0.853	0.543	764
DAYS	30	30	



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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: McKinleyville CSD Phsse III
Order PFAS
Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °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>
C1D1138-01	INF-001 ---ROUTINE---	Liquid	04/08/21 10:00	Drew Small	04/09/21 09:40	FedEx
C1D1138-02	INF-001 FB ---ROUTINE---	Liquid	04/08/21 09:58	Drew Small	04/09/21 09:40	FedEx
C1D1138-03	REC-001 ---ROUTINE---	Liquid	04/08/21 10:15	Drew Small	04/09/21 09:40	FedEx
C1D1138-04	REC-001 FB ---ROUTINE---	Liquid	04/08/21 10:13	Drew Small	04/09/21 09:40	FedEx



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

Analytical Report: Page 2 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	04/08/21 10:00	04/09/21 9:40

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	N_qualND
Perfluorobutanoic acid (PFBA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	NISm
Perfluoropentanoic acid (PFPeA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorooctanoic Acid (PFOA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorononanoic Acid (PFNA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorodecanoic Acid (PFDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	N_qualND
Perfluorotetradecanoic Acid (PFTeDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	

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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
 McKinleyville, CA 95519

Analytical Report: Page 3 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	04/08/21 10:00	04/09/21 9:40

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	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
N-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	NISm
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	NISm
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
4:2 Fluorotelomer Sulfonate	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluoroheptanesulfonic acid (PFHpS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	N_qualND
8:2 Fluorotelomer Sulfonate	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
6:2 Fluorotelomer Sulfonate	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
10:2 Fluorotelomer sulfonate	ND	34	ng/L	ESB SOP T758	04/19/21 17:30	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	21	ng/L	ESB SOP T758	04/19/21 17:30	JHR	



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

Analytical Report: Page 4 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 FB	Liquid	04/08/21 09:58	04/09/21 9:40

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	04/19/21 14:49	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorobutanoic acid (PFBA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluoropentanoic acid (PFPeA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorooctanoic Acid (PFOA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	

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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
 McKinleyville, CA 95519

Analytical Report: Page 5 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 FB	Liquid	04/08/21 09:58	04/09/21 9:40

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	04/19/21 14:49	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
N-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
10:2 Fluorotelomer sulfonate	ND	6.9	ng/L	ESB SOP T758	04/19/21 14:49	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.3	ng/L	ESB SOP T758	04/19/21 14:49	JHR	



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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: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	04/08/21 10:15	04/09/21 9:40

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	N_qualND
Perfluorobutanoic acid (PFBA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluoropentanoic acid (PFPeA)	21	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorohexanoic Acid (PFHxA)	15	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorooctanoic Acid (PFOA)	7.9	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	NISm
Perfluorooctadecanoic acid (PFOcDA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	NISm
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	

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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
 McKinleyville, CA 95519

Analytical Report: Page 7 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	04/08/21 10:15	04/09/21 9:40

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	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSE)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSE)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	NISm
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
10:2 Fluorotelomer sulfonate	ND	7.1	ng/L	ESB SOP T758	04/19/21 17:48	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.4	ng/L	ESB SOP T758	04/19/21 17:48	JHR	



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

Analytical Report: Page 8 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 FB	Liquid	04/08/21 10:13	04/09/21 9:40

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	04/19/21 15:07	JHR	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorobutanoic acid (PFBA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluoropentanoic acid (PFPeA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorohexanoic Acid (PFHxA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluoroheptanoic Acid (PFHpA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorooctanoic Acid (PFOA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorononanesulfonic acid (PFNS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorononanoic Acid (PFNA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorodecanoic Acid (PFDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluoroundecanoic Acid (PFUnA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorododecanoic Acid (PFDoDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorotridecanoic Acid (PFTrDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluoropentanesulfonate (PFPeS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorotetradecanoic Acid (PFTeDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	

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 P.O Box 432
 Riverside, CA 92502-0432

location
 6100 Quail Valley Court
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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
 McKinleyville, CA 95519

Analytical Report: Page 9 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1D1138-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 FB	Liquid	04/08/21 10:13	04/09/21 9:40

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	04/19/21 15:07	JHR	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSE)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSE)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
4:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
Perfluorodecanesulfonic acid (PFDS)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
8:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
6:2 Fluorotelomer Sulfonate	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
10:2 Fluorotelomer sulfonate	ND	6.8	ng/L	ESB SOP T758	04/19/21 15:07	JHR	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.2	ng/L	ESB SOP T758	04/19/21 15:07	JHR	



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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: McKinleyville CSD Phsse III
Order PFAS
Project Number: April 2021 PFAS

Report Date: 23-Apr-2021

Work Order Number: C1D1138

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

N_qualNI Observed response did not meet qualitative criteria for confirmation

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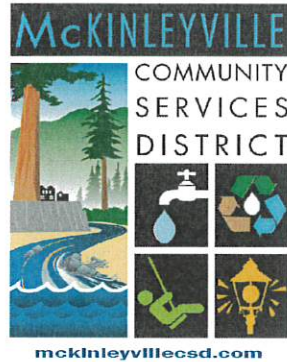
CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119

PHYSICAL ADDRESS:

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McKINLEYVILLE, CA 95519

MAILING ADDRESS:

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MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

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

Date: 9/29/2021

To: State Water Resources Control Board

Subject: Monitoring Report for Treatment System for Water Order WQ 2020-0015-DWQ (3rd Quarter)

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 specify 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

9/29/2021

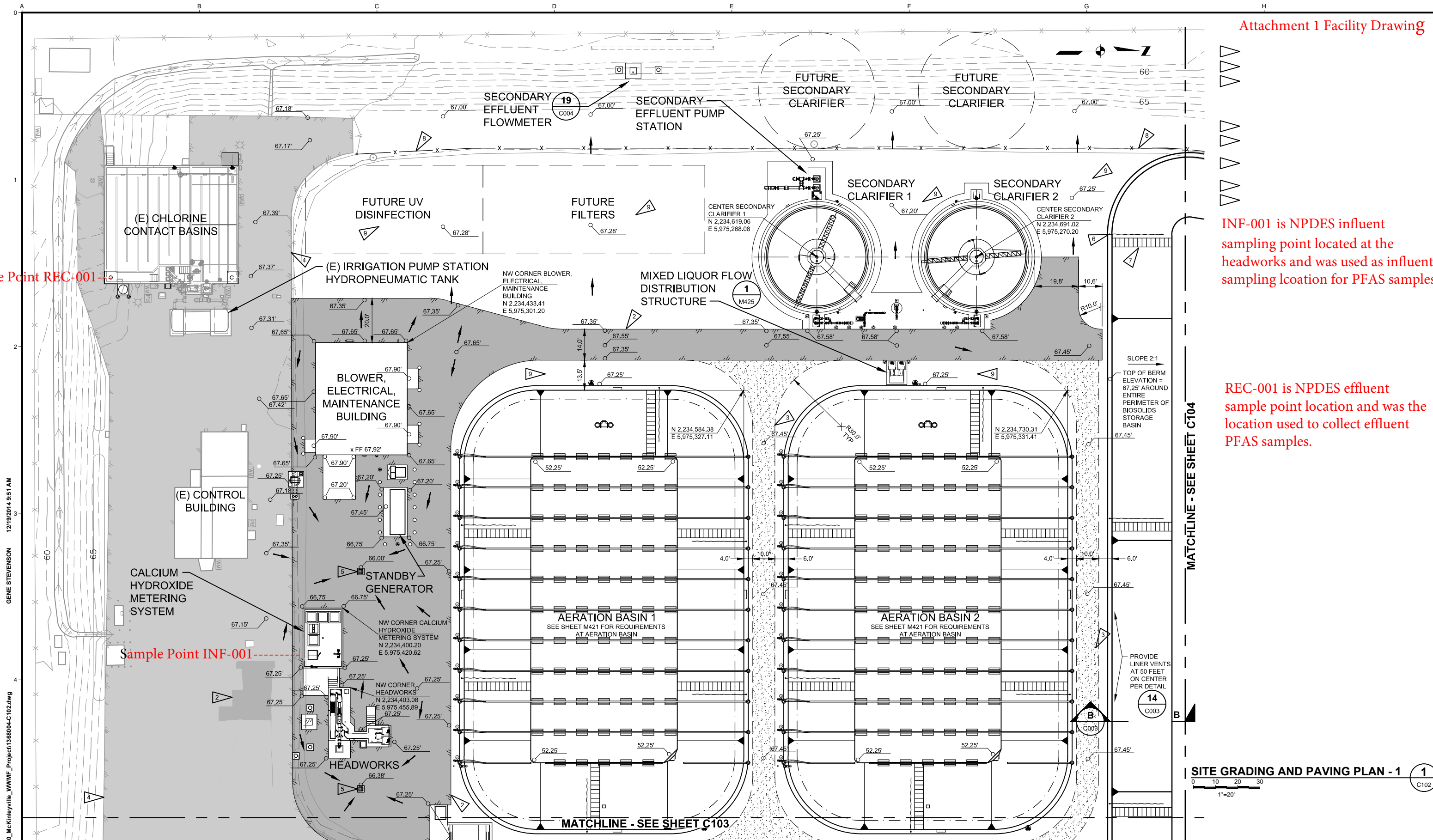
A handwritten signature in blue ink, appearing to read 'P/K', is written over a horizontal line. Below the line, the name 'Patrick Kaspari, General Manager' is printed.

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.

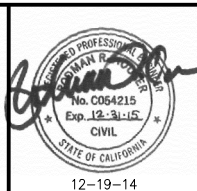


GENE STEVENSON 12/19/2014 9:51 AM
 \UEG\CAD\CADD\2013\1368004_00_McKinleyville_WWTF_Project\1368004-C102.dwg

NO.	REVISION	DATE	BY

NO.	REVISION	DATE	BY

SCALES
 0" = 1'
 0" = 25mm
 IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.



DESIGNED: WMH
 DRAWN: GAS
 CHECKED: RRH

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

SITE GRADING AND PAVING PLAN - 1
 SHEET OF
C102

FILE NAME: 1368004-C102
 JOB NO.: 1368004.00
 DATE: DECEMBER 2014
 SHEET OF: **C102**

Attachment 2 Flow Measurements

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
 WASTEWATER MANAGEMENT FACILITY
 EFFLUENT DISCHARGE DISPOSAL
 July 2021

Discharge			
Monitoring	INF-001	EFF-001	
		REC-001	
DATE	INFLUENT	EFFLUENT	MAXIMUM
	MGD	MGD	GPM
1	0.825	0.583	1172
2	0.803	0.783	912
3	0.795	0.723	897
4	0.785	0.722	868
5	0.858	0.719	769
6	0.820	0.589	1442
7	0.838	0.801	963
8	0.816	0.815	866
9	0.806	0.816	1102
10	0.809	0.815	900
11	0.851	0.816	977
12	0.827	0.870	806
13	0.808	0.740	833
14	0.804	0.715	822
15	0.806	0.864	902
16	0.794	0.704	942
17	0.999	0.547	744
18	0.830	0.539	796
19	0.822	0.787	1003
20	0.807	0.952	1042
21	0.825	1.110	1208
22	0.810	1.164	1213
23	0.801	0.795	1148
24	0.802	0.549	707
25	0.834	0.549	827
26	0.818	0.663	796
27	0.799	1.168	1410
28	0.798	1.154	1281
29	0.801	1.011	1182
30	0.784	0.740	1187
31	0.791	0.544	750
TOTAL	25.366	24.347	

AVERAGE	0.818	0.785	1292
MAXIMUM	0.999	1.168	1651
MINIMUM	0.784	0.539	1017
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: McKinleyville CSD Phsse III
Order PFAS
Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °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>
C1G0611-01	INF-001 ---ROUTINE---	Liquid	07/06/21 10:00	Drew Small	07/07/21 10:20	FedEx
C1G0611-02	INF-001 FB ---ROUTINE---	Liquid	07/06/21 09:58	Drew Small	07/07/21 10:20	FedEx
C1G0611-03	REC-001 ---ROUTINE---	Liquid	07/06/21 10:15	Drew Small	07/07/21 10:20	FedEx
C1G0611-04	REC-001 FB ---ROUTINE---	Liquid	07/06/21 10:13	Drew Small	07/07/21 10:20	FedEx



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

Analytical Report: Page 2 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	07/06/21 10:00	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
Perfluorobutanoic acid (PFBA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluoropentanoic acid (PFPeA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorooctanoic Acid (PFOA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorononanoic Acid (PFNA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorodecanoic Acid (PFDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
Perfluorotridecanoic Acid (PFTTrDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorotetradecanoic Acid (PFTTeDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
Perfluorohexadecanoic acid (PFHxDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
Perfluorooctadecanoic acid (PFOcDA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorononanesulfonic acid (PFNS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
4:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
6:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
8:2 Fluorotelomer Sulfonate	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
10:2 Fluorotelomer sulfonate	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm



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

Analytical Report: Page 3 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001	Liquid	07/06/21 10:00	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
Perfluorooctane Sulfonamide (PFOSA)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NLOhND
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	35	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	NISm
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	DIS	
11-chloroeicosafuoro 3oxaundecane-1-sulfonic Acid	ND	22	ng/L	ESB SOP T758	07/22/21 05:27	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 4 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 FB	Liquid	07/06/21 09:58	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
Perfluorobutanoic acid (PFBA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluoropentanoic acid (PFPeA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorooctanoic Acid (PFOA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorononanoic Acid (PFNA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorodecanoic Acid (PFDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorotridecanoic Acid (PFTTrDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorotetradecanoic Acid (PFTTeDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorononanesulfonic acid (PFNS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
4:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
6:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
8:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
10:2 Fluorotelomer sulfonate	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	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 5 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
INF-001 FB	Liquid	07/06/21 09:58	07/07/21 10:20

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	07/21/21 21:09	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	NLOhND
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.8	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	DIS	
11-chloroeicosafuoro-3-oxaundecane-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:09	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 6 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	07/06/21 10:15	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
Perfluorobutanoic acid (PFBA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	NISm
Perfluoropentanoic acid (PFPeA)	26	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorohexanoic Acid (PFHxA)	74	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorooctanoic Acid (PFOA)	11	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorononanoic Acid (PFNA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorodecanoic Acid (PFDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorotridecanoic Acid (PFTTrDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorotetradecanoic Acid (PFTTeDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorobutanesulfonic Acid (PFBS)	7.7	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorooctanesulfonic Acid (PFOS)	4.4	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorononanesulfonic acid (PFNS)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
4:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	NISm
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	NISm
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
10:2 Fluorotelomer sulfonate	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	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 7 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001	Liquid	07/06/21 10:15	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
N-ethyl perfluorooctanesulfonamidoacetic	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	NLOhND
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	7.0	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	NISm
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	DIS	
11-chloroeicosafuoro-3-oxaundecane-1-sulfonic Acid	ND	4.4	ng/L	ESB SOP T758	07/22/21 05:45	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 8 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 FB	Liquid	07/06/21 10:13	07/07/21 10:20

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
PFAS by LCMSMS (QSM 5.3 Table B-15 Compliant)							
Perfluorobutanoic acid (PFBA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluoropentanoic acid (PFPeA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorohexanoic Acid (PFHxA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluoroheptanoic Acid (PFHpA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorooctanoic Acid (PFOA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorononanoic Acid (PFNA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorodecanoic Acid (PFDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluoroundecanoic Acid (PFUnA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorododecanoic Acid (PFDoDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorotridecanoic Acid (PFTTrDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorotetradecanoic Acid (PFTTeDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorohexadecanoic acid (PFHxDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorooctadecanoic acid (PFOcDA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorobutanesulfonic Acid (PFBS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluoropentanesulfonate (PFPeS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluoroheptanesulfonic acid (PFHpS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorooctanesulfonic Acid (PFOS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorononanesulfonic acid (PFNS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Perfluorodecanesulfonic acid (PFDS)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
4:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
6:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
8:2 Fluorotelomer Sulfonate	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
10:2 Fluorotelomer sulfonate	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
N-methyl perfluorooctanesulfonamidoacetic	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	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 9 of 11
 Project Name: McKinleyville CSD Phsse III
 Order PFAS
 Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

C1G0611-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
REC-001 FB	Liquid	07/06/21 10:13	07/07/21 10:20

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	07/21/21 21:27	DIS	
Perfluorooctane Sulfonamide (PFOSA)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	NLOhND
N-Methylperfluorooctanesulfonamide (MeFOSA)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
N-Methylperfluorooctanesulfonamidoethanol (MeFOSE)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
N-Ethylperfluorooctanesulfonamidoethanol (EtFOSE)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND	6.9	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	DIS	
11-chloroeicosafuoro 3oxaundecane-1-sulfonic Acid	ND	4.3	ng/L	ESB SOP T758	07/21/21 21:27	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: McKinleyville CSD Phsse III
Order PFAS
Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

- NISm Due to matrix interference, the internal standard recovery for this sample did not meet laboratory acceptance criteria.
- NLOhND LCS recovery was above method control limit for this analyte. Analyte not detected, therefore data not impacted.
- 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
McKinleyville, CA 95519

Analytical Report: Page 11 of 11
Project Name: McKinleyville CSD Phsse III
Order PFAS
Project Number: July 2021 PFAS

Report Date: 28-Jul-2021

Work Order Number: C1G0611

Received on Ice (Y/N): Yes Temp: 2 °C

Babcock Laboratories, Inc.
(951)653-3351 FAX (951) 653-1662
www.babcocklabs.com

Chain of Custody Sample Information Record

Client: McKinleyville Community Services District		Contact: James Henry, Drew Small		Phone No. 707-839-3251																					
FAX No.		Email: jhenry@mckinleyvillecsd.com dsmall@mckinleyvillecsd.com		Additional Reporting Requests																					
Project Name: July 2021 PFAS		Turn Around Time: Routine *3-5 Day *48 Hour *24 Hour Rush Rush Rush		Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Project Location: WWMF		*Lab TAT Approval: By: *Additional Charges May Apply		FAX Results: <input type="checkbox"/> Yes <input type="checkbox"/> No																					
State EDT: <input type="checkbox"/> Yes <input type="checkbox"/> No				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				Sample Type		Analysis Requested		Matrix		Notes												
Name: DREW SMALL			Unpreserved	H2SO4	HCl	HNO3	Na2S2O3	NaOH	NaOH/ZnAcetate	NH4Cl	MCAA	Total # of Containers	Routine	Resample	Special	PFAS	DW = Drinking Water	GW = Groundwater	WW = Wastewater	S = Source	SG = Sludge	L = Liquid	M = Miscellaneous	*Extra unlabeled poly tube received - on 7.7.21	
Employer: MCSD																									
Signature: <i>[Signature]</i>																									
Sample ID	Date	Time																							
INF-001	7/6/21	1000	X									2	X		X										
INF-001 FB	7/6/21	958	X									1	X		X										
REC-001	7/6/21	1016	X									2	X		X										
REC-001 FB	7/6/21	1013	X									1	X		X										
Relinquished By (sign)			Print Name / Company				Date / Time		Received By (Sign)				Print Name / Company												
<i>[Signature]</i>			DREWSMALL/MCSD				7/6/21 - 1400		<i>[Signature]</i>				FedEx												
			FedEx				7.7.21/10920		<i>[Signature]</i>				James Villegas/ESB												
(For Lab Use Only) Sample Integrity Upon Receipt/Acceptance Criteria																									
Sample(s) Submitted on Ice?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Sample Meets Laboratory Acceptance Criteria?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			
Custody Seal(s) Intact?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Permission to continue:		Yes <input type="checkbox"/> No <input type="checkbox"/>																			
Sample(s) Intact?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Deviation/Notes:																					
Temperature:		2 <input checked="" type="checkbox"/> Cooler Blank <input type="checkbox"/>		Signature/Date:																					

C1G0611
Rcd: 07/07/2021 10:20
Logge JLH

PHYSICAL ADDRESS:

1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519



MAIN OFFICE:

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

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

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
 McKinleyville, CA 95519

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
 Contact: James Henry
 Address: P.O. Box 2037
 McKinleyville, CA 95519

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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 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 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-Ethylperfluorooctanesulfonamide ethanol (EtFOSE)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Methylperfluorooctanesulfonamide ethanol (MeFOSE)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.9	ng/L	ESB SOP T758	11/10/20 13:59	DIS	
N-Methylperfluorooctanesulfonamide (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-Heptafluorohexanoic Acid (3:3 FTCA)	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 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 (PFOcDA)	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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 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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 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 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-oxanone-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid	ND	4.2	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSE)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Methylperfluorooctanesulfonamide (MeFOSE)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Ethylperfluorooctanesulfonamide (EtFOSA)	ND	6.8	ng/L	ESB SOP T758	11/10/20 14:17	DIS	
N-Methylperfluorooctanesulfonamide (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-Heptafluorohexanoic 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
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Analytical Report: Page 11 of 11
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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		Sample Type	
Name: <u>DREW SMALL</u>		Unpreserved		Analysis Requested	
Employer: <u>MCS D</u>		H2SO4		Matrix	
Signature: <u>[Signature]</u>		HCl		Notes	
		HNO3		DW = Drinking Water	
		Na2S2O3		WW = Waste Water	
		NaOH		GW = Ground Water	
		NaOH/Zn Acetate		S = Source	
		NH4Cl		SG = Sludge	
		PDC		L = Liquid	
		Total # of Containers		M = Miscellaneous	
Sample ID		Date		Time	
INF-001		10/25/20		0948	
REC-001		11/28/20		10:05	
INF-001 FIELD BLANK		10/28/20		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	
		1005		10:20	
Received By (sign)		Print Name / Company			
<u>[Signature]</u>		Kiyohi Kawai ESB			

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 <u>TG#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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