



ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

451482 RockGen

JOB NUMBER

320-113244-1

Eurofins Sacramento

Job Notes

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

Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	9
Isotope Dilution Summary	30
QC Sample Results	33
QC Association Summary	45
Lab Chronicle	47
Certification Summary	50
Method Summary	51
Sample Summary	52
Chain of Custody	53
Receipt Checklists	56

Definitions/Glossary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: TRC Environmental Corporation
Project: 451482 RockGen

Job ID: 320-113244-1

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Job Narrative 320-113244-1

Revision

The report being provided is a revision of the original report sent on 7/19/2024. The report (revision 1) is being revised to report only the original analysis for Perfluorohexanoic acid (PFHxA) for the following samples: MW-06-202406 (320-113244-1), MW-07-202406 (320-113244-2), MW-08-202406 (320-113244-3), DUP-09-202406 (320-113244-4), EB-09-202406 (320-113244-5), FB-01-202406 (320-113244-6), TB-01-202406 (320-113244-7), MW-03-202406 (320-113244-8), PZ-01-202406 (320-113244-9), MW-05-202406 (320-113244-10) and MW-02-202406 (320-113244-11). Due to a sample processing error that affected the QC for Perfluorohexanoic acid (PFHxA) in preparation batch 320-774110 and analytical batch 320-775469 these samples were re-extracted; however, the client has requested that only the original PFHxA data be reported.

Receipt

The samples were received on 6/21/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

LCMS

Method 537 (modified): The concentration of one or more analytes associated with the following samples exceeded the instrument calibration range: MW-01-202406 (320-113244-12) and MW-04-202406 (320-113244-13). These analytes have been qualified; however, the peaks did not saturate the instrument detector. The samples were diluted within calibration range, and both sets of data were reported.

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was outside the established ratio limits. The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte: MW-05-202406 (320-113244-10).

Method 537 (modified): Results for sample MW-02-202406 (320-113244-11) were reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits.

Method 537 (modified): Results for samples MW-01-202406 (320-113244-12) and MW-04-202406 (320-113244-13) were reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits.

Method 537 (modified): The low level laboratory control sample (LLCS) and the laboratory control sample duplicate (LCSD) for preparation batch 320-774110 and analytical batch 320-775469 recovered outside control limits for the following analytes: Perfluorohexanoic acid (PFHxA) due to a sampling processing error. The associated samples were re-prepared with LLCS and LCSD recovery within control limits, however there was method blank laboratory artifact present in the re-extraction batch. Per client request, only the original run was reported.

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

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-774110.

Method 3535: The following sample in preparation batch 320-774110 was light yellow in color prior to extraction: PZ-01-202406 (320-113244-9).

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-776203.

Method 3535: The following samples in preparation batch 320-776203 were observed to have floating particulates present in the sample bottle: PZ-01-202406 (320-113244-9) and MW-05-202406 (320-113244-10).

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-776366.

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

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Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-06-202406

Lab Sample ID: 320-113244-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA) - RE	6.4		5.1	2.5	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - RE	1.0	J	2.1	0.21	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-07-202406

Lab Sample ID: 320-113244-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA) - RE	2.6	J	4.4	2.1	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - RE	42		1.7	0.17	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-08-202406

Lab Sample ID: 320-113244-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS) - RE	0.29	J	1.6	0.16	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-09-202406

Lab Sample ID: 320-113244-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS) - RE	0.40	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA) - RE	1.6	J	1.8	0.86	ng/L	1		537 (modified)	Total/NA

Client Sample ID: EB-09-202406

Lab Sample ID: 320-113244-5

No Detections.

Client Sample ID: FB-01-202406

Lab Sample ID: 320-113244-6

No Detections.

Client Sample ID: TB-01-202406

Lab Sample ID: 320-113244-7

No Detections.

Client Sample ID: MW-03-202406

Lab Sample ID: 320-113244-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA) - RE	5.6		4.9	2.3	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - RE	1.1	J	2.0	0.48	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - RE	0.51	J	2.0	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - RE	0.95	J	2.0	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - RE	1.3	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA

Client Sample ID: PZ-01-202406

Lab Sample ID: 320-113244-9

No Detections.

Client Sample ID: MW-05-202406

Lab Sample ID: 320-113244-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	61	*+ * - *1	1.6	0.47	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - RE	26		4.2	2.0	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - RE	100		1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - RE	54		1.7	0.21	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-05-202406 (Continued)

Lab Sample ID: 320-113244-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA) - RE	44		1.7	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA) - RE	4.7	I	1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA) - RE	1.7		1.7	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - RE	0.66	J	1.7	0.17	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - RE	2.0		1.7	0.45	ng/L	1		537 (modified)	Total/NA
6:2 FTS - RE	70		4.2	2.1	ng/L	1		537 (modified)	Total/NA
8:2 FTS - RE	130		1.7	0.39	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-02-202406

Lab Sample ID: 320-113244-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	680	*- ** *1	9.2	2.7	ng/L	5		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - RE	250		4.6	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - RE	310		1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - RE	270		1.8	0.78	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA) - RE	26		1.8	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA) - RE	2.1		1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - RE	0.55	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - RE	1.3	J	1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - RE	3.1		1.8	0.49	ng/L	1		537 (modified)	Total/NA
4:2 FTS - RE	1.7	J	1.8	0.22	ng/L	1		537 (modified)	Total/NA
8:2 FTS - RE	220		1.8	0.42	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - REDL	1000		9.2	2.2	ng/L	5		537 (modified)	Total/NA
6:2 FTS - REDL	1300		23	11	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MW-01-202406

Lab Sample ID: 320-113244-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	170		4.5	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	510	E	1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	360		1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	310		1.8	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	27		1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	3.0		1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.68	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.4	J	1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.9		1.8	0.49	ng/L	1		537 (modified)	Total/NA
8:2 FTS	240		1.8	0.41	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	700		18	4.4	ng/L	10		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	540		18	2.2	ng/L	10		537 (modified)	Total/NA
6:2 FTS - DL	1200		45	22	ng/L	10		537 (modified)	Total/NA

Client Sample ID: MW-04-202406

Lab Sample ID: 320-113244-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	300		4.5	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	750	E	1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	510	E	1.8	0.76	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-04-202406 (Continued)

Lab Sample ID: 320-113244-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	53		1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	22		1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.1		1.8	0.99	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	1.1	J	1.8	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.77	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.28	J	1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.7		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	14		1.8	0.48	ng/L	1		537 (modified)	Total/NA
4:2 FTS	34		1.8	0.22	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1300		36	8.8	ng/L	20		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1000		36	10	ng/L	20		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	600		36	4.5	ng/L	20		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	840		36	15	ng/L	20		537 (modified)	Total/NA
6:2 FTS - DL	3900		90	45	ng/L	20		537 (modified)	Total/NA
8:2 FTS - DL	2300		36	8.3	ng/L	20		537 (modified)	Total/NA

Client Sample ID: EB-10-202406

Lab Sample ID: 320-113244-14

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-06-202406

Lab Sample ID: 320-113244-1

Date Collected: 06/19/24 15:10

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.53	*+ *- *1	1.8	0.53	ng/L		06/24/24 12:57	06/29/24 18:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	99		25 - 150				06/24/24 12:57	06/29/24 18:45	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	6.4		5.1	2.5	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluoropentanoic acid (PFPeA)	<0.50		2.1	0.50	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluoroheptanoic acid (PFHpA)	<0.26		2.1	0.26	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorooctanoic acid (PFOA)	<0.87		2.1	0.87	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorononanoic acid (PFNA)	<0.28		2.1	0.28	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorodecanoic acid (PFDA)	<0.32		2.1	0.32	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.1	1.1	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorododecanoic acid (PFDoA)	<0.57		2.1	0.57	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.1	1.3	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorotetradecanoic acid (PFTeA)	<0.75		2.1	0.75	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorobutanesulfonic acid (PFBS)	1.0 J		2.1	0.21	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.1	0.31	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorohexanesulfonic acid (PFHxS)	<0.59		2.1	0.59	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorooctanesulfonic acid (PFOS)	<0.56		2.1	0.56	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.1	0.38	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.1	0.33	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		07/02/24 12:19	07/06/24 09:16	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		07/02/24 12:19	07/06/24 09:16	1
NEtFOSA	<0.89		2.1	0.89	ng/L		07/02/24 12:19	07/06/24 09:16	1
NMeFOSA	<0.44		2.1	0.44	ng/L		07/02/24 12:19	07/06/24 09:16	1
NMeFOSAA	<1.2		5.1	1.2	ng/L		07/02/24 12:19	07/06/24 09:16	1
NEtFOSAA	<1.3		5.1	1.3	ng/L		07/02/24 12:19	07/06/24 09:16	1
NMeFOSE	<1.4		4.1	1.4	ng/L		07/02/24 12:19	07/06/24 09:16	1
NEtFOSE	<0.87		2.1	0.87	ng/L		07/02/24 12:19	07/06/24 09:16	1
4:2 FTS	<0.25		2.1	0.25	ng/L		07/02/24 12:19	07/06/24 09:16	1
6:2 FTS	<2.6		5.1	2.6	ng/L		07/02/24 12:19	07/06/24 09:16	1
8:2 FTS	<0.47		2.1	0.47	ng/L		07/02/24 12:19	07/06/24 09:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.1	0.41	ng/L		07/02/24 12:19	07/06/24 09:16	1
HFPO-DA (GenX)	<1.5		4.1	1.5	ng/L		07/02/24 12:19	07/06/24 09:16	1
9Cl-PF3ONS	<0.25		2.1	0.25	ng/L		07/02/24 12:19	07/06/24 09:16	1
11Cl-PF3OUdS	<0.33		2.1	0.33	ng/L		07/02/24 12:19	07/06/24 09:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	105		25 - 150				07/02/24 12:19	07/06/24 09:16	1
13C5 PFPeA	102		25 - 150				07/02/24 12:19	07/06/24 09:16	1
13C4 PFHpA	106		25 - 150				07/02/24 12:19	07/06/24 09:16	1
13C4 PFOA	105		25 - 150				07/02/24 12:19	07/06/24 09:16	1
13C5 PFNA	105		25 - 150				07/02/24 12:19	07/06/24 09:16	1
13C2 PFDA	103		25 - 150				07/02/24 12:19	07/06/24 09:16	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-06-202406

Lab Sample ID: 320-113244-1

Date Collected: 06/19/24 15:10

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	101		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C2 PFDoA	106		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C2 PFTeDA	102		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C3 PFBS	97		25 - 150	07/02/24 12:19	07/06/24 09:16	1
18O2 PFHxS	103		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C4 PFOS	102		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C8 FOSA	105		10 - 150	07/02/24 12:19	07/06/24 09:16	1
d3-NMeFOSAA	116		25 - 150	07/02/24 12:19	07/06/24 09:16	1
d5-NEtFOSAA	117		25 - 150	07/02/24 12:19	07/06/24 09:16	1
d-N-MeFOSA-M	89		10 - 150	07/02/24 12:19	07/06/24 09:16	1
d-N-EtFOSA-M	98		10 - 150	07/02/24 12:19	07/06/24 09:16	1
d7-N-MeFOSE-M	92		10 - 150	07/02/24 12:19	07/06/24 09:16	1
d9-N-EtFOSE-M	94		10 - 150	07/02/24 12:19	07/06/24 09:16	1
M2-4:2 FTS	107		25 - 150	07/02/24 12:19	07/06/24 09:16	1
M2-6:2 FTS	96		25 - 150	07/02/24 12:19	07/06/24 09:16	1
M2-8:2 FTS	96		25 - 150	07/02/24 12:19	07/06/24 09:16	1
13C3 HFPO-DA	96		25 - 150	07/02/24 12:19	07/06/24 09:16	1

Client Sample ID: MW-07-202406

Lab Sample ID: 320-113244-2

Date Collected: 06/19/24 13:22

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.51	*+ *- *1	1.8	0.51	ng/L		06/24/24 12:57	06/29/24 18:57	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	92		25 - 150	06/24/24 12:57	06/29/24 18:57	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.6	J	4.4	2.1	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.7	0.43	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.7	0.22	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorooctanoic acid (PFOA)	<0.74		1.7	0.74	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorononanoic acid (PFNA)	<0.24		1.7	0.24	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorodecanoic acid (PFDA)	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluoroundecanoic acid (PFUnA)	<0.96		1.7	0.96	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorododecanoic acid (PFDoA)	<0.48		1.7	0.48	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorotridecanoic acid (PFTTrDA)	<1.1		1.7	1.1	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.7	0.64	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorobutanesulfonic acid (PFBS)	42		1.7	0.17	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.7	0.26	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.7	0.50	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.7	0.17	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.47		1.7	0.47	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorononanesulfonic acid (PFNS)	<0.32		1.7	0.32	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.7	0.28	ng/L		07/02/24 12:19	07/10/24 21:03	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-07-202406

Lab Sample ID: 320-113244-2

Date Collected: 06/19/24 13:22

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	<0.85		1.7	0.85	ng/L		07/02/24 12:19	07/10/24 21:03	1
Perfluorooctanesulfonamide (FOSA)	<0.85		1.7	0.85	ng/L		07/02/24 12:19	07/10/24 21:03	1
NEtFOSA	<0.76		1.7	0.76	ng/L		07/02/24 12:19	07/10/24 21:03	1
NMeFOSA	<0.37		1.7	0.37	ng/L		07/02/24 12:19	07/10/24 21:03	1
NMeFOSAA	<1.0		4.4	1.0	ng/L		07/02/24 12:19	07/10/24 21:03	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/10/24 21:03	1
NMeFOSE	<1.2		3.5	1.2	ng/L		07/02/24 12:19	07/10/24 21:03	1
NEtFOSE	<0.74		1.7	0.74	ng/L		07/02/24 12:19	07/10/24 21:03	1
4:2 FTS	<0.21		1.7	0.21	ng/L		07/02/24 12:19	07/10/24 21:03	1
6:2 FTS	<2.2		4.4	2.2	ng/L		07/02/24 12:19	07/10/24 21:03	1
8:2 FTS	<0.40		1.7	0.40	ng/L		07/02/24 12:19	07/10/24 21:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.7	0.35	ng/L		07/02/24 12:19	07/10/24 21:03	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		07/02/24 12:19	07/10/24 21:03	1
9Cl-PF3ONS	<0.21		1.7	0.21	ng/L		07/02/24 12:19	07/10/24 21:03	1
11Cl-PF3OUdS	<0.28		1.7	0.28	ng/L		07/02/24 12:19	07/10/24 21:03	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C5 PFPeA	98		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C4 PFHpA	94		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C4 PFOA	97		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C5 PFNA	99		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C2 PFDA	111		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C2 PFUnA	102		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C2 PFDoA	89		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C2 PFTeDA	101		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C3 PFBS	84		25 - 150				07/02/24 12:19	07/10/24 21:03	1
18O2 PFHxS	95		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C4 PFOS	103		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C8 FOSA	122		10 - 150				07/02/24 12:19	07/10/24 21:03	1
d3-NMeFOSAA	106		25 - 150				07/02/24 12:19	07/10/24 21:03	1
d5-NEtFOSAA	126		25 - 150				07/02/24 12:19	07/10/24 21:03	1
d-N-MeFOSA-M	89		10 - 150				07/02/24 12:19	07/10/24 21:03	1
d-N-EtFOSA-M	96		10 - 150				07/02/24 12:19	07/10/24 21:03	1
d7-N-MeFOSE-M	85		10 - 150				07/02/24 12:19	07/10/24 21:03	1
d9-N-EtFOSE-M	81		10 - 150				07/02/24 12:19	07/10/24 21:03	1
M2-4:2 FTS	120		25 - 150				07/02/24 12:19	07/10/24 21:03	1
M2-6:2 FTS	130		25 - 150				07/02/24 12:19	07/10/24 21:03	1
M2-8:2 FTS	119		25 - 150				07/02/24 12:19	07/10/24 21:03	1
13C3 HFPO-DA	98		25 - 150				07/02/24 12:19	07/10/24 21:03	1

Client Sample ID: MW-08-202406

Lab Sample ID: 320-113244-3

Date Collected: 06/19/24 12:08

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.49	*+ *- *1	1.7	0.49	ng/L		06/24/24 12:57	06/29/24 19:10	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-08-202406

Lab Sample ID: 320-113244-3

Date Collected: 06/19/24 12:08

Matrix: Water

Date Received: 06/21/24 09:30

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFHxA	99		25 - 150	06/24/24 12:57	06/29/24 19:10	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Perfluorobutanoic acid (PFBA)	<2.0		4.1	2.0	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluoropentanoic acid (PFPeA)	<0.40		1.6	0.40	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluoroheptanoic acid (PFHpA)	<0.21		1.6	0.21	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorooctanoic acid (PFOA)	<0.70		1.6	0.70	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorononanoic acid (PFNA)	<0.22		1.6	0.22	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorodecanoic acid (PFDA)	<0.26		1.6	0.26	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluoroundecanoic acid (PFUnA)	<0.90		1.6	0.90	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorododecanoic acid (PFDoA)	<0.45		1.6	0.45	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorotridecanoic acid (PFTTrDA)	<1.1		1.6	1.1	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorotetradecanoic acid (PFTeA)	<0.60		1.6	0.60	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorobutanesulfonic acid (PFBS)	0.29	J	1.6	0.16	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.25		1.6	0.25	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.47		1.6	0.47	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.16		1.6	0.16	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.44		1.6	0.44	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorononanesulfonic acid (PFNS)	<0.30		1.6	0.30	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.26		1.6	0.26	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.80		1.6	0.80	ng/L		07/02/24 12:19	07/06/24 09:44	1
Perfluorooctanesulfonamide (FOSA)	<0.81		1.6	0.81	ng/L		07/02/24 12:19	07/06/24 09:44	1
NEtFOSA	<0.72		1.6	0.72	ng/L		07/02/24 12:19	07/06/24 09:44	1
NMeFOSA	<0.35		1.6	0.35	ng/L		07/02/24 12:19	07/06/24 09:44	1
NMeFOSAA	<0.99		4.1	0.99	ng/L		07/02/24 12:19	07/06/24 09:44	1
NEtFOSAA	<1.1		4.1	1.1	ng/L		07/02/24 12:19	07/06/24 09:44	1
NMeFOSE	<1.2		3.3	1.2	ng/L		07/02/24 12:19	07/06/24 09:44	1
NEtFOSE	<0.70		1.6	0.70	ng/L		07/02/24 12:19	07/06/24 09:44	1
4:2 FTS	<0.20		1.6	0.20	ng/L		07/02/24 12:19	07/06/24 09:44	1
6:2 FTS	<2.1		4.1	2.1	ng/L		07/02/24 12:19	07/06/24 09:44	1
8:2 FTS	<0.38		1.6	0.38	ng/L		07/02/24 12:19	07/06/24 09:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.33		1.6	0.33	ng/L		07/02/24 12:19	07/06/24 09:44	1
HFPO-DA (GenX)	<1.2		3.3	1.2	ng/L		07/02/24 12:19	07/06/24 09:44	1
9Cl-PF3ONS	<0.20		1.6	0.20	ng/L		07/02/24 12:19	07/06/24 09:44	1
11Cl-PF3OUdS	<0.26		1.6	0.26	ng/L		07/02/24 12:19	07/06/24 09:44	1

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	106		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C5 PFPeA	103		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C4 PFHpA	107		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C4 PFOA	105		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C5 PFNA	102		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C2 PFDA	104		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C2 PFUnA	100		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C2 PFDoA	93		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C2 PFTeDA	97		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C3 PFBS	100		25 - 150	07/02/24 12:19	07/06/24 09:44	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-08-202406

Lab Sample ID: 320-113244-3

Date Collected: 06/19/24 12:08

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	101		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C4 PFOS	105		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C8 FOSA	104		10 - 150	07/02/24 12:19	07/06/24 09:44	1
d3-NMeFOSAA	117		25 - 150	07/02/24 12:19	07/06/24 09:44	1
d5-NEtFOSAA	120		25 - 150	07/02/24 12:19	07/06/24 09:44	1
d-N-MeFOSA-M	93		10 - 150	07/02/24 12:19	07/06/24 09:44	1
d-N-EtFOSA-M	89		10 - 150	07/02/24 12:19	07/06/24 09:44	1
d7-N-MeFOSE-M	88		10 - 150	07/02/24 12:19	07/06/24 09:44	1
d9-N-EtFOSE-M	88		10 - 150	07/02/24 12:19	07/06/24 09:44	1
M2-4:2 FTS	106		25 - 150	07/02/24 12:19	07/06/24 09:44	1
M2-6:2 FTS	97		25 - 150	07/02/24 12:19	07/06/24 09:44	1
M2-8:2 FTS	94		25 - 150	07/02/24 12:19	07/06/24 09:44	1
13C3 HFPO-DA	97		25 - 150	07/02/24 12:19	07/06/24 09:44	1

Client Sample ID: DUP-09-202406

Lab Sample ID: 320-113244-4

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.47	*+ *- *1	1.6	0.47	ng/L		06/24/24 12:57	06/29/24 19:22	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C2 PFHxA	99		25 - 150	06/24/24 12:57	06/29/24 19:22	1			

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.8	0.43	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorooctanoic acid (PFOA)	<0.75		1.8	0.75	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorodecanoic acid (PFDA)	<0.27		1.8	0.27	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluoroundecanoic acid (PFUnA)	<0.97		1.8	0.97	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.8	1.1	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.8	0.64	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorobutanesulfonic acid (PFBS)	0.40	J	1.8	0.18	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.8	0.26	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.8	0.50	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		07/02/24 12:19	07/06/24 09:58	1
Perfluorooctanesulfonamide (FOSA)	1.6	J	1.8	0.86	ng/L		07/02/24 12:19	07/06/24 09:58	1
NEtFOSA	<0.77		1.8	0.77	ng/L		07/02/24 12:19	07/06/24 09:58	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: DUP-09-202406

Lab Sample ID: 320-113244-4

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSA	<0.38		1.8	0.38	ng/L		07/02/24 12:19	07/06/24 09:58	1
NMeFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/06/24 09:58	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/06/24 09:58	1
NMeFOSE	<1.2		3.5	1.2	ng/L		07/02/24 12:19	07/06/24 09:58	1
NEtFOSE	<0.75		1.8	0.75	ng/L		07/02/24 12:19	07/06/24 09:58	1
4:2 FTS	<0.21		1.8	0.21	ng/L		07/02/24 12:19	07/06/24 09:58	1
6:2 FTS	<2.2		4.4	2.2	ng/L		07/02/24 12:19	07/06/24 09:58	1
8:2 FTS	<0.41		1.8	0.41	ng/L		07/02/24 12:19	07/06/24 09:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.8	0.35	ng/L		07/02/24 12:19	07/06/24 09:58	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		07/02/24 12:19	07/06/24 09:58	1
9Cl-PF3ONS	<0.21		1.8	0.21	ng/L		07/02/24 12:19	07/06/24 09:58	1
11Cl-PF3OUdS	<0.28		1.8	0.28	ng/L		07/02/24 12:19	07/06/24 09:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	108		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C5 PFPeA	105		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C4 PFHpA	106		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C4 PFOA	102		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C5 PFNA	105		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C2 PFDA	106		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C2 PFUnA	108		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C2 PFDoA	89		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C2 PFTeDA	99		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C3 PFBS	105		25 - 150				07/02/24 12:19	07/06/24 09:58	1
18O2 PFHxS	106		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C4 PFOS	103		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C8 FOSA	112		10 - 150				07/02/24 12:19	07/06/24 09:58	1
d3-NMeFOSAA	115		25 - 150				07/02/24 12:19	07/06/24 09:58	1
d5-NEtFOSAA	112		25 - 150				07/02/24 12:19	07/06/24 09:58	1
d-N-MeFOSA-M	95		10 - 150				07/02/24 12:19	07/06/24 09:58	1
d-N-EtFOSA-M	88		10 - 150				07/02/24 12:19	07/06/24 09:58	1
d7-N-MeFOSE-M	92		10 - 150				07/02/24 12:19	07/06/24 09:58	1
d9-N-EtFOSE-M	93		10 - 150				07/02/24 12:19	07/06/24 09:58	1
M2-4:2 FTS	108		25 - 150				07/02/24 12:19	07/06/24 09:58	1
M2-6:2 FTS	99		25 - 150				07/02/24 12:19	07/06/24 09:58	1
M2-8:2 FTS	99		25 - 150				07/02/24 12:19	07/06/24 09:58	1
13C3 HFPO-DA	100		25 - 150				07/02/24 12:19	07/06/24 09:58	1

Client Sample ID: EB-09-202406

Lab Sample ID: 320-113244-5

Date Collected: 06/19/24 13:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.56	*+ * - *1	1.9	0.56	ng/L		06/24/24 12:57	06/29/24 19:35	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	100		25 - 150				06/24/24 12:57	06/29/24 19:35	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: EB-09-202406

Lab Sample ID: 320-113244-5

Date Collected: 06/19/24 13:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<1.9		4.0	1.9	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluoropentanoic acid (PFPeA)	<0.40		1.6	0.40	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluoroheptanoic acid (PFHpA)	<0.20		1.6	0.20	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorooctanoic acid (PFOA)	<0.69		1.6	0.69	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorononanoic acid (PFNA)	<0.22		1.6	0.22	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorodecanoic acid (PFDA)	<0.25		1.6	0.25	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluoroundecanoic acid (PFUnA)	<0.89		1.6	0.89	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorododecanoic acid (PFDoA)	<0.44		1.6	0.44	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorotridecanoic acid (PFTrDA)	<1.0		1.6	1.0	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorotetradecanoic acid (PFTeA)	<0.59		1.6	0.59	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorobutanesulfonic acid (PFBS)	<0.16		1.6	0.16	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluoropentanesulfonic acid (PFPeS)	<0.24		1.6	0.24	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorohexanesulfonic acid (PFHxS)	<0.46		1.6	0.46	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.15		1.6	0.15	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorooctanesulfonic acid (PFOS)	<0.44		1.6	0.44	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorononanesulfonic acid (PFNS)	<0.30		1.6	0.30	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorodecanesulfonic acid (PFDS)	<0.26		1.6	0.26	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorododecanesulfonic acid (PFDoS)	<0.78		1.6	0.78	ng/L		07/02/24 12:19	07/06/24 10:12	1
Perfluorooctanesulfonamide (FOSA)	<0.79		1.6	0.79	ng/L		07/02/24 12:19	07/06/24 10:12	1
NEtFOSA	<0.70		1.6	0.70	ng/L		07/02/24 12:19	07/06/24 10:12	1
NMeFOSA	<0.35		1.6	0.35	ng/L		07/02/24 12:19	07/06/24 10:12	1
NMeFOSAA	<0.97		4.0	0.97	ng/L		07/02/24 12:19	07/06/24 10:12	1
NEtFOSAA	<1.0		4.0	1.0	ng/L		07/02/24 12:19	07/06/24 10:12	1
NMeFOSE	<1.1		3.2	1.1	ng/L		07/02/24 12:19	07/06/24 10:12	1
NEtFOSE	<0.69		1.6	0.69	ng/L		07/02/24 12:19	07/06/24 10:12	1
4:2 FTS	<0.19		1.6	0.19	ng/L		07/02/24 12:19	07/06/24 10:12	1
6:2 FTS	<2.0		4.0	2.0	ng/L		07/02/24 12:19	07/06/24 10:12	1
8:2 FTS	<0.37		1.6	0.37	ng/L		07/02/24 12:19	07/06/24 10:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.32		1.6	0.32	ng/L		07/02/24 12:19	07/06/24 10:12	1
HFPO-DA (GenX)	<1.2		3.2	1.2	ng/L		07/02/24 12:19	07/06/24 10:12	1
9Cl-PF3ONS	<0.19		1.6	0.19	ng/L		07/02/24 12:19	07/06/24 10:12	1
11Cl-PF3OUdS	<0.26		1.6	0.26	ng/L		07/02/24 12:19	07/06/24 10:12	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	110		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C5 PFPeA	111		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C4 PFHpA	114		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C4 PFOA	102		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C5 PFNA	108		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C2 PFDA	111		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C2 PFUnA	119		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C2 PFDoA	106		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C2 PFTeDA	101		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C3 PFBS	108		25 - 150				07/02/24 12:19	07/06/24 10:12	1
18O2 PFHxS	114		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C4 PFOS	113		25 - 150				07/02/24 12:19	07/06/24 10:12	1
13C8 FOSA	107		10 - 150				07/02/24 12:19	07/06/24 10:12	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: EB-09-202406

Lab Sample ID: 320-113244-5

Date Collected: 06/19/24 13:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMeFOSAA	127		25 - 150	07/02/24 12:19	07/06/24 10:12	1
d5-NEtFOSAA	124		25 - 150	07/02/24 12:19	07/06/24 10:12	1
d-N-MeFOSA-M	89		10 - 150	07/02/24 12:19	07/06/24 10:12	1
d-N-EtFOSA-M	89		10 - 150	07/02/24 12:19	07/06/24 10:12	1
d7-N-MeFOSE-M	89		10 - 150	07/02/24 12:19	07/06/24 10:12	1
d9-N-EtFOSE-M	93		10 - 150	07/02/24 12:19	07/06/24 10:12	1
M2-4:2 FTS	114		25 - 150	07/02/24 12:19	07/06/24 10:12	1
M2-6:2 FTS	97		25 - 150	07/02/24 12:19	07/06/24 10:12	1
M2-8:2 FTS	103		25 - 150	07/02/24 12:19	07/06/24 10:12	1
13C3 HFPO-DA	99		25 - 150	07/02/24 12:19	07/06/24 10:12	1

Client Sample ID: FB-01-202406

Lab Sample ID: 320-113244-6

Date Collected: 06/19/24 13:30

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.52	*+ *- *1	1.8	0.52	ng/L		06/24/24 12:57	06/29/24 19:47	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	95		25 - 150	06/24/24 12:57	06/29/24 19:47	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.8	0.43	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorooctanoic acid (PFOA)	<0.75		1.8	0.75	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorodecanoic acid (PFDA)	<0.27		1.8	0.27	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluoroundecanoic acid (PFUnA)	<0.97		1.8	0.97	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.8	1.1	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.8	0.64	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.8	0.50	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		07/02/24 12:19	07/06/24 10:26	1
Perfluorooctanesulfonamide (FOSA)	<0.87		1.8	0.87	ng/L		07/02/24 12:19	07/06/24 10:26	1
NEtFOSA	<0.77		1.8	0.77	ng/L		07/02/24 12:19	07/06/24 10:26	1
NMeFOSA	<0.38		1.8	0.38	ng/L		07/02/24 12:19	07/06/24 10:26	1
NMeFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/06/24 10:26	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/06/24 10:26	1
NMeFOSE	<1.2		3.5	1.2	ng/L		07/02/24 12:19	07/06/24 10:26	1
NEtFOSE	<0.75		1.8	0.75	ng/L		07/02/24 12:19	07/06/24 10:26	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: FB-01-202406

Lab Sample ID: 320-113244-6

Date Collected: 06/19/24 13:30

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4:2 FTS	<0.21		1.8	0.21	ng/L		07/02/24 12:19	07/06/24 10:26	1
6:2 FTS	<2.2		4.4	2.2	ng/L		07/02/24 12:19	07/06/24 10:26	1
8:2 FTS	<0.41		1.8	0.41	ng/L		07/02/24 12:19	07/06/24 10:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.8	0.35	ng/L		07/02/24 12:19	07/06/24 10:26	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		07/02/24 12:19	07/06/24 10:26	1
9CI-PF3ONS	<0.21		1.8	0.21	ng/L		07/02/24 12:19	07/06/24 10:26	1
11CI-PF3OUdS	<0.28		1.8	0.28	ng/L		07/02/24 12:19	07/06/24 10:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	111		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C5 PFPeA	112		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C4 PFHpA	114		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C4 PFOA	108		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C5 PFNA	111		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C2 PFDA	105		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C2 PFUnA	109		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C2 PFDoA	107		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C2 PFTeDA	93		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C3 PFBS	104		25 - 150				07/02/24 12:19	07/06/24 10:26	1
18O2 PFHxS	111		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C4 PFOS	112		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C8 FOSA	106		10 - 150				07/02/24 12:19	07/06/24 10:26	1
d3-NMeFOSAA	116		25 - 150				07/02/24 12:19	07/06/24 10:26	1
d5-NEtFOSAA	121		25 - 150				07/02/24 12:19	07/06/24 10:26	1
d-N-MeFOSA-M	95		10 - 150				07/02/24 12:19	07/06/24 10:26	1
d-N-EtFOSA-M	95		10 - 150				07/02/24 12:19	07/06/24 10:26	1
d7-N-MeFOSE-M	92		10 - 150				07/02/24 12:19	07/06/24 10:26	1
d9-N-EtFOSE-M	95		10 - 150				07/02/24 12:19	07/06/24 10:26	1
M2-4:2 FTS	113		25 - 150				07/02/24 12:19	07/06/24 10:26	1
M2-6:2 FTS	101		25 - 150				07/02/24 12:19	07/06/24 10:26	1
M2-8:2 FTS	109		25 - 150				07/02/24 12:19	07/06/24 10:26	1
13C3 HFPO-DA	102		25 - 150				07/02/24 12:19	07/06/24 10:26	1

Client Sample ID: TB-01-202406

Lab Sample ID: 320-113244-7

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.49	*+ * - *1	1.7	0.49	ng/L		06/24/24 12:57	06/29/24 20:25	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	96		25 - 150				06/24/24 12:57	06/29/24 20:25	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.0		4.2	2.0	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluoropentanoic acid (PFPeA)	<0.41		1.7	0.41	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluoroheptanoic acid (PFHpA)	<0.21		1.7	0.21	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorooctanoic acid (PFOA)	<0.72		1.7	0.72	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorononanoic acid (PFNA)	<0.23		1.7	0.23	ng/L		07/02/24 12:19	07/06/24 10:40	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: TB-01-202406

Lab Sample ID: 320-113244-7

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	<0.26		1.7	0.26	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluoroundecanoic acid (PFUnA)	<0.93		1.7	0.93	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorododecanoic acid (PFDoA)	<0.46		1.7	0.46	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorotetradecanoic acid (PFTeA)	<0.61		1.7	0.61	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.25		1.7	0.25	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorohexanesulfonic acid (PFHxS)	<0.48		1.7	0.48	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.16		1.7	0.16	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorooctanesulfonic acid (PFOS)	<0.45		1.7	0.45	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorononanesulfonic acid (PFNS)	<0.31		1.7	0.31	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorodecanesulfonic acid (PFDS)	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorododecanesulfonic acid (PFDoS)	<0.82		1.7	0.82	ng/L		07/02/24 12:19	07/06/24 10:40	1
Perfluorooctanesulfonamide (FOSA)	<0.83		1.7	0.83	ng/L		07/02/24 12:19	07/06/24 10:40	1
NEtFOSA	<0.73		1.7	0.73	ng/L		07/02/24 12:19	07/06/24 10:40	1
NMeFOSA	<0.36		1.7	0.36	ng/L		07/02/24 12:19	07/06/24 10:40	1
NMeFOSAA	<1.0		4.2	1.0	ng/L		07/02/24 12:19	07/06/24 10:40	1
NEtFOSAA	<1.1		4.2	1.1	ng/L		07/02/24 12:19	07/06/24 10:40	1
NMeFOSE	<1.2		3.4	1.2	ng/L		07/02/24 12:19	07/06/24 10:40	1
NEtFOSE	<0.72		1.7	0.72	ng/L		07/02/24 12:19	07/06/24 10:40	1
4:2 FTS	<0.20		1.7	0.20	ng/L		07/02/24 12:19	07/06/24 10:40	1
6:2 FTS	<2.1		4.2	2.1	ng/L		07/02/24 12:19	07/06/24 10:40	1
8:2 FTS	<0.39		1.7	0.39	ng/L		07/02/24 12:19	07/06/24 10:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.34		1.7	0.34	ng/L		07/02/24 12:19	07/06/24 10:40	1
HFPO-DA (GenX)	<1.3		3.4	1.3	ng/L		07/02/24 12:19	07/06/24 10:40	1
9Cl-PF3ONS	<0.20		1.7	0.20	ng/L		07/02/24 12:19	07/06/24 10:40	1
11Cl-PF3OUdS	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/06/24 10:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	104		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C5 PFPeA	103		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C4 PFHpA	108		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C4 PFOA	100		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C5 PFNA	103		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C2 PFDA	105		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C2 PFUnA	109		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C2 PFDoA	105		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C2 PFTeDA	97		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C3 PFBS	101		25 - 150				07/02/24 12:19	07/06/24 10:40	1
18O2 PFHxS	108		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C4 PFOS	103		25 - 150				07/02/24 12:19	07/06/24 10:40	1
13C8 FOSA	102		10 - 150				07/02/24 12:19	07/06/24 10:40	1
d3-NMeFOSAA	116		25 - 150				07/02/24 12:19	07/06/24 10:40	1
d5-NEtFOSAA	115		25 - 150				07/02/24 12:19	07/06/24 10:40	1
d-N-MeFOSA-M	93		10 - 150				07/02/24 12:19	07/06/24 10:40	1
d-N-EtFOSA-M	94		10 - 150				07/02/24 12:19	07/06/24 10:40	1
d7-N-MeFOSE-M	90		10 - 150				07/02/24 12:19	07/06/24 10:40	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: TB-01-202406

Lab Sample ID: 320-113244-7

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	94		10 - 150	07/02/24 12:19	07/06/24 10:40	1
M2-4:2 FTS	111		25 - 150	07/02/24 12:19	07/06/24 10:40	1
M2-6:2 FTS	94		25 - 150	07/02/24 12:19	07/06/24 10:40	1
M2-8:2 FTS	105		25 - 150	07/02/24 12:19	07/06/24 10:40	1
13C3 HFPO-DA	100		25 - 150	07/02/24 12:19	07/06/24 10:40	1

Client Sample ID: MW-03-202406

Lab Sample ID: 320-113244-8

Date Collected: 06/19/24 16:14

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.56	*+ *- *1	1.9	0.56	ng/L		06/24/24 12:57	06/29/24 20:37	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C2 PFHxA	96		25 - 150	06/24/24 12:57	06/29/24 20:37	1			

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.6		4.9	2.3	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluoropentanoic acid (PFPeA)	1.1	J	2.0	0.48	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluoroheptanoic acid (PFHpA)	0.51	J	2.0	0.24	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorooctanoic acid (PFOA)	0.95	J	2.0	0.83	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorononanoic acid (PFNA)	<0.26		2.0	0.26	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorodecanoic acid (PFDA)	<0.30		2.0	0.30	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		2.0	0.71	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorobutanesulfonic acid (PFBS)	1.3	J	2.0	0.20	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		2.0	0.29	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		2.0	0.31	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorododecanesulfonic acid (PFDoS)	<0.95		2.0	0.95	ng/L		07/02/24 12:19	07/06/24 11:22	1
Perfluorooctanesulfonamide (FOSA)	<0.96		2.0	0.96	ng/L		07/02/24 12:19	07/06/24 11:22	1
NEtFOSA	<0.85		2.0	0.85	ng/L		07/02/24 12:19	07/06/24 11:22	1
NMeFOSA	<0.42		2.0	0.42	ng/L		07/02/24 12:19	07/06/24 11:22	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		07/02/24 12:19	07/06/24 11:22	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		07/02/24 12:19	07/06/24 11:22	1
NMeFOSE	<1.4		3.9	1.4	ng/L		07/02/24 12:19	07/06/24 11:22	1
NEtFOSE	<0.83		2.0	0.83	ng/L		07/02/24 12:19	07/06/24 11:22	1
4:2 FTS	<0.23		2.0	0.23	ng/L		07/02/24 12:19	07/06/24 11:22	1
6:2 FTS	<2.4		4.9	2.4	ng/L		07/02/24 12:19	07/06/24 11:22	1
8:2 FTS	<0.45		2.0	0.45	ng/L		07/02/24 12:19	07/06/24 11:22	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-03-202406

Lab Sample ID: 320-113244-8

Date Collected: 06/19/24 16:14

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		07/02/24 12:19	07/06/24 11:22	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		07/02/24 12:19	07/06/24 11:22	1
9CI-PF3ONS	<0.23		2.0	0.23	ng/L		07/02/24 12:19	07/06/24 11:22	1
11CI-PF3OUdS	<0.31		2.0	0.31	ng/L		07/02/24 12:19	07/06/24 11:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	108		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C5 PFPeA	105		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C4 PFHpA	113		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C4 PFOA	101		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C5 PFNA	105		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C2 PFDA	112		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C2 PFUnA	106		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C2 PFDoA	109		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C2 PFTeDA	93		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C3 PFBS	96		25 - 150				07/02/24 12:19	07/06/24 11:22	1
18O2 PFHxS	104		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C4 PFOS	100		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C8 FOSA	98		10 - 150				07/02/24 12:19	07/06/24 11:22	1
d3-NMeFOSAA	121		25 - 150				07/02/24 12:19	07/06/24 11:22	1
d5-NEtFOSAA	118		25 - 150				07/02/24 12:19	07/06/24 11:22	1
d-N-MeFOSA-M	86		10 - 150				07/02/24 12:19	07/06/24 11:22	1
d-N-EtFOSA-M	93		10 - 150				07/02/24 12:19	07/06/24 11:22	1
d7-N-MeFOSE-M	83		10 - 150				07/02/24 12:19	07/06/24 11:22	1
d9-N-EtFOSE-M	93		10 - 150				07/02/24 12:19	07/06/24 11:22	1
M2-4:2 FTS	108		25 - 150				07/02/24 12:19	07/06/24 11:22	1
M2-6:2 FTS	97		25 - 150				07/02/24 12:19	07/06/24 11:22	1
M2-8:2 FTS	102		25 - 150				07/02/24 12:19	07/06/24 11:22	1
13C3 HFPO-DA	100		25 - 150				07/02/24 12:19	07/06/24 11:22	1

Client Sample ID: PZ-01-202406

Lab Sample ID: 320-113244-9

Date Collected: 06/20/24 10:52

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	<0.51	*+ *- *1	1.7	0.51	ng/L		06/24/24 12:57	06/29/24 20:50	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	96		25 - 150				06/24/24 12:57	06/29/24 20:50	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.7	0.43	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.7	0.22	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorooctanoic acid (PFOA)	<0.74		1.7	0.74	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorononanoic acid (PFNA)	<0.24		1.7	0.24	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorodecanoic acid (PFDA)	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluoroundecanoic acid (PFUnA)	<0.96		1.7	0.96	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorododecanoic acid (PFDoA)	<0.48		1.7	0.48	ng/L		07/02/24 12:19	07/06/24 11:36	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: PZ-01-202406

Lab Sample ID: 320-113244-9

Date Collected: 06/20/24 10:52

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.7	0.64	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.7	0.26	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.7	0.50	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.7	0.17	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorooctanesulfonic acid (PFOS)	<0.47		1.7	0.47	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorononanesulfonic acid (PFNS)	<0.32		1.7	0.32	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.7	0.28	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorododecanesulfonic acid (PFDoS)	<0.85		1.7	0.85	ng/L		07/02/24 12:19	07/06/24 11:36	1
Perfluorooctanesulfonamide (FOSA)	<0.86		1.7	0.86	ng/L		07/02/24 12:19	07/06/24 11:36	1
NEtFOSA	<0.76		1.7	0.76	ng/L		07/02/24 12:19	07/06/24 11:36	1
NMeFOSA	<0.38		1.7	0.38	ng/L		07/02/24 12:19	07/06/24 11:36	1
NMeFOSAA	<1.0		4.4	1.0	ng/L		07/02/24 12:19	07/06/24 11:36	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		07/02/24 12:19	07/06/24 11:36	1
NMeFOSE	<1.2		3.5	1.2	ng/L		07/02/24 12:19	07/06/24 11:36	1
NEtFOSE	<0.74		1.7	0.74	ng/L		07/02/24 12:19	07/06/24 11:36	1
4:2 FTS	<0.21		1.7	0.21	ng/L		07/02/24 12:19	07/06/24 11:36	1
6:2 FTS	<2.2		4.4	2.2	ng/L		07/02/24 12:19	07/06/24 11:36	1
8:2 FTS	<0.40		1.7	0.40	ng/L		07/02/24 12:19	07/06/24 11:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.7	0.35	ng/L		07/02/24 12:19	07/06/24 11:36	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		07/02/24 12:19	07/06/24 11:36	1
9Cl-PF3ONS	<0.21		1.7	0.21	ng/L		07/02/24 12:19	07/06/24 11:36	1
11Cl-PF3OUdS	<0.28		1.7	0.28	ng/L		07/02/24 12:19	07/06/24 11:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C5 PFPeA	101		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C4 PFHpA	106		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C4 PFOA	100		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C5 PFNA	105		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C2 PFDA	108		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C2 PFUnA	107		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C2 PFDoA	104		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C2 PFTeDA	99		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C3 PFBS	93		25 - 150	07/02/24 12:19	07/06/24 11:36	1
18O2 PFHxS	101		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C4 PFOS	104		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C8 FOSA	106		10 - 150	07/02/24 12:19	07/06/24 11:36	1
d3-NMeFOSAA	115		25 - 150	07/02/24 12:19	07/06/24 11:36	1
d5-NEtFOSAA	116		25 - 150	07/02/24 12:19	07/06/24 11:36	1
d-N-MeFOSA-M	96		10 - 150	07/02/24 12:19	07/06/24 11:36	1
d-N-EtFOSA-M	93		10 - 150	07/02/24 12:19	07/06/24 11:36	1
d7-N-MeFOSE-M	93		10 - 150	07/02/24 12:19	07/06/24 11:36	1
d9-N-EtFOSE-M	92		10 - 150	07/02/24 12:19	07/06/24 11:36	1
M2-4:2 FTS	110		25 - 150	07/02/24 12:19	07/06/24 11:36	1
M2-6:2 FTS	92		25 - 150	07/02/24 12:19	07/06/24 11:36	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: PZ-01-202406

Lab Sample ID: 320-113244-9

Date Collected: 06/20/24 10:52

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	95		25 - 150	07/02/24 12:19	07/06/24 11:36	1
13C3 HFPO-DA	99		25 - 150	07/02/24 12:19	07/06/24 11:36	1

Client Sample ID: MW-05-202406

Lab Sample ID: 320-113244-10

Date Collected: 06/20/24 12:41

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	61	*+ *-*1	1.6	0.47	ng/L		06/24/24 12:57	06/29/24 21:03	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C2 PFHxA	96		25 - 150	06/24/24 12:57	06/29/24 21:03	1			

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	26		4.2	2.0	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluoropentanoic acid (PFPeA)	100		1.7	0.41	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluoroheptanoic acid (PFHpA)	54		1.7	0.21	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorooctanoic acid (PFOA)	44		1.7	0.71	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorononanoic acid (PFNA)	4.7	I	1.7	0.23	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorodecanoic acid (PFDA)	1.7		1.7	0.26	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluoroundecanoic acid (PFUnA)	<0.92		1.7	0.92	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorododecanoic acid (PFDoA)	<0.46		1.7	0.46	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorotetradecanoic acid (PFTeA)	<0.61		1.7	0.61	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorobutanesulfonic acid (PFBS)	0.66	J	1.7	0.17	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.25		1.7	0.25	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.48		1.7	0.48	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.16		1.7	0.16	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorooctanesulfonic acid (PFOS)	2.0		1.7	0.45	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorononanesulfonic acid (PFNS)	<0.31		1.7	0.31	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorodecanesulfonic acid (PFDS)	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorododecanesulfonic acid (PFDoS)	<0.81		1.7	0.81	ng/L		07/02/24 12:19	07/06/24 11:50	1
Perfluorooctanesulfonamide (FOSA)	<0.82		1.7	0.82	ng/L		07/02/24 12:19	07/06/24 11:50	1
NEtFOSA	<0.73		1.7	0.73	ng/L		07/02/24 12:19	07/06/24 11:50	1
NMeFOSA	<0.36		1.7	0.36	ng/L		07/02/24 12:19	07/06/24 11:50	1
NMeFOSAA	<1.0		4.2	1.0	ng/L		07/02/24 12:19	07/06/24 11:50	1
NEtFOSAA	<1.1		4.2	1.1	ng/L		07/02/24 12:19	07/06/24 11:50	1
NMeFOSE	<1.2		3.4	1.2	ng/L		07/02/24 12:19	07/06/24 11:50	1
NEtFOSE	<0.71		1.7	0.71	ng/L		07/02/24 12:19	07/06/24 11:50	1
4:2 FTS	<0.20		1.7	0.20	ng/L		07/02/24 12:19	07/06/24 11:50	1
6:2 FTS	70		4.2	2.1	ng/L		07/02/24 12:19	07/06/24 11:50	1
8:2 FTS	130		1.7	0.39	ng/L		07/02/24 12:19	07/06/24 11:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.34		1.7	0.34	ng/L		07/02/24 12:19	07/06/24 11:50	1
HFPO-DA (GenX)	<1.3		3.4	1.3	ng/L		07/02/24 12:19	07/06/24 11:50	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-05-202406

Lab Sample ID: 320-113244-10

Date Collected: 06/20/24 12:41

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9CI-PF3ONS	<0.20		1.7	0.20	ng/L		07/02/24 12:19	07/06/24 11:50	1
11CI-PF3OUdS	<0.27		1.7	0.27	ng/L		07/02/24 12:19	07/06/24 11:50	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	115		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C5 PFPeA	106		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C4 PFHpA	110		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C4 PFOA	100		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C5 PFNA	109		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C2 PFDA	109		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C2 PFUnA	107		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C2 PFDoA	104		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C2 PFTeDA	97		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C3 PFBS	101		25 - 150				07/02/24 12:19	07/06/24 11:50	1
18O2 PFHxS	106		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C4 PFOS	104		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C8 FOSA	108		10 - 150				07/02/24 12:19	07/06/24 11:50	1
d3-NMeFOSAA	118		25 - 150				07/02/24 12:19	07/06/24 11:50	1
d5-NEtFOSAA	120		25 - 150				07/02/24 12:19	07/06/24 11:50	1
d-N-MeFOSA-M	95		10 - 150				07/02/24 12:19	07/06/24 11:50	1
d-N-EtFOSA-M	91		10 - 150				07/02/24 12:19	07/06/24 11:50	1
d7-N-MeFOSE-M	95		10 - 150				07/02/24 12:19	07/06/24 11:50	1
d9-N-EtFOSE-M	99		10 - 150				07/02/24 12:19	07/06/24 11:50	1
M2-4:2 FTS	107		25 - 150				07/02/24 12:19	07/06/24 11:50	1
M2-6:2 FTS	96		25 - 150				07/02/24 12:19	07/06/24 11:50	1
M2-8:2 FTS	106		25 - 150				07/02/24 12:19	07/06/24 11:50	1
13C3 HFPO-DA	102		25 - 150				07/02/24 12:19	07/06/24 11:50	1

Client Sample ID: MW-02-202406

Lab Sample ID: 320-113244-11

Date Collected: 06/20/24 13:26

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	680	*- ** *1	9.2	2.7	ng/L		06/24/24 12:57	07/17/24 17:33	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C2 PFHxA	95		25 - 150				06/24/24 12:57	07/17/24 17:33	5

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	250		4.6	2.2	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluoroheptanoic acid (PFHpA)	310		1.8	0.23	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorooctanoic acid (PFOA)	270		1.8	0.78	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorononanoic acid (PFNA)	26		1.8	0.25	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorodecanoic acid (PFDA)	2.1		1.8	0.28	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorotridecanoic acid (PFTTrDA)	<1.2		1.8	1.2	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorobutanesulfonic acid (PFBS)	0.55	J	1.8	0.18	ng/L		07/02/24 12:19	07/06/24 12:04	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-02-202406

Lab Sample ID: 320-113244-11

Date Collected: 06/20/24 13:26

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	1.8	0.52	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorooctanesulfonic acid (PFOS)	3.1		1.8	0.49	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		07/02/24 12:19	07/06/24 12:04	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		07/02/24 12:19	07/06/24 12:04	1
NEtFOSA	<0.80		1.8	0.80	ng/L		07/02/24 12:19	07/06/24 12:04	1
NMeFOSA	<0.39		1.8	0.39	ng/L		07/02/24 12:19	07/06/24 12:04	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		07/02/24 12:19	07/06/24 12:04	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		07/02/24 12:19	07/06/24 12:04	1
NMeFOSE	<1.3		3.7	1.3	ng/L		07/02/24 12:19	07/06/24 12:04	1
NEtFOSE	<0.78		1.8	0.78	ng/L		07/02/24 12:19	07/06/24 12:04	1
4:2 FTS	1.7	J	1.8	0.22	ng/L		07/02/24 12:19	07/06/24 12:04	1
8:2 FTS	220		1.8	0.42	ng/L		07/02/24 12:19	07/06/24 12:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		07/02/24 12:19	07/06/24 12:04	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		07/02/24 12:19	07/06/24 12:04	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		07/02/24 12:19	07/06/24 12:04	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		07/02/24 12:19	07/06/24 12:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	105		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C4 PFHpA	110		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C4 PFOA	101		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C5 PFNA	107		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C2 PFDA	108		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C2 PFUnA	104		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C2 PFDoA	96		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C2 PFTeDA	97		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C3 PFBS	102		25 - 150	07/02/24 12:19	07/06/24 12:04	1
18O2 PFHxS	109		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C4 PFOS	108		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C8 FOSA	113		10 - 150	07/02/24 12:19	07/06/24 12:04	1
d3-NMeFOSAA	118		25 - 150	07/02/24 12:19	07/06/24 12:04	1
d5-NEtFOSAA	114		25 - 150	07/02/24 12:19	07/06/24 12:04	1
d-N-MeFOSA-M	100		10 - 150	07/02/24 12:19	07/06/24 12:04	1
d-N-EtFOSA-M	102		10 - 150	07/02/24 12:19	07/06/24 12:04	1
d7-N-MeFOSE-M	87		10 - 150	07/02/24 12:19	07/06/24 12:04	1
d9-N-EtFOSE-M	93		10 - 150	07/02/24 12:19	07/06/24 12:04	1
M2-4:2 FTS	106		25 - 150	07/02/24 12:19	07/06/24 12:04	1
M2-8:2 FTS	101		25 - 150	07/02/24 12:19	07/06/24 12:04	1
13C3 HFPO-DA	104		25 - 150	07/02/24 12:19	07/06/24 12:04	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-02-202406

Lab Sample ID: 320-113244-11

Date Collected: 06/20/24 13:26

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	1000		9.2	2.2	ng/L		07/02/24 12:19	07/10/24 21:16	5
6:2 FTS	1300		23	11	ng/L		07/02/24 12:19	07/10/24 21:16	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFPeA	103		25 - 150				07/02/24 12:19	07/10/24 21:16	5
13C2 PFHxA	115		25 - 150				07/02/24 12:19	07/10/24 21:16	5
M2-6:2 FTS	142		25 - 150				07/02/24 12:19	07/10/24 21:16	5

Client Sample ID: MW-01-202406

Lab Sample ID: 320-113244-12

Date Collected: 06/20/24 14:41

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	170		4.5	2.2	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluoropentanoic acid (PFPeA)	510	E	1.8	0.44	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorohexanoic acid (PFHxA)	360		1.8	0.52	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorooctanoic acid (PFOA)	310		1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorononanoic acid (PFNA)	27		1.8	0.24	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorodecanoic acid (PFDA)	3.0		1.8	0.28	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorobutanesulfonic acid (PFBS)	0.68	J	1.8	0.18	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorohexanesulfonic acid (PFHxS)	1.4	J	1.8	0.51	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorooctanesulfonic acid (PFOS)	4.9		1.8	0.49	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		07/03/24 08:27	07/07/24 15:15	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		07/03/24 08:27	07/07/24 15:15	1
NEtFOSA	<0.78		1.8	0.78	ng/L		07/03/24 08:27	07/07/24 15:15	1
NMeFOSA	<0.39		1.8	0.39	ng/L		07/03/24 08:27	07/07/24 15:15	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		07/03/24 08:27	07/07/24 15:15	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		07/03/24 08:27	07/07/24 15:15	1
NMeFOSE	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:15	1
NEtFOSE	<0.76		1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:15	1
4:2 FTS	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:15	1
8:2 FTS	240		1.8	0.41	ng/L		07/03/24 08:27	07/07/24 15:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		07/03/24 08:27	07/07/24 15:15	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:15	1
9CI-PF3ONS	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:15	1
11CI-PF3OUdS	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:15	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-01-202406

Lab Sample ID: 320-113244-12

Date Collected: 06/20/24 14:41

Matrix: Water

Date Received: 06/21/24 09:30

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C5 PFPeA	99		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C2 PFHxA	100		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C4 PFHpA	102		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C4 PFOA	93		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C5 PFNA	98		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C2 PFDA	101		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C2 PFUnA	91		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C2 PFDoA	93		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C2 PFTeDA	90		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C3 PFBS	90		25 - 150	07/03/24 08:27	07/07/24 15:15	1
18O2 PFHxS	95		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C4 PFOS	95		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C8 FOSA	107		10 - 150	07/03/24 08:27	07/07/24 15:15	1
d3-NMeFOSAA	90		25 - 150	07/03/24 08:27	07/07/24 15:15	1
d5-NEtFOSAA	91		25 - 150	07/03/24 08:27	07/07/24 15:15	1
d-N-MeFOSA-M	81		10 - 150	07/03/24 08:27	07/07/24 15:15	1
d-N-EtFOSA-M	84		10 - 150	07/03/24 08:27	07/07/24 15:15	1
d7-N-MeFOSE-M	94		10 - 150	07/03/24 08:27	07/07/24 15:15	1
d9-N-EtFOSE-M	93		10 - 150	07/03/24 08:27	07/07/24 15:15	1
M2-4:2 FTS	60		25 - 150	07/03/24 08:27	07/07/24 15:15	1
M2-6:2 FTS	59		25 - 150	07/03/24 08:27	07/07/24 15:15	1
M2-8:2 FTS	73		25 - 150	07/03/24 08:27	07/07/24 15:15	1
13C3 HFPO-DA	102		25 - 150	07/03/24 08:27	07/07/24 15:15	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	700		18	4.4	ng/L		07/03/24 08:27	07/10/24 21:33	10
Perfluoroheptanoic acid (PFHpA)	540		18	2.2	ng/L		07/03/24 08:27	07/10/24 21:33	10
6:2 FTS	1200		45	22	ng/L		07/03/24 08:27	07/10/24 21:33	10
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C5 PFPeA	106		25 - 150	07/03/24 08:27	07/10/24 21:33	10			
13C4 PFHpA	102		25 - 150	07/03/24 08:27	07/10/24 21:33	10			
M2-6:2 FTS	73		25 - 150	07/03/24 08:27	07/10/24 21:33	10			

Client Sample ID: MW-04-202406

Lab Sample ID: 320-113244-13

Date Collected: 06/20/24 15:40

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	300		4.5	2.2	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluoropentanoic acid (PFPeA)	750	E	1.8	0.44	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorooctanoic acid (PFOA)	510	E	1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorononanoic acid (PFNA)	53		1.8	0.24	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorodecanoic acid (PFDA)	22		1.8	0.28	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluoroundecanoic acid (PFUnA)	2.1		1.8	0.99	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorododecanoic acid (PFDoA)	1.1	J	1.8	0.49	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorotridecanoic acid (PFTTrDA)	<1.2		1.8	1.2	ng/L		07/03/24 08:27	07/07/24 15:26	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-04-202406

Lab Sample ID: 320-113244-13

Date Collected: 06/20/24 15:40

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorobutanesulfonic acid (PFBS)	0.77	J	1.8	0.18	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluoropentanesulfonic acid (PFPeS)	0.28	J	1.8	0.27	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorohexanesulfonic acid (PFHxS)	2.7		1.8	0.51	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorooctanesulfonic acid (PFOS)	14		1.8	0.48	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		07/03/24 08:27	07/07/24 15:26	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		07/03/24 08:27	07/07/24 15:26	1
NEtFOSA	<0.78		1.8	0.78	ng/L		07/03/24 08:27	07/07/24 15:26	1
NMeFOSA	<0.39		1.8	0.39	ng/L		07/03/24 08:27	07/07/24 15:26	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		07/03/24 08:27	07/07/24 15:26	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		07/03/24 08:27	07/07/24 15:26	1
NMeFOSE	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:26	1
NEtFOSE	<0.76		1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:26	1
4:2 FTS	34		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		07/03/24 08:27	07/07/24 15:26	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:26	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:26	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C5 PFPeA	96		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C2 PFHxA	101		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C4 PFHpA	95		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C4 PFOA	92		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C5 PFNA	97		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C2 PFDA	97		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C2 PFUnA	90		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C2 PFDoA	92		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C2 PFTeDA	90		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C3 PFBS	93		25 - 150	07/03/24 08:27	07/07/24 15:26	1
18O2 PFHxS	98		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C4 PFOS	100		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C8 FOSA	105		10 - 150	07/03/24 08:27	07/07/24 15:26	1
d3-NMeFOSAA	95		25 - 150	07/03/24 08:27	07/07/24 15:26	1
d5-NEtFOSAA	96		25 - 150	07/03/24 08:27	07/07/24 15:26	1
d-N-MeFOSA-M	102		10 - 150	07/03/24 08:27	07/07/24 15:26	1
d-N-EtFOSA-M	95		10 - 150	07/03/24 08:27	07/07/24 15:26	1
d7-N-MeFOSE-M	96		10 - 150	07/03/24 08:27	07/07/24 15:26	1
d9-N-EtFOSE-M	95		10 - 150	07/03/24 08:27	07/07/24 15:26	1
M2-4:2 FTS	63		25 - 150	07/03/24 08:27	07/07/24 15:26	1
M2-6:2 FTS	84		25 - 150	07/03/24 08:27	07/07/24 15:26	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-04-202406

Lab Sample ID: 320-113244-13

Date Collected: 06/20/24 15:40

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	86		25 - 150	07/03/24 08:27	07/07/24 15:26	1
13C3 HFPO-DA	100		25 - 150	07/03/24 08:27	07/07/24 15:26	1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	1300		36	8.8	ng/L		07/03/24 08:27	07/10/24 21:43	20
Perfluorohexanoic acid (PFHxA)	1000		36	10	ng/L		07/03/24 08:27	07/10/24 21:43	20
Perfluoroheptanoic acid (PFHpA)	600		36	4.5	ng/L		07/03/24 08:27	07/10/24 21:43	20
Perfluorooctanoic acid (PFOA)	840		36	15	ng/L		07/03/24 08:27	07/10/24 21:43	20
6:2 FTS	3900		90	45	ng/L		07/03/24 08:27	07/10/24 21:43	20
8:2 FTS	2300		36	8.3	ng/L		07/03/24 08:27	07/10/24 21:43	20

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	110		25 - 150	07/03/24 08:27	07/10/24 21:43	20
13C2 PFHxA	106		25 - 150	07/03/24 08:27	07/10/24 21:43	20
13C4 PFHpA	103		25 - 150	07/03/24 08:27	07/10/24 21:43	20
13C4 PFOA	100		25 - 150	07/03/24 08:27	07/10/24 21:43	20
M2-6:2 FTS	107		25 - 150	07/03/24 08:27	07/10/24 21:43	20
M2-8:2 FTS	103		25 - 150	07/03/24 08:27	07/10/24 21:43	20

Client Sample ID: EB-10-202406

Lab Sample ID: 320-113244-14

Date Collected: 06/20/24 15:15

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.5	2.2	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorohexanoic acid (PFHxA)	<0.52		1.8	0.52	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorooctanoic acid (PFOA)	<0.76		1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorohexanesulfonic acid (PFHxS)	<0.51		1.8	0.51	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.8	0.17	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		07/03/24 08:27	07/07/24 15:36	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		07/03/24 08:27	07/07/24 15:36	1
NEtFOSA	<0.78		1.8	0.78	ng/L		07/03/24 08:27	07/07/24 15:36	1
NMeFOSA	<0.39		1.8	0.39	ng/L		07/03/24 08:27	07/07/24 15:36	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		07/03/24 08:27	07/07/24 15:36	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: EB-10-202406

Lab Sample ID: 320-113244-14

Date Collected: 06/20/24 15:15

Matrix: Water

Date Received: 06/21/24 09:30

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	<1.2		4.5	1.2	ng/L		07/03/24 08:27	07/07/24 15:36	1
NMeFOSE	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:36	1
NEtFOSE	<0.76		1.8	0.76	ng/L		07/03/24 08:27	07/07/24 15:36	1
4:2 FTS	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:36	1
6:2 FTS	<2.2		4.5	2.2	ng/L		07/03/24 08:27	07/07/24 15:36	1
8:2 FTS	<0.41		1.8	0.41	ng/L		07/03/24 08:27	07/07/24 15:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		07/03/24 08:27	07/07/24 15:36	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		07/03/24 08:27	07/07/24 15:36	1
9CI-PF3ONS	<0.22		1.8	0.22	ng/L		07/03/24 08:27	07/07/24 15:36	1
11CI-PF3OUdS	<0.29		1.8	0.29	ng/L		07/03/24 08:27	07/07/24 15:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	114		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C5 PFPeA	112		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C2 PFHxA	114		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C4 PFHpA	111		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C4 PFOA	101		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C5 PFNA	100		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C2 PFDA	107		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C2 PFUnA	100		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C2 PFDoA	99		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C2 PFTeDA	97		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C3 PFBS	94		25 - 150				07/03/24 08:27	07/07/24 15:36	1
18O2 PFHxS	101		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C4 PFOS	102		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C8 FOSA	113		10 - 150				07/03/24 08:27	07/07/24 15:36	1
d3-NMeFOSAA	97		25 - 150				07/03/24 08:27	07/07/24 15:36	1
d5-NEtFOSAA	102		25 - 150				07/03/24 08:27	07/07/24 15:36	1
d-N-MeFOSA-M	100		10 - 150				07/03/24 08:27	07/07/24 15:36	1
d-N-EtFOSA-M	98		10 - 150				07/03/24 08:27	07/07/24 15:36	1
d7-N-MeFOSE-M	102		10 - 150				07/03/24 08:27	07/07/24 15:36	1
d9-N-EtFOSE-M	102		10 - 150				07/03/24 08:27	07/07/24 15:36	1
M2-4:2 FTS	63		25 - 150				07/03/24 08:27	07/07/24 15:36	1
M2-6:2 FTS	67		25 - 150				07/03/24 08:27	07/07/24 15:36	1
M2-8:2 FTS	80		25 - 150				07/03/24 08:27	07/07/24 15:36	1
13C3 HFPO-DA	104		25 - 150				07/03/24 08:27	07/07/24 15:36	1

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)						
		PFHxA (25-150)						
320-113244-1	MW-06-202406	99						
320-113244-2	MW-07-202406	92						
320-113244-3	MW-08-202406	99						
320-113244-4	DUP-09-202406	99						
320-113244-5	EB-09-202406	100						
320-113244-6	FB-01-202406	95						
320-113244-7	TB-01-202406	96						
320-113244-8	MW-03-202406	96						
320-113244-9	PZ-01-202406	96						
320-113244-10	MW-05-202406	96						
320-113244-11	MW-02-202406	95						
LCS 320-774110/3-A	Lab Control Sample	98						
LCS 320-774110/4-A	Lab Control Sample Dup	100						
LLCS 320-774110/2-A	Lab Control Sample	96						
MB 320-774110/1-A	Method Blank	97						

Surrogate Legend
PFHxA = 13C2 PFHxA

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-113244-1 - RE	MW-06-202406	105	102		106	105	105	103	101
320-113244-2 - RE	MW-07-202406	97	98		94	97	99	111	102
320-113244-3 - RE	MW-08-202406	106	103		107	105	102	104	100
320-113244-4 - RE	DUP-09-202406	108	105		106	102	105	106	108
320-113244-5 - RE	EB-09-202406	110	111		114	102	108	111	119
320-113244-6 - RE	FB-01-202406	111	112		114	108	111	105	109
320-113244-7 - RE	TB-01-202406	104	103		108	100	103	105	109
320-113244-8 - RE	MW-03-202406	108	105		113	101	105	112	106
320-113244-9 - RE	PZ-01-202406	101	101		106	100	105	108	107
320-113244-10 - RE	MW-05-202406	115	106		110	100	109	109	107
320-113244-11 - RE	MW-02-202406	105			110	101	107	108	104
320-113244-11 - REDL	MW-02-202406		103	115					
320-113244-12	MW-01-202406	102	99	100	102	93	98	101	91
320-113244-12 - DL	MW-01-202406		106		102				
320-113244-13	MW-04-202406	100	96	101	95	92	97	97	90
320-113244-13 - DL	MW-04-202406		110	106	103	100			
320-113244-14	EB-10-202406	114	112	114	111	101	100	107	100
LCS 320-776366/2-A	Lab Control Sample	99	106	101	103	94	95	98	91
LCS 320-776366/3-A	Lab Control Sample Dup	88	97	98	95	98	91	93	85
LLCS 320-776203/2-A	Lab Control Sample	104	103		107	100	107	103	107
LLCS 320-776366/21-A	Lab Control Sample	92	96	90	98	96	91	96	86
LLCS 320-776203/3-A	Lab Control Sample Dup	105	106		110	103	108	111	112
MB 320-776203/1-A	Method Blank	94	82		109	98	100	124	103
MB 320-776366/1-A	Method Blank	107	111	112	106	98	105	105	99

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFD _o A (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFH _x S (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
320-113244-1 - RE	MW-06-202406	106	102	97	103	102	105	116	117
320-113244-2 - RE	MW-07-202406	89	101	84	95	103	122	106	126
320-113244-3 - RE	MW-08-202406	93	97	100	101	105	104	117	120
320-113244-4 - RE	DUP-09-202406	89	99	105	106	103	112	115	112
320-113244-5 - RE	EB-09-202406	106	101	108	114	113	107	127	124
320-113244-6 - RE	FB-01-202406	107	93	104	111	112	106	116	121
320-113244-7 - RE	TB-01-202406	105	97	101	108	103	102	116	115
320-113244-8 - RE	MW-03-202406	109	93	96	104	100	98	121	118
320-113244-9 - RE	PZ-01-202406	104	99	93	101	104	106	115	116
320-113244-10 - RE	MW-05-202406	104	97	101	106	104	108	118	120
320-113244-11 - RE	MW-02-202406	96	97	102	109	108	113	118	114
320-113244-11 - REDL	MW-02-202406								
320-113244-12	MW-01-202406	93	90	90	95	95	107	90	91
320-113244-12 - DL	MW-01-202406								
320-113244-13	MW-04-202406	92	90	93	98	100	105	95	96
320-113244-13 - DL	MW-04-202406								
320-113244-14	EB-10-202406	99	97	94	101	102	113	97	102
LCS 320-776366/2-A	Lab Control Sample	90	88	87	95	90	97	91	89
LCSD 320-776366/3-A	Lab Control Sample Dup	86	82	82	91	89	93	85	80
LLCS 320-776203/2-A	Lab Control Sample	114	106	95	102	100	102	117	121
LLCS 320-776366/21-A	Lab Control Sample	82	79	79	89	85	95	82	82
LLCSD 320-776203/3-A	Lab Control Sample Dup	120	109	100	109	105	107	126	123
MB 320-776203/1-A	Method Blank	97	101	90	108	111	114	118	131
MB 320-776366/1-A	Method Blank	98	96	91	101	97	110	99	101

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
320-113244-1 - RE	MW-06-202406	89	98	92	94	107	96	96	96
320-113244-2 - RE	MW-07-202406	89	96	85	81	120	130	119	98
320-113244-3 - RE	MW-08-202406	93	89	88	88	106	97	94	97
320-113244-4 - RE	DUP-09-202406	95	88	92	93	108	99	99	100
320-113244-5 - RE	EB-09-202406	89	89	89	93	114	97	103	99
320-113244-6 - RE	FB-01-202406	95	95	92	95	113	101	109	102
320-113244-7 - RE	TB-01-202406	93	94	90	94	111	94	105	100
320-113244-8 - RE	MW-03-202406	86	93	83	93	108	97	102	100
320-113244-9 - RE	PZ-01-202406	96	93	93	92	110	92	95	99
320-113244-10 - RE	MW-05-202406	95	91	95	99	107	96	106	102
320-113244-11 - RE	MW-02-202406	100	102	87	93	106		101	104
320-113244-11 - REDL	MW-02-202406						142		
320-113244-12	MW-01-202406	81	84	94	93	60	59	73	102
320-113244-12 - DL	MW-01-202406						73		
320-113244-13	MW-04-202406	102	95	96	95	63	84	86	100
320-113244-13 - DL	MW-04-202406						107	103	
320-113244-14	EB-10-202406	100	98	102	102	63	67	80	104
LCS 320-776366/2-A	Lab Control Sample	84	85	94	92	57	60	73	102
LCSD 320-776366/3-A	Lab Control Sample Dup	84	84	93	90	57	56	62	97
LLCS 320-776203/2-A	Lab Control Sample	100	104	95	104	104	102	96	100
LLCS 320-776366/21-A	Lab Control Sample	84	82	92	86	54	59	69	96
LLCSD 320-776203/3-A	Lab Control Sample Dup	105	112	103	113	107	98	99	101
MB 320-776203/1-A	Method Blank	102	113	86	79	137	135	143	95

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
MB 320-776366/1-A	Method Blank	94	96	101	105	63	64	80	107

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA
- PFOA = 13C4 PFOA
- PFNA = 13C5 PFNA
- PFDA = 13C2 PFDA
- PFUnA = 13C2 PFUnA
- PFDoA = 13C2 PFDoA
- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- PFHxS = 18O2 PFHxS
- PFOS = 13C4 PFOS
- PFOSA = 13C8 FOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- dMeFOSA = d-N-MeFOSA-M
- dEtFOSA = d-N-EtFOSA-M
- NMFM = d7-N-MeFOSE-M
- NEFM = d9-N-EtFOSE-M
- M242FTS = M2-4:2 FTS
- M262FTS = M2-6:2 FTS
- M282FTS = M2-8:2 FTS
- HFPODA = 13C3 HFPO-DA

QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-774110/1-A
Matrix: Water
Analysis Batch: 775469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774110

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		06/24/24 12:57	06/29/24 17:55	1
Isotope Dilution	MB	MB	Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
13C2 PFHxA	97		25 - 150			06/24/24 12:57	06/29/24 17:55	1	

Lab Sample ID: LCS 320-774110/3-A
Matrix: Water
Analysis Batch: 775469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774110

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorohexanoic acid (PFHxA)	40.0	41.2		ng/L		103	60 - 135
Isotope Dilution	LCS	LCS	Limits				
	%Recovery	Qualifier					
13C2 PFHxA	98		25 - 150				

Lab Sample ID: LCSD 320-774110/4-A
Matrix: Water
Analysis Batch: 775469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 774110

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Perfluorohexanoic acid (PFHxA)	40.0	7.67	*- *1	ng/L		19	60 - 135	137	30
Isotope Dilution	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
13C2 PFHxA	100		25 - 150						

Lab Sample ID: LLCS 320-774110/2-A
Matrix: Water
Analysis Batch: 775469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774110

Analyte	Spike Added	LLCS	LLCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorohexanoic acid (PFHxA)	8.00	40.8	*+	ng/L		511	50 - 150
Isotope Dilution	LLCS	LLCS	Limits				
	%Recovery	Qualifier					
13C2 PFHxA	96		25 - 150				

Lab Sample ID: MB 320-776203/1-A
Matrix: Water
Analysis Batch: 778163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 776203

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		07/02/24 12:19	07/10/24 20:51	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-776203/1-A
Matrix: Water
Analysis Batch: 778163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 776203

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		07/02/24 12:19	07/10/24 20:51	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		07/02/24 12:19	07/10/24 20:51	1
NEtFOSA	<0.87		2.0	0.87	ng/L		07/02/24 12:19	07/10/24 20:51	1
NMeFOSA	<0.43		2.0	0.43	ng/L		07/02/24 12:19	07/10/24 20:51	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		07/02/24 12:19	07/10/24 20:51	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		07/02/24 12:19	07/10/24 20:51	1
NMeFOSE	<1.4		4.0	1.4	ng/L		07/02/24 12:19	07/10/24 20:51	1
NEtFOSE	<0.85		2.0	0.85	ng/L		07/02/24 12:19	07/10/24 20:51	1
4:2 FTS	<0.24		2.0	0.24	ng/L		07/02/24 12:19	07/10/24 20:51	1
6:2 FTS	<2.5		5.0	2.5	ng/L		07/02/24 12:19	07/10/24 20:51	1
8:2 FTS	<0.46		2.0	0.46	ng/L		07/02/24 12:19	07/10/24 20:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		07/02/24 12:19	07/10/24 20:51	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		07/02/24 12:19	07/10/24 20:51	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		07/02/24 12:19	07/10/24 20:51	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		07/02/24 12:19	07/10/24 20:51	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	94		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C5 PFPeA	82		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C4 PFHpA	109		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C4 PFOA	98		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C5 PFNA	100		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C2 PFDA	124		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C2 PFUnA	103		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C2 PFDoA	97		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C2 PFTeDA	101		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C3 PFBS	90		25 - 150	07/02/24 12:19	07/10/24 20:51	1
18O2 PFHxS	108		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C4 PFOS	111		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C8 FOSA	114		10 - 150	07/02/24 12:19	07/10/24 20:51	1
d3-NMeFOSAA	118		25 - 150	07/02/24 12:19	07/10/24 20:51	1
d5-NEtFOSAA	131		25 - 150	07/02/24 12:19	07/10/24 20:51	1
d-N-MeFOSA-M	102		10 - 150	07/02/24 12:19	07/10/24 20:51	1
d-N-EtFOSA-M	113		10 - 150	07/02/24 12:19	07/10/24 20:51	1
d7-N-MeFOSE-M	86		10 - 150	07/02/24 12:19	07/10/24 20:51	1
d9-N-EtFOSE-M	79		10 - 150	07/02/24 12:19	07/10/24 20:51	1
M2-4:2 FTS	137		25 - 150	07/02/24 12:19	07/10/24 20:51	1
M2-6:2 FTS	135		25 - 150	07/02/24 12:19	07/10/24 20:51	1

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-776203/1-A
Matrix: Water
Analysis Batch: 778163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 776203

<i>Isotope Dilution</i>	<i>MB</i>	<i>MB</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	%Recovery	Qualifier				
M2-8:2 FTS	143		25 - 150	07/02/24 12:19	07/10/24 20:51	1
13C3 HFPO-DA	95		25 - 150	07/02/24 12:19	07/10/24 20:51	1

Lab Sample ID: LLCS 320-776203/2-A
Matrix: Water
Analysis Batch: 777757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776203

<i>Analyte</i>	<i>Spike Added</i>	<i>LLCS Result</i>	<i>LLCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
Perfluorobutanoic acid (PFBA)	8.00	8.50		ng/L		106	50 - 150
Perfluoropentanoic acid (PFPeA)	8.00	9.09		ng/L		114	50 - 150
Perfluoroheptanoic acid (PFHpA)	8.00	8.61		ng/L		108	50 - 150
Perfluorooctanoic acid (PFOA)	8.00	8.20		ng/L		103	50 - 150
Perfluorononanoic acid (PFNA)	8.00	7.10		ng/L		89	50 - 150
Perfluorodecanoic acid (PFDA)	8.00	8.82		ng/L		110	50 - 150
Perfluoroundecanoic acid (PFUnA)	8.00	8.20		ng/L		102	50 - 150
Perfluorododecanoic acid (PFDoA)	8.00	8.88		ng/L		111	50 - 150
Perfluorotridecanoic acid (PFTrDA)	8.00	7.84		ng/L		98	50 - 150
Perfluorotetradecanoic acid (PFTeA)	8.00	8.12		ng/L		102	50 - 150
Perfluorobutanesulfonic acid (PFBS)	7.10	7.65		ng/L		108	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	7.52	8.53		ng/L		113	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	7.30	7.57		ng/L		104	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	7.63	8.47		ng/L		111	50 - 150
Perfluorooctanesulfonic acid (PFOS)	7.44	8.23		ng/L		111	50 - 150
Perfluorononanesulfonic acid (PFNS)	7.70	8.43		ng/L		110	50 - 150
Perfluorodecanesulfonic acid (PFDS)	7.71	8.63		ng/L		112	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	7.76	8.52		ng/L		110	50 - 150
Perfluorooctanesulfonamide (FOSA)	8.00	8.76		ng/L		109	50 - 150
NEtFOSA	8.00	7.24		ng/L		91	50 - 150
NMeFOSA	8.00	7.62		ng/L		95	50 - 150
NMeFOSAA	8.00	7.80		ng/L		97	50 - 150
NEtFOSAA	8.00	6.32		ng/L		79	50 - 150
NMeFOSE	8.00	9.01		ng/L		113	50 - 150
NEtFOSE	8.00	8.06		ng/L		101	50 - 150
4:2 FTS	7.50	7.47		ng/L		100	50 - 150
6:2 FTS	7.62	7.38		ng/L		97	50 - 150
8:2 FTS	7.68	7.83		ng/L		102	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.57	7.04		ng/L		93	50 - 150
HFPO-DA (GenX)	8.00	8.07		ng/L		101	50 - 150

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LLCS 320-776203/2-A
Matrix: Water
Analysis Batch: 777757

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776203

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9CI-PF3ONS	7.47	6.12		ng/L		82	50 - 150
11CI-PF3OUdS	7.55	8.34		ng/L		110	50 - 150
		LLCS %Recovery	LLCS Qualifier	Limits			
13C4 PFBA		104		25 - 150			
13C5 PFPeA		103		25 - 150			
13C4 PFHpA		107		25 - 150			
13C4 PFOA		100		25 - 150			
13C5 PFNA		107		25 - 150			
13C2 PFDA		103		25 - 150			
13C2 PFUnA		107		25 - 150			
13C2 PFDoA		114		25 - 150			
13C2 PFTeDA		106		25 - 150			
13C3 PFBS		95		25 - 150			
18O2 PFHxS		102		25 - 150			
13C4 PFOS		100		25 - 150			
13C8 FOSA		102		10 - 150			
d3-NMeFOSAA		117		25 - 150			
d5-NEtFOSAA		121		25 - 150			
d-N-MeFOSA-M		100		10 - 150			
d-N-EtFOSA-M		104		10 - 150			
d7-N-MeFOSE-M		95		10 - 150			
d9-N-EtFOSE-M		104		10 - 150			
M2-4:2 FTS		104		25 - 150			
M2-6:2 FTS		102		25 - 150			
M2-8:2 FTS		96		25 - 150			
13C3 HFPO-DA		100		25 - 150			

Lab Sample ID: LLCSD 320-776203/3-A
Matrix: Water
Analysis Batch: 777757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 776203

Analyte	Spike Added	LLCSD Result	LLCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	8.00	8.74		ng/L		109	50 - 150	3	30
Perfluoropentanoic acid (PFPeA)	8.00	9.01		ng/L		113	50 - 150	0.9	30
Perfluoroheptanoic acid (PFHpA)	8.00	8.32		ng/L		104	50 - 150	3	30
Perfluorooctanoic acid (PFOA)	8.00	7.83		ng/L		98	50 - 150	5	30
Perfluorononanoic acid (PFNA)	8.00	6.87		ng/L		86	50 - 150	3	30
Perfluorodecanoic acid (PFDA)	8.00	8.76		ng/L		109	50 - 150	0.7	30
Perfluoroundecanoic acid (PFUnA)	8.00	8.45		ng/L		106	50 - 150	3	30
Perfluorododecanoic acid (PFDoA)	8.00	8.07		ng/L		101	50 - 150	10	30
Perfluorotridecanoic acid (PFTTrDA)	8.00	7.48		ng/L		93	50 - 150	5	30
Perfluorotetradecanoic acid (PFTTeA)	8.00	8.08		ng/L		101	50 - 150	0.5	30
Perfluorobutanesulfonic acid (PFBS)	7.10	7.78		ng/L		109	50 - 150	2	30

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LLCSD 320-776203/3-A
Matrix: Water
Analysis Batch: 777757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 776203

Analyte	Spike Added	LLCSD Result	LLCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanesulfonic acid (PFPeS)	7.52	8.24		ng/L		110	50 - 150	3	30
Perfluorohexanesulfonic acid (PFHxS)	7.30	7.42		ng/L		102	50 - 150	2	30
Perfluoroheptanesulfonic acid (PFHpS)	7.63	8.56		ng/L		112	50 - 150	1	30
Perfluorooctanesulfonic acid (PFOS)	7.44	7.92		ng/L		106	50 - 150	4	30
Perfluorononanesulfonic acid (PFNS)	7.70	8.72		ng/L		113	50 - 150	3	30
Perfluorodecanesulfonic acid (PFDS)	7.71	7.95		ng/L		103	50 - 150	8	30
Perfluorododecanesulfonic acid (PFDoS)	7.76	8.32		ng/L		107	50 - 150	2	30
Perfluorooctanesulfonamide (FOSA)	8.00	8.59		ng/L		107	50 - 150	2	30
NEtFOSA	8.00	7.17		ng/L		90	50 - 150	1	30
NMeFOSA	8.00	7.83		ng/L		98	50 - 150	3	30
NMeFOSAA	8.00	7.59		ng/L		95	50 - 150	3	30
NEtFOSAA	8.00	6.98		ng/L		87	50 - 150	10	30
NMeFOSE	8.00	8.63		ng/L		108	50 - 150	4	30
NEtFOSE	8.00	7.74		ng/L		97	50 - 150	4	30
4:2 FTS	7.50	7.79		ng/L		104	50 - 150	4	30
6:2 FTS	7.62	8.22		ng/L		108	50 - 150	11	30
8:2 FTS	7.68	7.84		ng/L		102	50 - 150	0.06	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.57	7.10		ng/L		94	50 - 150	0.9	30
HFPO-DA (GenX)	8.00	8.36		ng/L		104	50 - 150	3	30
9Cl-PF3ONS	7.47	6.33		ng/L		85	50 - 150	3	30
11Cl-PF3OUdS	7.55	8.36		ng/L		111	50 - 150	0.2	30

Isotope Dilution	LLCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	105		25 - 150
13C5 PFPeA	106		25 - 150
13C4 PFHpA	110		25 - 150
13C4 PFOA	103		25 - 150
13C5 PFNA	108		25 - 150
13C2 PFDA	111		25 - 150
13C2 PFUnA	112		25 - 150
13C2 PFDoA	120		25 - 150
13C2 PFTeDA	109		25 - 150
13C3 PFBS	100		25 - 150
18O2 PFHxS	109		25 - 150
13C4 PFOS	105		25 - 150
13C8 FOSA	107		10 - 150
d3-NMeFOSAA	126		25 - 150
d5-NEtFOSAA	123		25 - 150
d-N-MeFOSA-M	105		10 - 150
d-N-EtFOSA-M	112		10 - 150
d7-N-MeFOSE-M	103		10 - 150
d9-N-EtFOSE-M	113		10 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LLCSD 320-776203/3-A
Matrix: Water
Analysis Batch: 777757

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 776203

Isotope Dilution	LLCSD LLCSD		Limits
	%Recovery	Qualifier	
M2-4:2 FTS	107		25 - 150
M2-6:2 FTS	98		25 - 150
M2-8:2 FTS	99		25 - 150
13C3 HFPO-DA	101		25 - 150

Lab Sample ID: MB 320-776366/1-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 776366

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorotetradecanoic acid (PFTTeA)	<0.73		2.0	0.73	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		07/03/24 08:27	07/07/24 14:33	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		07/03/24 08:27	07/07/24 14:33	1
NEtFOSA	<0.87		2.0	0.87	ng/L		07/03/24 08:27	07/07/24 14:33	1
NMeFOSA	<0.43		2.0	0.43	ng/L		07/03/24 08:27	07/07/24 14:33	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		07/03/24 08:27	07/07/24 14:33	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		07/03/24 08:27	07/07/24 14:33	1
NMeFOSE	<1.4		4.0	1.4	ng/L		07/03/24 08:27	07/07/24 14:33	1
NEtFOSE	<0.85		2.0	0.85	ng/L		07/03/24 08:27	07/07/24 14:33	1
4:2 FTS	<0.24		2.0	0.24	ng/L		07/03/24 08:27	07/07/24 14:33	1
6:2 FTS	<2.5		5.0	2.5	ng/L		07/03/24 08:27	07/07/24 14:33	1
8:2 FTS	<0.46		2.0	0.46	ng/L		07/03/24 08:27	07/07/24 14:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		07/03/24 08:27	07/07/24 14:33	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		07/03/24 08:27	07/07/24 14:33	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		07/03/24 08:27	07/07/24 14:33	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		07/03/24 08:27	07/07/24 14:33	1
Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
13C4 PFBA	107		25 - 150	07/03/24 08:27	07/07/24 14:33	1			

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-776366/1-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 776366

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFPeA	111		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C2 PFHxA	112		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C4 PFHpA	106		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C4 PFOA	98		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C5 PFNA	105		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C2 PFDA	105		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C2 PFUnA	99		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C2 PFDoA	98		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C2 PFTeDA	96		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C3 PFBS	91		25 - 150	07/03/24 08:27	07/07/24 14:33	1
18O2 PFHxS	101		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C4 PFOS	97		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C8 FOSA	110		10 - 150	07/03/24 08:27	07/07/24 14:33	1
d3-NMeFOSAA	99		25 - 150	07/03/24 08:27	07/07/24 14:33	1
d5-NEtFOSAA	101		25 - 150	07/03/24 08:27	07/07/24 14:33	1
d-N-MeFOSA-M	94		10 - 150	07/03/24 08:27	07/07/24 14:33	1
d-N-EtFOSA-M	96		10 - 150	07/03/24 08:27	07/07/24 14:33	1
d7-N-MeFOSE-M	101		10 - 150	07/03/24 08:27	07/07/24 14:33	1
d9-N-EtFOSE-M	105		10 - 150	07/03/24 08:27	07/07/24 14:33	1
M2-4:2 FTS	63		25 - 150	07/03/24 08:27	07/07/24 14:33	1
M2-6:2 FTS	64		25 - 150	07/03/24 08:27	07/07/24 14:33	1
M2-8:2 FTS	80		25 - 150	07/03/24 08:27	07/07/24 14:33	1
13C3 HFPO-DA	107		25 - 150	07/03/24 08:27	07/07/24 14:33	1

Lab Sample ID: LCS 320-776366/2-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits
Perfluoropentanoic acid (PFPeA)	160	159		ng/L		99	60 - 135	
Perfluorohexanoic acid (PFHxA)	160	169		ng/L		106	60 - 135	
Perfluoroheptanoic acid (PFHpA)	160	171		ng/L		107	60 - 135	
Perfluorooctanoic acid (PFOA)	160	154		ng/L		96	60 - 135	
Perfluorononanoic acid (PFNA)	160	139		ng/L		87	60 - 135	
Perfluorodecanoic acid (PFDA)	160	172		ng/L		108	60 - 135	
Perfluoroundecanoic acid (PFUnA)	160	163		ng/L		102	60 - 135	
Perfluorododecanoic acid (PFDoA)	160	164		ng/L		103	60 - 135	
Perfluorotridecanoic acid (PFTTrDA)	160	164		ng/L		103	60 - 135	
Perfluorotetradecanoic acid (PFTeA)	160	165		ng/L		103	60 - 135	
Perfluorobutanesulfonic acid (PFBS)	142	159		ng/L		112	60 - 135	
Perfluoropentanesulfonic acid (PFPeS)	150	172		ng/L		114	60 - 135	
Perfluorohexanesulfonic acid (PFHxS)	146	152		ng/L		104	60 - 135	

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-776366/2-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	153	176		ng/L		115	60 - 135
Perfluorooctanesulfonic acid (PFOS)	149	162		ng/L		109	60 - 135
Perfluorononanesulfonic acid (PFNS)	154	183		ng/L		119	60 - 135
Perfluorodecanesulfonic acid (PFDS)	154	177		ng/L		115	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	155	173		ng/L		112	60 - 135
Perfluorooctanesulfonamide (FOSA)	160	176		ng/L		110	60 - 135
NEtFOSA	160	151		ng/L		94	60 - 135
NMeFOSA	160	169		ng/L		106	60 - 135
NMeFOSAA	160	152		ng/L		95	60 - 135
NEtFOSAA	160	129		ng/L		81	60 - 135
NMeFOSE	160	168		ng/L		105	60 - 135
NEtFOSE	160	169		ng/L		106	60 - 135
4:2 FTS	150	154		ng/L		103	60 - 135
6:2 FTS	152	153		ng/L		100	60 - 135
8:2 FTS	154	143		ng/L		93	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	144		ng/L		95	60 - 135
HFPO-DA (GenX)	160	166		ng/L		104	60 - 135
9CI-PF3ONS	149	144		ng/L		96	60 - 135
11CI-PF3OUdS	151	178		ng/L		118	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	99		25 - 150
13C5 PFPeA	106		25 - 150
13C2 PFHxA	101		25 - 150
13C4 PFHpA	103		25 - 150
13C4 PFOA	94		25 - 150
13C5 PFNA	95		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	91		25 - 150
13C2 PFDoA	90		25 - 150
13C2 PFTeDA	88		25 - 150
13C3 PFBS	87		25 - 150
18O2 PFHxS	95		25 - 150
13C4 PFOS	90		25 - 150
13C8 FOSA	97		10 - 150
d3-NMeFOSAA	91		25 - 150
d5-NEtFOSAA	89		25 - 150
d-N-MeFOSA-M	84		10 - 150
d-N-EtFOSA-M	85		10 - 150
d7-N-MeFOSE-M	94		10 - 150
d9-N-EtFOSE-M	92		10 - 150
M2-4:2 FTS	57		25 - 150
M2-6:2 FTS	60		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-776366/2-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

<i>Isotope Dilution</i>	<i>LCS</i>	<i>LCS</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
M2-8:2 FTS	73		25 - 150
13C3 HFPO-DA	102		25 - 150

Lab Sample ID: LCSD 320-776366/3-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 776366

<i>Analyte</i>	<i>Spike Added</i>	<i>LCSD Result</i>	<i>LCSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
Perfluorobutanoic acid (PFBA)	160	186		ng/L		116	60 - 135	6	30
Perfluoropentanoic acid (PFPeA)	160	169		ng/L		106	60 - 135	6	30
Perfluorohexanoic acid (PFHxA)	160	169		ng/L		106	60 - 135	0	30
Perfluoroheptanoic acid (PFHpA)	160	169		ng/L		106	60 - 135	1	30
Perfluorooctanoic acid (PFOA)	160	147		ng/L		92	60 - 135	5	30
Perfluorononanoic acid (PFNA)	160	137		ng/L		86	60 - 135	1	30
Perfluorodecanoic acid (PFDA)	160	170		ng/L		106	60 - 135	1	30
Perfluoroundecanoic acid (PFUnA)	160	164		ng/L		102	60 - 135	0	30
Perfluorododecanoic acid (PFDoA)	160	160		ng/L		100	60 - 135	2	30
Perfluorotridecanoic acid (PFTTrDA)	160	163		ng/L		102	60 - 135	1	30
Perfluorotetradecanoic acid (PFTeA)	160	161		ng/L		101	60 - 135	3	30
Perfluorobutanesulfonic acid (PFBS)	142	161		ng/L		113	60 - 135	1	30
Perfluoropentanesulfonic acid (PFPeS)	150	172		ng/L		115	60 - 135	0	30
Perfluorohexanesulfonic acid (PFHxS)	146	149		ng/L		102	60 - 135	2	30
Perfluoroheptanesulfonic acid (PFHpS)	153	170		ng/L		111	60 - 135	4	30
Perfluorooctanesulfonic acid (PFOS)	149	157		ng/L		105	60 - 135	3	30
Perfluorononanesulfonic acid (PFNS)	154	170		ng/L		110	60 - 135	8	30
Perfluorodecanesulfonic acid (PFDS)	154	166		ng/L		108	60 - 135	7	30
Perfluorododecanesulfonic acid (PFDoS)	155	161		ng/L		104	60 - 135	7	30
Perfluorooctanesulfonamide (FOSA)	160	163		ng/L		102	60 - 135	7	30
NEtFOSA	160	149		ng/L		93	60 - 135	1	30
NMeFOSA	160	160		ng/L		100	60 - 135	6	30
NMeFOSAA	160	153		ng/L		95	60 - 135	0	30
NEtFOSAA	160	131		ng/L		82	60 - 135	1	30
NMeFOSE	160	159		ng/L		99	60 - 135	6	30
NEtFOSE	160	171		ng/L		107	60 - 135	1	30
4:2 FTS	150	146		ng/L		98	60 - 135	5	30
6:2 FTS	152	169		ng/L		111	60 - 135	10	30
8:2 FTS	154	146		ng/L		95	60 - 135	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	132		ng/L		87	60 - 135	9	30

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-776366/3-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 776366

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
HFPO-DA (GenX)	160	167		ng/L		104	60 - 135	0		30
9CI-PF3ONS	149	138		ng/L		92	60 - 135	4		30
11CI-PF3OUdS	151	163		ng/L		108	60 - 135	9		30
		LCSD LCSD								
Isotope Dilution	%Recovery	Qualifier	Limits							
13C4 PFBA	88		25 - 150							
13C5 PFPeA	97		25 - 150							
13C2 PFHxA	98		25 - 150							
13C4 PFHpA	95		25 - 150							
13C4 PFOA	98		25 - 150							
13C5 PFNA	91		25 - 150							
13C2 PFDA	93		25 - 150							
13C2 PFUnA	85		25 - 150							
13C2 PFDoA	86		25 - 150							
13C2 PFTeDA	82		25 - 150							
13C3 PFBS	82		25 - 150							
18O2 PFHxS	91		25 - 150							
13C4 PFOS	89		25 - 150							
13C8 FOSA	93		10 - 150							
d3-NMeFOSAA	85		25 - 150							
d5-NEtFOSAA	80		25 - 150							
d-N-MeFOSA-M	84		10 - 150							
d-N-EtFOSA-M	84		10 - 150							
d7-N-MeFOSE-M	93		10 - 150							
d9-N-EtFOSE-M	90		10 - 150							
M2-4:2 FTS	57		25 - 150							
M2-6:2 FTS	56		25 - 150							
M2-8:2 FTS	62		25 - 150							
13C3 HFPO-DA	97		25 - 150							

Lab Sample ID: LLCS 320-776366/21-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Perfluorobutanoic acid (PFBA)	8.00	8.10		ng/L		101	50 - 150			
Perfluoropentanoic acid (PFPeA)	8.00	8.25		ng/L		103	50 - 150			
Perfluorohexanoic acid (PFHxA)	8.00	9.09		ng/L		114	50 - 150			
Perfluoroheptanoic acid (PFHpA)	8.00	8.55		ng/L		107	50 - 150			
Perfluorooctanoic acid (PFOA)	8.00	7.73		ng/L		97	50 - 150			
Perfluorononanoic acid (PFNA)	8.00	6.92		ng/L		87	50 - 150			
Perfluorodecanoic acid (PFDA)	8.00	8.76		ng/L		109	50 - 150			
Perfluoroundecanoic acid (PFUnA)	8.00	8.68		ng/L		109	50 - 150			
Perfluorododecanoic acid (PFDoA)	8.00	9.27		ng/L		116	50 - 150			
Perfluorotridecanoic acid (PFTTrDA)	8.00	8.54		ng/L		107	50 - 150			
Perfluorotetradecanoic acid (PFTeA)	8.00	7.53		ng/L		94	50 - 150			

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LLCS 320-776366/21-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonic acid (PFBS)	7.10	7.93		ng/L		112	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	7.52	8.29		ng/L		110	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	7.30	7.68		ng/L		105	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	7.63	8.58		ng/L		112	50 - 150
Perfluorooctanesulfonic acid (PFOS)	7.44	7.95		ng/L		107	50 - 150
Perfluorononanesulfonic acid (PFNS)	7.70	8.32		ng/L		108	50 - 150
Perfluorodecanesulfonic acid (PFDS)	7.71	7.44		ng/L		97	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	7.76	7.41		ng/L		95	50 - 150
Perfluorooctanesulfonamide (FOSA)	8.00	8.16		ng/L		102	50 - 150
NEtFOSA	8.00	7.40		ng/L		93	50 - 150
NMeFOSA	8.00	7.51		ng/L		94	50 - 150
NMeFOSAA	8.00	7.93		ng/L		99	50 - 150
NEtFOSAA	8.00	6.60		ng/L		82	50 - 150
NMeFOSE	8.00	8.01		ng/L		100	50 - 150
NEtFOSE	8.00	8.40		ng/L		105	50 - 150
4:2 FTS	7.50	7.36		ng/L		98	50 - 150
6:2 FTS	7.62	7.42		ng/L		97	50 - 150
8:2 FTS	7.68	7.06		ng/L		92	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.57	7.83		ng/L		103	50 - 150
HFPO-DA (GenX)	8.00	7.84		ng/L		98	50 - 150
9CI-PF3ONS	7.47	6.76		ng/L		90	50 - 150
11CI-PF3OUdS	7.55	8.38		ng/L		111	50 - 150

Isotope Dilution	LLCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	92		25 - 150
13C5 PFPeA	96		25 - 150
13C2 PFHxA	90		25 - 150
13C4 PFHpA	98		25 - 150
13C4 PFOA	96		25 - 150
13C5 PFNA	91		25 - 150
13C2 PFDA	96		25 - 150
13C2 PFUnA	86		25 - 150
13C2 PFDoA	82		25 - 150
13C2 PFTeDA	79		25 - 150
13C3 PFBS	79		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	85		25 - 150
13C8 FOSA	95		10 - 150
d3-NMeFOSAA	82		25 - 150
d5-NEtFOSAA	82		25 - 150
d-N-MeFOSA-M	84		10 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LLCS 320-776366/21-A
Matrix: Water
Analysis Batch: 777157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 776366

<i>Isotope Dilution</i>	<i>LLCS LLCS</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>d-N-EtFOSA-M</i>	82		10 - 150
<i>d7-N-MeFOSE-M</i>	92		10 - 150
<i>d9-N-EtFOSE-M</i>	86		10 - 150
<i>M2-4:2 FTS</i>	54		25 - 150
<i>M2-6:2 FTS</i>	59		25 - 150
<i>M2-8:2 FTS</i>	69		25 - 150
<i>13C3 HFPO-DA</i>	96		25 - 150

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

LCMS

Prep Batch: 774110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-1	MW-06-202406	Total/NA	Water	3535	
320-113244-2	MW-07-202406	Total/NA	Water	3535	
320-113244-3	MW-08-202406	Total/NA	Water	3535	
320-113244-4	DUP-09-202406	Total/NA	Water	3535	
320-113244-5	EB-09-202406	Total/NA	Water	3535	
320-113244-6	FB-01-202406	Total/NA	Water	3535	
320-113244-7	TB-01-202406	Total/NA	Water	3535	
320-113244-8	MW-03-202406	Total/NA	Water	3535	
320-113244-9	PZ-01-202406	Total/NA	Water	3535	
320-113244-10	MW-05-202406	Total/NA	Water	3535	
320-113244-11	MW-02-202406	Total/NA	Water	3535	
MB 320-774110/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-774110/3-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-774110/4-A	Lab Control Sample Dup	Total/NA	Water	3535	
LLCS 320-774110/2-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 775469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-1	MW-06-202406	Total/NA	Water	537 (modified)	774110
320-113244-2	MW-07-202406	Total/NA	Water	537 (modified)	774110
320-113244-3	MW-08-202406	Total/NA	Water	537 (modified)	774110
320-113244-4	DUP-09-202406	Total/NA	Water	537 (modified)	774110
320-113244-5	EB-09-202406	Total/NA	Water	537 (modified)	774110
320-113244-6	FB-01-202406	Total/NA	Water	537 (modified)	774110
320-113244-7	TB-01-202406	Total/NA	Water	537 (modified)	774110
320-113244-8	MW-03-202406	Total/NA	Water	537 (modified)	774110
320-113244-9	PZ-01-202406	Total/NA	Water	537 (modified)	774110
320-113244-10	MW-05-202406	Total/NA	Water	537 (modified)	774110
MB 320-774110/1-A	Method Blank	Total/NA	Water	537 (modified)	774110
LCS 320-774110/3-A	Lab Control Sample	Total/NA	Water	537 (modified)	774110
LCSD 320-774110/4-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	774110
LLCS 320-774110/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	774110

Prep Batch: 776203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-1 - RE	MW-06-202406	Total/NA	Water	3535	
320-113244-2 - RE	MW-07-202406	Total/NA	Water	3535	
320-113244-3 - RE	MW-08-202406	Total/NA	Water	3535	
320-113244-4 - RE	DUP-09-202406	Total/NA	Water	3535	
320-113244-5 - RE	EB-09-202406	Total/NA	Water	3535	
320-113244-6 - RE	FB-01-202406	Total/NA	Water	3535	
320-113244-7 - RE	TB-01-202406	Total/NA	Water	3535	
320-113244-8 - RE	MW-03-202406	Total/NA	Water	3535	
320-113244-9 - RE	PZ-01-202406	Total/NA	Water	3535	
320-113244-10 - RE	MW-05-202406	Total/NA	Water	3535	
320-113244-11 - REDL	MW-02-202406	Total/NA	Water	3535	
320-113244-11 - RE	MW-02-202406	Total/NA	Water	3535	
MB 320-776203/1-A	Method Blank	Total/NA	Water	3535	
LLCS 320-776203/2-A	Lab Control Sample	Total/NA	Water	3535	
LLCSD 320-776203/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

LCMS

Prep Batch: 776366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-12	MW-01-202406	Total/NA	Water	3535	
320-113244-12 - DL	MW-01-202406	Total/NA	Water	3535	
320-113244-13 - DL	MW-04-202406	Total/NA	Water	3535	
320-113244-13	MW-04-202406	Total/NA	Water	3535	
320-113244-14	EB-10-202406	Total/NA	Water	3535	
MB 320-776366/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-776366/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-776366/3-A	Lab Control Sample Dup	Total/NA	Water	3535	
LLCS 320-776366/21-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 777157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-12	MW-01-202406	Total/NA	Water	537 (modified)	776366
320-113244-13	MW-04-202406	Total/NA	Water	537 (modified)	776366
320-113244-14	EB-10-202406	Total/NA	Water	537 (modified)	776366
MB 320-776366/1-A	Method Blank	Total/NA	Water	537 (modified)	776366
LCS 320-776366/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	776366
LCSD 320-776366/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	776366
LLCS 320-776366/21-A	Lab Control Sample	Total/NA	Water	537 (modified)	776366

Analysis Batch: 777757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-1 - RE	MW-06-202406	Total/NA	Water	537 (modified)	776203
320-113244-3 - RE	MW-08-202406	Total/NA	Water	537 (modified)	776203
320-113244-4 - RE	DUP-09-202406	Total/NA	Water	537 (modified)	776203
320-113244-5 - RE	EB-09-202406	Total/NA	Water	537 (modified)	776203
320-113244-6 - RE	FB-01-202406	Total/NA	Water	537 (modified)	776203
320-113244-7 - RE	TB-01-202406	Total/NA	Water	537 (modified)	776203
320-113244-8 - RE	MW-03-202406	Total/NA	Water	537 (modified)	776203
320-113244-9 - RE	PZ-01-202406	Total/NA	Water	537 (modified)	776203
320-113244-10 - RE	MW-05-202406	Total/NA	Water	537 (modified)	776203
320-113244-11 - RE	MW-02-202406	Total/NA	Water	537 (modified)	776203
LLCS 320-776203/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	776203
LLCSD 320-776203/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	776203

Analysis Batch: 778134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-12 - DL	MW-01-202406	Total/NA	Water	537 (modified)	776366
320-113244-13 - DL	MW-04-202406	Total/NA	Water	537 (modified)	776366

Analysis Batch: 778163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-2 - RE	MW-07-202406	Total/NA	Water	537 (modified)	776203
320-113244-11 - REDL	MW-02-202406	Total/NA	Water	537 (modified)	776203
MB 320-776203/1-A	Method Blank	Total/NA	Water	537 (modified)	776203

Analysis Batch: 780757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-113244-11	MW-02-202406	Total/NA	Water	537 (modified)	774110

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-06-202406

Lab Sample ID: 320-113244-1

Date Collected: 06/19/24 15:10

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		243.1 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 09:16	K1S	EET SAC
Total/NA	Prep	3535			273.6 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 18:45	K1S	EET SAC

Client Sample ID: MW-07-202406

Lab Sample ID: 320-113244-2

Date Collected: 06/19/24 13:22

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		286.9 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	778163	07/10/24 21:03	S1C	EET SAC
Total/NA	Prep	3535			281.7 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 18:57	K1S	EET SAC

Client Sample ID: MW-08-202406

Lab Sample ID: 320-113244-3

Date Collected: 06/19/24 12:08

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		303.9 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 09:44	K1S	EET SAC
Total/NA	Prep	3535			298.9 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 19:10	K1S	EET SAC

Client Sample ID: DUP-09-202406

Lab Sample ID: 320-113244-4

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		283.4 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 09:58	K1S	EET SAC
Total/NA	Prep	3535			307.5 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 19:22	K1S	EET SAC

Client Sample ID: EB-09-202406

Lab Sample ID: 320-113244-5

Date Collected: 06/19/24 13:00

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		310 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 10:12	K1S	EET SAC
Total/NA	Prep	3535			257.8 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 19:35	K1S	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: FB-01-202406

Lab Sample ID: 320-113244-6

Date Collected: 06/19/24 13:30

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		283 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 10:26	K1S	EET SAC
Total/NA	Prep	3535			280.6 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 19:47	K1S	EET SAC

Client Sample ID: TB-01-202406

Lab Sample ID: 320-113244-7

Date Collected: 06/19/24 00:00

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		296.8 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 10:40	K1S	EET SAC
Total/NA	Prep	3535			293.6 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 20:25	K1S	EET SAC

Client Sample ID: MW-03-202406

Lab Sample ID: 320-113244-8

Date Collected: 06/19/24 16:14

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		255.9 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 11:22	K1S	EET SAC
Total/NA	Prep	3535			257.8 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 20:37	K1S	EET SAC

Client Sample ID: PZ-01-202406

Lab Sample ID: 320-113244-9

Date Collected: 06/20/24 10:52

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		285.9 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 11:36	K1S	EET SAC
Total/NA	Prep	3535			286.4 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 20:50	K1S	EET SAC

Client Sample ID: MW-05-202406

Lab Sample ID: 320-113244-10

Date Collected: 06/20/24 12:41

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	RE		298.5 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 11:50	K1S	EET SAC
Total/NA	Prep	3535			308.7 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	775469	06/29/24 21:03	K1S	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-113244-1

Client Sample ID: MW-02-202406

Lab Sample ID: 320-113244-11

Date Collected: 06/20/24 13:26

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	REDL		273.2 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	REDL	5	1 mL	1 mL	778163	07/10/24 21:16	S1C	EET SAC
Total/NA	Prep	3535	RE		273.2 mL	10.0 mL	776203	07/02/24 12:19	ERR	EET SAC
Total/NA	Analysis	537 (modified)	RE	1	1 mL	1 mL	777757	07/06/24 12:04	K1S	EET SAC
Total/NA	Prep	3535			272.7 mL	10.0 mL	774110	06/24/24 12:57	EWH	EET SAC
Total/NA	Analysis	537 (modified)		5	1 mL	1 mL	780757	07/17/24 17:33	K1S	EET SAC

Client Sample ID: MW-01-202406

Lab Sample ID: 320-113244-12

Date Collected: 06/20/24 14:41

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			278.2 mL	10.0 mL	776366	07/03/24 08:27	EJR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	777157	07/07/24 15:15	S1C	EET SAC
Total/NA	Prep	3535	DL		278.2 mL	10.0 mL	776366	07/03/24 08:27	EJR	EET SAC
Total/NA	Analysis	537 (modified)	DL	10	1 mL	1 mL	778134	07/10/24 21:33	C1P	EET SAC

Client Sample ID: MW-04-202406

Lab Sample ID: 320-113244-13

Date Collected: 06/20/24 15:40

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			278.7 mL	10.0 mL	776366	07/03/24 08:27	EJR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	777157	07/07/24 15:26	S1C	EET SAC
Total/NA	Prep	3535	DL		278.7 mL	10.0 mL	776366	07/03/24 08:27	EJR	EET SAC
Total/NA	Analysis	537 (modified)	DL	20	1 mL	1 mL	778134	07/10/24 21:43	C1P	EET SAC

Client Sample ID: EB-10-202406

Lab Sample ID: 320-113244-14

Date Collected: 06/20/24 15:15

Matrix: Water

Date Received: 06/21/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			279 mL	10.0 mL	776366	07/03/24 08:27	EJR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	777157	07/07/24 15:36	S1C	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4040	01-29-25
Wisconsin	State	998204680	08-31-25

1

2

3

4

5

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Method Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
3535	Solid-Phase Extraction (SPE)	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Sample Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-113244-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-113244-1	MW-06-202406	Water	06/19/24 15:10	06/21/24 09:30
320-113244-2	MW-07-202406	Water	06/19/24 13:22	06/21/24 09:30
320-113244-3	MW-08-202406	Water	06/19/24 12:08	06/21/24 09:30
320-113244-4	DUP-09-202406	Water	06/19/24 00:00	06/21/24 09:30
320-113244-5	EB-09-202406	Water	06/19/24 13:00	06/21/24 09:30
320-113244-6	FB-01-202406	Water	06/19/24 13:30	06/21/24 09:30
320-113244-7	TB-01-202406	Water	06/19/24 00:00	06/21/24 09:30
320-113244-8	MW-03-202406	Water	06/19/24 16:14	06/21/24 09:30
320-113244-9	PZ-01-202406	Water	06/20/24 10:52	06/21/24 09:30
320-113244-10	MW-05-202406	Water	06/20/24 12:41	06/21/24 09:30
320-113244-11	MW-02-202406	Water	06/20/24 13:26	06/21/24 09:30
320-113244-12	MW-01-202406	Water	06/20/24 14:41	06/21/24 09:30
320-113244-13	MW-04-202406	Water	06/20/24 15:40	06/21/24 09:30
320-113244-14	EB-10-202406	Water	06/20/24 15:15	06/21/24 09:30



Address

Chain of Custody Record 722902



Environment Testing America

TAL-8210

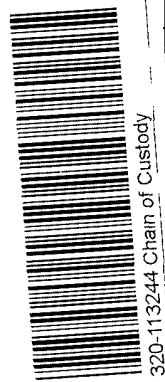
Regulatory Program: DW NPDES RCRA Other

Client Contact
 Company Name: **TRC Corporation**
 Address: **199 Four Corners Drive Suite 101**
 City/State/Zip: **Madison, WI 53717**
 Phone: **608-630-4732**
 Fax: _____
 Project Name: **Rockbein Phase 2**
 Site: **Rockbein - Cambridge, WI**
 PO #: **Booth order: 16522**

Project Manager: **Jeff Remy**
 Tel/Email: **414-244-9247 jremy@TRC.com**
 Analysis Turnaround Time: **10-15 day standard**
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below: 2 weeks 1 week 2 days 1 day

Site Contact: **Macak Smith**
 Lab Contact: **Macak Smith**
 Date: **6/20/2024**
 COC No: **722902**
 Sampler: **M. J. Foltz**
 For Lab Use Only:
 Walk-in Client:
 Lab Sampling:
 Job / SDG No:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
MW-06-202406	6/19	15:10	G	GW	2	M	N	
MW-07-202406		13:22		GW	2			
MW-09-202406		12:08		GW	2			
Dup-09-202406		13:00		PFW	2			
FB-01-202406		13:30		PFW	2			
TR-01-202406	X	X	X		2			PFAS Free water 11
MW-03-202406	6/19	16:14	G	GW	2			Trip Blank - Lab Supply
PZ-01-202406	6/20	10:52						
MW-05-202406		12:41						
MW-02-202406		13:26						
MW-01-202406		14:41						



Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: **4**
 Possible Hazard Identification: _____
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Custody Seal No: _____
 Relinquished by: **Marshal Toxte**
 Relinquished by: _____
 Relinquished by: _____
 Received by: **TRC**
 Received by: _____
 Received by: _____
 Date/Time: **6/20/2024 17:00**
 Date/Time: _____
 Date/Time: _____
 Cooler Temp (°C): **31**
 Obs'd: **31**
 Corr'd: **31**
 Therm ID No: **660**
 Date/Time: **6/21/24 9:30**
 Date/Time: _____
 Date/Time: _____
 Company: **TFC SAC**
 Company: _____
 Company: _____



Chain of Custody Record 722903

Environment Testing America



TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact				Project Manager: <u>Page 1</u>				Date: _____				COC No: <u>722903</u>			
Company Name <u>TRC</u>				Tel/Email:				Site Contact:				Carrier:			
Address				Analysis Turnaround Time				Perform MS / MSD (Y / N)				Walk-in Client: _____			
City/State/Zip				<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS				Filtered Sample (Y / N)				Lab Sampling			
Phone				TAT if different from Below				Job / SDG No				Sampler: <u>M.I. Ofje</u>			
Fax: _____				<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Sample MS / MSD (Y / N)				For Lab Use Only			
Project Name: <u>Rocken Phase 2</u>				Sample Date				Sample Time				Walk-in Client: _____			
Site				Sample Type (C=Comp, G=Grab)				Matrix				Lab Sampling			
P.O.#				Sample Cont.				Sample Specific Notes				Lab Sampling			
Sample Identification				Sample Date				Sample Time				Walk-in Client: _____			
<u>MW-04-202406</u>				<u>6/30</u>				<u>15:40</u>				<u>6W 2</u>			
<u>EB-10-202406</u>				<u>↓</u>				<u>15:15</u>				<u>PFW ↓</u>			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1

Possible Hazard Identification: _____ Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments: _____

Cooler Temp (°C) Obs'd: _____ Therm ID No: 660

Return to Client Disposal by Lab Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No	Received by:	Company:	Received by:	Company:	Received in Laboratory by:	Company:
<u>TRC</u>	<u>6/28/17:00</u>	<u>TRC</u>	<u>6/21/24 9:30</u>	<u>TRC</u>	<u>TRC</u>	<u>TRC</u>





Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc 320
113244

Tracking # 2761 6701 9777

Job _____

SO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier
GSL / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations
File in the job folder with the COC

Therm. ID C10 Corr. Factor: (+/-) _____ °C
Ice _____ Wet _____ Gel _____ Other _____
Cooler Custody Seal: _____
Cooler ID _____
Temp Observed: 3.1 °C Corrected 3.1 °C
From Temp Blank Sample

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooler Temperature is acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frozen samples show signs of thaw?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initials JF Date 6/21/24

Unpacking/Labeling The Samples	Yes	No	NA
Containers are not broken or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC is complete w/o discrepancies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample custody seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample containers have legible labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample date/times are provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate containers are used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample bottles are completely filled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the Field Sampler's name on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")
Initials JF Date 6/21/24

Notes: _____

Trizma Lot #(s) _____

Ammonium Acetate Lot #(s). _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NCM Filed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples received within hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials JF Date 6/21/24



Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 320-113244-1

Login Number: 113244

List Source: Eurofins Sacramento

List Number: 1

Creator: Fisher, Jamyiah L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Refer to ssrn
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	N/A	
Samples are received within Holding Time (excluding tests with immediate HTs)	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	N/A	
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	