

 **ANALYTICAL REPORT****PREPARED FOR**

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JOB DESCRIPTION

451482 RockGen

JOB NUMBER

320-104400-1

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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Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
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/Site: 451482 RockGen

Job ID: 320-104400-1

Job ID: 320-104400-1

Laboratory: Eurofins Sacramento

Narrative

Job Narrative 320-104400-1

Receipt

The samples were received on 8/31/2023 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 4.6° C, 5.1° C and 5.6° C.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): DUP-01-202308 (320-104400-48), DUP-02-202308 (320-104400-49), DUP-03-202308 (320-104400-50), DUP-04-202308 (320-104400-51), DUP-07-202308 (320-104400-54) and DUP-08-202308 (320-104400-55). Sample containers and COC both have no dates or times. For the login purposes the earliest date on COC was used as the sample collection date for these samples.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): DUP-03-202308 (320-104400-50) and DUP-06-202308 (320-104400-53). The sample containers have dates listed but the COC has no dates listed. The date listed on the sample containers was used for login purposes.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): DUP-05-202308 (320-104400-52). The sample container has a date and time listed but the COC has no date or time listed. The date and time listed on the sample containers was used for login purposes.

Insufficient sample volume was provided for the following sample(s) for the Method 537 (modified) analysis: MP-04-(048-077)-202308 (320-104400-29), MP-06-(21-33)-202308 (320-104400-35), MP-07-(80-112)-202308 (320-104400-40), MP-07-(48-77)-202308 (320-104400-41) and DUP-05-202308 (320-104400-52).

Sample MP-04-(048-077)-202308 (320-104400-29), 1 of 2 only filled to 50ml.

Samples MP-06-(21-33)-202308 (320-104400-35) and MP-07-(80-112)-202308 (320-104400-40), 2 of 2 only filled to 150ml.

Sample MP-07-(48-77)-202308 (320-104400-41), 2 of 2 only filled to 200ml.

Sample DUP-05-202308 (320-104400-52), 2 of 2 only filled to 150ml.

The available sample volume was used for analysis.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): MP-08-(48-77)-202308 (320-104400-47) and EB-01-202308 (320-104400-57).

Sample MP-08-(48-77)-202308 (320-104400-47), sample container has time of 1140. The COC has time of 1145.

Sample EB-01-202308 (320-104400-57), sample container has time of 1130. The COC has time of 1105.

The time listed on the COC was used for login purposes.

LCMS

Method 537 (modified): Results for samples MP-01-(051-088)-202308 (320-104400-8) and MP-02-(198-220)-202308 (320-104400-12) 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 "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: MP-01-(051-088)-202308 (320-104400-8).

Method 537 (modified): Results for sample MP-02-(153-195)-202308 (320-104400-13) was 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 MP-01-(155-195)-202308 (320-104400-5), MP-01-(121-152)-202308 (320-104400-6) and MP-01-(091-118)-202308 (320-104400-7) 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 "I" qualifier means the transition mass ratio for the indicated analyte was outside the established ratio limits.

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Job ID: 320-104400-1 (Continued)

Laboratory: Eurofins Sacramento (Continued)

The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte: MP-03-(120-157)-202308 (320-104400-19) and MP-03-(083-117)-202308 (320-104400-20).

Method 537 (modified): Results for samples MP-04-(115-152)-202308 (320-104400-27), MP-04-(080-112)-202308 (320-104400-28) and MP-07-(115-152)-202308 (320-104400-39) 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): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following samples: MP-04-(115-152)-202308 (320-104400-27), MP-07-(220-258)-202308 (320-104400-36) and MP-08-(115-152)-202308 (320-104400-45). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results; therefore, the data have been reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following samples: MP-01-(155-195)-202308 (320-104400-5), MP-01-(121-152)-202308 (320-104400-6) and MP-01-(091-118)-202308 (320-104400-7). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results; therefore, the data have been reported.

Method 537 (modified): Results for samples MP-01-(155-195)-202308 (320-104400-5), MP-01-(121-152)-202308 (320-104400-6) and MP-01-(091-118)-202308 (320-104400-7) 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 DUP-03-202308 (320-104400-50) and DUP-07-202308 (320-104400-54) 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.

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

Organic Prep

Method 3535: The following samples in preparation batch 320-704289 and 320-704289 were yellow in color prior to extraction. MP-01-(253-274)-202308 (320-104400-2), MP-01-(223-250)-202308 (320-104400-3) and MP-01-(198-220)-202308 (320-104400-4)

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-704291 and 320-704291.

Method 3535: The following samples in preparation batch 320-704291 and 320-704291 were yellow in color prior to extraction. MP-02-(279-300)-202308 (320-104400-9), MP-02-(253-276)-202308 (320-104400-10), MP-02-(223-250)-202308 (320-104400-11), MP-02-(198-220)-202308 (320-104400-12), MP-03-(280-300)-202308 (320-104400-14) and MP-03-(245-277)-202308 (320-104400-15)

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-705335 and 320-705335.

Method 3535: The following samples in preparation batch 320-705335 and 320-705335 were yellow in color prior to extraction. MP-03-(220-242)-202308 (320-104400-16) and MP-03-(190-217)-202308 (320-104400-17)

Method 3535: The following samples in preparation batch 320-705335 and 320-705335 were observed to have a thin layer of sediment present in the bottom of the bottle prior to extraction. MP-03-(220-242)-202308 (320-104400-16) and MP-03-(190-217)-202308 (320-104400-17)

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-705336.

Method 3535: The following samples in preparation batch 320-705336 were yellow in color prior to extraction. MP-04-(245-272)-202308 (320-104400-23), MP-04-(220-242)-202308 (320-104400-24), MP-04-(195-217)-202308 (320-104400-25) and MP-04-(155-192)-202308

Case Narrative

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Job ID: 320-104400-1 (Continued)

Laboratory: Eurofins Sacramento (Continued)

(320-104400-26).

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-705338.

Method 3535: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation : MP-04-(048-077)-202308 (320-104400-29).

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-706972.

Method 3535: The following sample in preparation batch 320-706972 was brown in color following prior to extraction. DUP-05-202308 (320-104400-52)

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



Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(277-293)-202308

Lab Sample ID: 320-104400-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	1.5	J	2.0	0.48	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.4	J	2.0	0.57	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.34	J	2.0	0.25	ng/L	1		537 (modified)	Total/NA
6:2 FTS	7.2		4.9	2.5	ng/L	1		537 (modified)	Total/NA
8:2 FTS	6.2		2.0	0.45	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-01-(253-274)-202308

Lab Sample ID: 320-104400-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
6:2 FTS	2.8	J	4.8	2.4	ng/L	1		537 (modified)	Total/NA
8:2 FTS	2.7		1.9	0.44	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-01-(223-250)-202308

Lab Sample ID: 320-104400-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
8:2 FTS	0.84	J	2.0	0.45	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-01-(198-220)-202308

Lab Sample ID: 320-104400-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.5	J	5.0	2.4	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12		2.0	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	10		2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.2		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.3		2.0	0.84	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.49	J	2.0	0.27	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.69	J	2.0	0.24	ng/L	1		537 (modified)	Total/NA
6:2 FTS	120		5.0	2.5	ng/L	1		537 (modified)	Total/NA
8:2 FTS	9.1		2.0	0.46	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-01-(155-195)-202308

Lab Sample ID: 320-104400-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	410		6.1	2.9	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	78		2.4	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	13		2.4	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.2	J	2.4	0.24	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.78	J	2.4	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.5		2.4	0.69	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	27		2.4	0.66	ng/L	1		537 (modified)	Total/NA
4:2 FTS	97		2.4	0.29	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	2100		240	59	ng/L	100		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1700		240	70	ng/L	100		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	610		240	30	ng/L	100		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	1200		240	100	ng/L	100		537 (modified)	Total/NA
6:2 FTS - DL	7900		610	300	ng/L	100		537 (modified)	Total/NA
8:2 FTS - DL	1600		240	56	ng/L	100		537 (modified)	Total/NA

Client Sample ID: MP-01-(121-152)-202308

Lab Sample ID: 320-104400-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	370		5.8	2.8	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	66		2.3	0.31	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: 320-104400-1

Client Sample ID: MP-01-(121-152)-202308 (Continued)

Lab Sample ID: 320-104400-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	13		2.3	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.98	J	2.3	0.23	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.68	J	2.3	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	6.8		2.3	0.66	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	23		2.3	0.63	ng/L	1		537 (modified)	Total/NA
4:2 FTS	80		2.3	0.28	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1900		230	57	ng/L	100		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1500		230	67	ng/L	100		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	560		230	29	ng/L	100		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	1200		230	99	ng/L	100		537 (modified)	Total/NA
6:2 FTS - DL	7800		580	290	ng/L	100		537 (modified)	Total/NA
8:2 FTS - DL	1500		230	53	ng/L	100		537 (modified)	Total/NA

Client Sample ID: MP-01-(091-118)-202308

Lab Sample ID: 320-104400-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	350		5.2	2.5	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	62		2.1	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	11		2.1	0.32	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.78	J	2.1	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.6		2.1	0.59	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	16		2.1	0.56	ng/L	1		537 (modified)	Total/NA
4:2 FTS	77		2.1	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	2600		210	51	ng/L	100		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1500		210	60	ng/L	100		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	660		210	26	ng/L	100		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	1100		210	88	ng/L	100		537 (modified)	Total/NA
6:2 FTS - DL	6800		520	260	ng/L	100		537 (modified)	Total/NA
8:2 FTS - DL	1100		210	48	ng/L	100		537 (modified)	Total/NA

Client Sample ID: MP-01-(051-088)-202308

Lab Sample ID: 320-104400-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	420		6.2	3.0	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	71		2.5	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	25		2.5	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.93	J	2.5	0.25	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.59	J	2.5	0.37	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.6		2.5	0.71	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	1.0	J I	2.5	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	18		2.5	0.67	ng/L	1		537 (modified)	Total/NA
4:2 FTS	62		2.5	0.30	ng/L	1		537 (modified)	Total/NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.61	J	2.5	0.50	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	390		50	12	ng/L	20		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	240		50	14	ng/L	20		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	110		50	6.2	ng/L	20		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	110		50	21	ng/L	20		537 (modified)	Total/NA
6:2 FTS - DL	1200		120	62	ng/L	20		537 (modified)	Total/NA
8:2 FTS - DL	300		50	11	ng/L	20		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(279-300)-202308

Lab Sample ID: 320-104400-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.56	J	2.1	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.82	J	2.1	0.61	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.0	J	2.1	0.89	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-02-(253-276)-202308

Lab Sample ID: 320-104400-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.58	J	2.0	0.57	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-02-(223-250)-202308

Lab Sample ID: 320-104400-11

No Detections.

Client Sample ID: MP-02-(198-220)-202308

Lab Sample ID: 320-104400-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	34		6.1	2.9	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	200		2.4	0.59	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	110		2.4	0.70	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	40		2.4	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	40		2.4	1.0	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	3.1		2.4	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.70	J	2.4	0.69	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.99	J	2.4	0.66	ng/L	1		537 (modified)	Total/NA
4:2 FTS	6.6		2.4	0.29	ng/L	1		537 (modified)	Total/NA
8:2 FTS	26		2.4	0.56	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	560		30	15	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MP-02-(153-195)-202308

Lab Sample ID: 320-104400-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	72		5.4	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	310		2.2	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	200		2.2	0.63	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	92		2.2	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	98		2.2	0.92	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	10		2.2	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.1	J	2.2	0.34	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.49	J	2.2	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	2.2	0.62	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.3		2.2	0.58	ng/L	1		537 (modified)	Total/NA
4:2 FTS	4.1		2.2	0.26	ng/L	1		537 (modified)	Total/NA
8:2 FTS	260		2.2	0.50	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	1300		54	27	ng/L	10		537 (modified)	Total/NA

Client Sample ID: MP-03-(280-300)-202308

Lab Sample ID: 320-104400-14

No Detections.

Client Sample ID: MP-03-(245-277)-202308

Lab Sample ID: 320-104400-15

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(220-242)-202308

Lab Sample ID: 320-104400-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.91	J	2.5	0.72	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-03-(190-217)-202308

Lab Sample ID: 320-104400-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	2.9		2.3	0.56	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.6		2.3	0.66	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.96	J	2.3	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.1	J	2.3	0.97	ng/L	1		537 (modified)	Total/NA
6:2 FTS	13		5.7	2.9	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.80	J	2.3	0.53	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-03-(160-187)-202308

Lab Sample ID: 320-104400-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	19		5.5	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	84		2.2	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	60		2.2	0.64	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	18		2.2	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	16		2.2	0.93	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.4	J	2.2	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.0	J	2.2	0.59	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.76	J	2.2	0.26	ng/L	1		537 (modified)	Total/NA
6:2 FTS	150		5.5	2.7	ng/L	1		537 (modified)	Total/NA
8:2 FTS	11		2.2	0.50	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-03-(120-157)-202308

Lab Sample ID: 320-104400-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	20		5.4	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	31		2.2	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	17		2.2	0.63	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	12		2.2	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	8.9		2.2	0.92	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.56	J	2.2	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.59	J	2.2	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.7	I	2.2	0.59	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-03-(083-117)-202308

Lab Sample ID: 320-104400-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	31		5.6	2.7	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	45		2.2	0.55	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	25		2.2	0.65	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	33		2.2	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	18		2.2	0.95	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.2	J	2.2	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.73	J	2.2	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.67	J	2.2	0.64	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.2	I	2.2	0.60	ng/L	1		537 (modified)	Total/NA
6:2 FTS	3.2	J	5.6	2.8	ng/L	1		537 (modified)	Total/NA
8:2 FTS	4.2		2.2	0.51	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(046-080)-202308

Lab Sample ID: 320-104400-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	56		6.5	3.1	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	180		2.6	0.64	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	94		2.6	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	92		2.6	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	9.9		2.6	1.1	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.93	J	2.6	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.60	J	2.6	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.97	J	2.6	0.70	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-04-(275-291)-202308

Lab Sample ID: 320-104400-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.79	J	2.4	0.70	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-04-(245-272)-202308

Lab Sample ID: 320-104400-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.96	J B	2.5	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.1	J	2.5	1.1	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-04-(220-242)-202308

Lab Sample ID: 320-104400-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.68	J B	2.0	0.59	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.91	J	2.0	0.86	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-04-(195-217)-202308

Lab Sample ID: 320-104400-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.74	J B	2.0	0.57	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.95	J	2.0	0.84	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-04-(155-192)-202308

Lab Sample ID: 320-104400-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	33		5.1	2.5	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	150		2.1	0.50	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	120	B	2.1	0.60	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	35		2.1	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	48		2.1	0.87	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.8		2.1	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.80	J	2.1	0.59	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.1	J	2.1	0.56	ng/L	1		537 (modified)	Total/NA
4:2 FTS	6.3		2.1	0.25	ng/L	1		537 (modified)	Total/NA
8:2 FTS	41		2.1	0.47	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	870		26	13	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MP-04-(115-152)-202308

Lab Sample ID: 320-104400-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	150		5.0	2.4	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	400		2.0	0.59	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	160		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	230		2.0	0.86	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(115-152)-202308 (Continued)

Lab Sample ID: 320-104400-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	14		2.0	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.4	J	2.0	0.31	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.69	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.48	J	2.0	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.2		2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.6		2.0	0.54	ng/L	1		537 (modified)	Total/NA
4:2 FTS	42		2.0	0.24	ng/L	1		537 (modified)	Total/NA
8:2 FTS	180		2.0	0.46	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	840		20	4.9	ng/L	10		537 (modified)	Total/NA
6:2 FTS - DL	3300		50	25	ng/L	10		537 (modified)	Total/NA

Client Sample ID: MP-04-(080-112)-202308

Lab Sample ID: 320-104400-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	130		5.6	2.7	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	390		2.2	0.65	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	130		2.2	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	140		2.2	0.96	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	7.0		2.2	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.67	J	2.2	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.2		2.2	0.64	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.9	J	2.2	0.61	ng/L	1		537 (modified)	Total/NA
4:2 FTS	25		2.2	0.27	ng/L	1		537 (modified)	Total/NA
8:2 FTS	16		2.2	0.52	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	860		22	5.5	ng/L	10		537 (modified)	Total/NA
6:2 FTS - DL	1900		56	28	ng/L	10		537 (modified)	Total/NA

Client Sample ID: MP-04-(048-077)-202308

Lab Sample ID: 320-104400-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	8.5		6.6	1.6	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	5.4	J	6.6	1.9	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.2	J	6.6	0.82	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.8	J	6.6	2.8	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-05-(SWL-065)-202308

Lab Sample ID: 320-104400-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	18		5.8	2.8	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	42		2.3	0.57	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	29		2.3	0.68	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	17		2.3	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.5		2.3	0.99	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.74	J	2.3	0.32	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.81	J	2.3	0.23	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-06-(148-178)-202308

Lab Sample ID: 320-104400-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.65	J	2.2	0.65	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(113-145)-202308

Lab Sample ID: 320-104400-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.86	J	2.2	0.64	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-06-(73-110)-202308

Lab Sample ID: 320-104400-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.87	J	2.2	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.1	J	2.2	0.63	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.28	J	2.2	0.27	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-06-(36-70)-202308

Lab Sample ID: 320-104400-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	7.2		5.7	2.8	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	19		2.3	0.56	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	15		2.3	0.67	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	14		2.3	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	16		2.3	0.98	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.4	J	2.3	0.31	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.57	J	2.3	0.23	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-06-(21-33)-202308

Lab Sample ID: 320-104400-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	46		8.3	4.0	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	170		3.3	0.82	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	130		3.3	0.97	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	110		3.3	0.42	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	90		3.3	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	7.8		3.3	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.61	J	3.3	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.60	J	3.3	0.33	ng/L	1		537 (modified)	Total/NA
8:2 FTS	1.6	J	3.3	0.77	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-07-(220-258)-202308

Lab Sample ID: 320-104400-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.72	J	2.0	0.57	ng/L	1		537 (modified)	Total/NA
NEtFOSE	1.4	J	2.0	0.84	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-07-(195-217)-202308

Lab Sample ID: 320-104400-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.87	J	2.3	0.68	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-07-(155-192)-202308

Lab Sample ID: 320-104400-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.0	J	5.0	2.4	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12		2.0	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	8.1		2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.8		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		2.0	0.86	ng/L	1		537 (modified)	Total/NA
6:2 FTS	32		5.0	2.5	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.78	J	2.0	0.46	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(115-152)-202308

Lab Sample ID: 320-104400-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	48		5.5	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	250		2.2	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	160		2.2	0.64	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	47		2.2	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	45		2.2	0.93	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.4		2.2	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	2.2	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.0	J	2.2	0.59	ng/L	1		537 (modified)	Total/NA
4:2 FTS	5.6		2.2	0.26	ng/L	1		537 (modified)	Total/NA
8:2 FTS	19		2.2	0.51	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	850		27	14	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MP-07-(80-112)-202308

Lab Sample ID: 320-104400-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.4	J	6.4	3.1	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.1		2.6	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.0		2.6	0.75	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.80	J	2.6	0.32	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.1	J	2.6	1.1	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.5		2.6	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.5	J	2.6	0.73	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	13		2.6	0.69	ng/L	1		537 (modified)	Total/NA
6:2 FTS	12		6.4	3.2	ng/L	1		537 (modified)	Total/NA
8:2 FTS	4.1		2.6	0.59	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-07-(48-77)-202308

Lab Sample ID: 320-104400-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.2	J	6.6	3.2	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.84	J	2.6	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.2		2.6	0.26	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-08-(220-246)-202308

Lab Sample ID: 320-104400-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.82	J	2.4	0.71	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-08-(195-217)-202308

Lab Sample ID: 320-104400-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.74	J	2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.29	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-08-(155-192)-202308

Lab Sample ID: 320-104400-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.70	J	2.0	0.58	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-08-(115-152)-202308

Lab Sample ID: 320-104400-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.94	J	2.0	0.50	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.3	J	2.0	0.59	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(80-112)-202308

Lab Sample ID: 320-104400-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	48		6.6	3.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	220		2.6	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	130		2.6	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	24		2.6	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.5	J	2.6	1.1	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.45	J	2.6	0.26	ng/L	1		537 (modified)	Total/NA
4:2 FTS	8.0		2.6	0.32	ng/L	1		537 (modified)	Total/NA
6:2 FTS	39		6.6	3.3	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MP-08-(48-77)-202308

Lab Sample ID: 320-104400-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	4.8	J	5.6	2.7	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	23		2.2	0.22	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-01-202308

Lab Sample ID: 320-104400-48

No Detections.

Client Sample ID: DUP-02-202308

Lab Sample ID: 320-104400-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.1	J	5.3	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	13		2.1	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	8.5		2.1	0.62	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.9		2.1	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.8		2.1	0.91	ng/L	1		537 (modified)	Total/NA
6:2 FTS	44		5.3	2.7	ng/L	1		537 (modified)	Total/NA
8:2 FTS	1.6	J	2.1	0.49	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-03-202308

Lab Sample ID: 320-104400-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	170		5.4	2.6	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	180		2.1	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	260		2.1	0.91	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	16		2.1	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.6	J	2.1	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.66	J	2.1	0.21	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.55	J	2.1	0.32	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.6		2.1	0.61	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.1		2.1	0.58	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	4.4		2.1	1.1	ng/L	1		537 (modified)	Total/NA
4:2 FTS	42		2.1	0.26	ng/L	1		537 (modified)	Total/NA
8:2 FTS	260		2.1	0.49	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	870		43	11	ng/L	20		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	620		43	12	ng/L	20		537 (modified)	Total/NA
6:2 FTS - DL	4100		110	54	ng/L	20		537 (modified)	Total/NA

Client Sample ID: DUP-04-202308

Lab Sample ID: 320-104400-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	20		5.0	2.4	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-04-202308 (Continued)

Lab Sample ID: 320-104400-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	44		2.0	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	30		2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	16		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.8		2.0	0.85	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.80	J	2.0	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.84	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.48	J	2.0	0.46	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-05-202308

Lab Sample ID: 320-104400-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	47		6.1	2.9	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	160		2.4	0.60	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	110		2.4	0.71	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	95		2.4	0.31	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	83		2.4	1.0	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	6.9		2.4	0.33	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.48	J	2.4	0.38	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.58	J	2.4	0.24	ng/L	1		537 (modified)	Total/NA
8:2 FTS	1.2	J	2.4	0.56	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-06-202308

Lab Sample ID: 320-104400-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	19		5.1	2.4	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	90		2.0	0.50	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	51		2.0	0.59	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	18		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	17		2.0	0.86	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.4	J	2.0	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.74	J	2.0	0.55	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.80	J	2.0	0.24	ng/L	1		537 (modified)	Total/NA
6:2 FTS	150		5.1	2.5	ng/L	1		537 (modified)	Total/NA
8:2 FTS	10		2.0	0.47	ng/L	1		537 (modified)	Total/NA

Client Sample ID: DUP-07-202308

Lab Sample ID: 320-104400-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	73		5.0	2.4	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	330		2.0	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	180		2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	90		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	97		2.0	0.85	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	8.7		2.0	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.7	J	2.0	0.31	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.42	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.94	J	2.0	0.57	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.5		2.0	0.54	ng/L	1		537 (modified)	Total/NA
4:2 FTS	4.2		2.0	0.24	ng/L	1		537 (modified)	Total/NA
8:2 FTS	200		2.0	0.46	ng/L	1		537 (modified)	Total/NA
6:2 FTS - DL	1200		50	25	ng/L	10		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Detection Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-08-202308

Lab Sample ID: 320-104400-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.7	J	4.9	2.4	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12		2.0	0.48	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.1		2.0	0.57	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.4		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.2		2.0	0.84	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.65	J	2.0	0.24	ng/L	1		537 (modified)	Total/NA
6:2 FTS	110		4.9	2.5	ng/L	1		537 (modified)	Total/NA
8:2 FTS	6.8		2.0	0.45	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FB-01-202308

Lab Sample ID: 320-104400-56

No Detections.

Client Sample ID: EB-01-202308

Lab Sample ID: 320-104400-57

No Detections.

Client Sample ID: EB-02-202308

Lab Sample ID: 320-104400-58

No Detections.

Client Sample ID: EB-03-202308

Lab Sample ID: 320-104400-59

No Detections.

Client Sample ID: EB-04-202308

Lab Sample ID: 320-104400-60

No Detections.

Client Sample ID: EB-05-202308

Lab Sample ID: 320-104400-61

No Detections.

Client Sample ID: EB-06-202308

Lab Sample ID: 320-104400-62

No Detections.

Client Sample ID: EB-07-202308

Lab Sample ID: 320-104400-63

No Detections.

Client Sample ID: EB-08-202308

Lab Sample ID: 320-104400-64

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(277-293)-202308

Lab Sample ID: 320-104400-1

Date Collected: 08/30/23 10:20

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluoropentanoic acid (PFPeA)	1.5	J	2.0	0.48	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorohexanoic acid (PFHxA)	1.4	J	2.0	0.57	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluoroheptanoic acid (PFHpA)	0.34	J	2.0	0.25	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorooctanoic acid (PFOA)	<0.84		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorodecanoic acid (PFDA)	<0.30		2.0	0.30	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		2.0	0.29	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		2.0	0.31	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorododecanesulfonic acid (PFDoS)	<0.95		2.0	0.95	ng/L		09/06/23 19:11	09/07/23 18:26	1
Perfluorooctanesulfonamide (FOSA)	<0.96		2.0	0.96	ng/L		09/06/23 19:11	09/07/23 18:26	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/06/23 19:11	09/07/23 18:26	1
NMeFOSA	<0.42		2.0	0.42	ng/L		09/06/23 19:11	09/07/23 18:26	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/06/23 19:11	09/07/23 18:26	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/06/23 19:11	09/07/23 18:26	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/06/23 19:11	09/07/23 18:26	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 18:26	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/06/23 19:11	09/07/23 18:26	1
6:2 FTS	7.2		4.9	2.5	ng/L		09/06/23 19:11	09/07/23 18:26	1
8:2 FTS	6.2		2.0	0.45	ng/L		09/06/23 19:11	09/07/23 18:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		09/06/23 19:11	09/07/23 18:26	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		09/06/23 19:11	09/07/23 18:26	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:11	09/07/23 18:26	1
11Cl-PF3OUdS	<0.31		2.0	0.31	ng/L		09/06/23 19:11	09/07/23 18:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	109		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C5 PFPeA	96		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C2 PFHxA	97		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C4 PFHpA	92		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C4 PFOA	95		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C5 PFNA	103		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C2 PFDA	89		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C2 PFUnA	76		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C2 PFDoA	48		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C2 PFTeDA	74		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C3 PFBS	97		25 - 150	09/06/23 19:11	09/07/23 18:26	1
18O2 PFHxS	94		25 - 150	09/06/23 19:11	09/07/23 18:26	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(277-293)-202308

Lab Sample ID: 320-104400-1

Date Collected: 08/30/23 10:20

Matrix: Water

Date Received: 08/31/23 10:15

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	94		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C8 FOSA	106		10 - 150	09/06/23 19:11	09/07/23 18:26	1
d3-NMeFOSAA	55		25 - 150	09/06/23 19:11	09/07/23 18:26	1
d5-NEtFOSAA	55		25 - 150	09/06/23 19:11	09/07/23 18:26	1
d-N-MeFOSA-M	68		10 - 150	09/06/23 19:11	09/07/23 18:26	1
d-N-EtFOSA-M	64		10 - 150	09/06/23 19:11	09/07/23 18:26	1
d7-N-MeFOSE-M	80		10 - 150	09/06/23 19:11	09/07/23 18:26	1
d9-N-EtFOSE-M	77		10 - 150	09/06/23 19:11	09/07/23 18:26	1
M2-4:2 FTS	104		25 - 150	09/06/23 19:11	09/07/23 18:26	1
M2-6:2 FTS	95		25 - 150	09/06/23 19:11	09/07/23 18:26	1
M2-8:2 FTS	125		25 - 150	09/06/23 19:11	09/07/23 18:26	1
13C3 HFPO-DA	80		25 - 150	09/06/23 19:11	09/07/23 18:26	1

Client Sample ID: MP-01-(253-274)-202308

Lab Sample ID: 320-104400-2

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		1.9	1.3	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		1.9	0.71	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		09/06/23 19:11	09/07/23 18:37	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		09/06/23 19:11	09/07/23 18:37	1
NEtFOSA	<0.84		1.9	0.84	ng/L		09/06/23 19:11	09/07/23 18:37	1
NMeFOSA	<0.42		1.9	0.42	ng/L		09/06/23 19:11	09/07/23 18:37	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		09/06/23 19:11	09/07/23 18:37	1
NEtFOSAA	<1.3		4.8	1.3	ng/L		09/06/23 19:11	09/07/23 18:37	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/06/23 19:11	09/07/23 18:37	1
NEtFOSE	<0.82		1.9	0.82	ng/L		09/06/23 19:11	09/07/23 18:37	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/06/23 19:11	09/07/23 18:37	1
6:2 FTS	2.8 J		4.8	2.4	ng/L		09/06/23 19:11	09/07/23 18:37	1
8:2 FTS	2.7		1.9	0.44	ng/L		09/06/23 19:11	09/07/23 18:37	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(253-274)-202308

Lab Sample ID: 320-104400-2

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		09/06/23 19:11	09/07/23 18:37	1
HFPO-DA (GenX)	<1.4		3.9	1.4	ng/L		09/06/23 19:11	09/07/23 18:37	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		09/06/23 19:11	09/07/23 18:37	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		09/06/23 19:11	09/07/23 18:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	116		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C5 PFPeA	115		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C2 PFHxA	110		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C4 PFHpA	104		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C4 PFOA	105		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C5 PFNA	109		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C2 PFDA	102		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C2 PFUnA	74		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C2 PFDoA	41		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C2 PFTeDA	83		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C3 PFBS	111		25 - 150				09/06/23 19:11	09/07/23 18:37	1
18O2 PFHxS	104		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C4 PFOS	101		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C8 FOSA	119		10 - 150				09/06/23 19:11	09/07/23 18:37	1
d3-NMeFOSAA	51		25 - 150				09/06/23 19:11	09/07/23 18:37	1
d5-NEtFOSAA	45		25 - 150				09/06/23 19:11	09/07/23 18:37	1
d-N-MeFOSA-M	79		10 - 150				09/06/23 19:11	09/07/23 18:37	1
d-N-EtFOSA-M	67		10 - 150				09/06/23 19:11	09/07/23 18:37	1
d7-N-MeFOSE-M	80		10 - 150				09/06/23 19:11	09/07/23 18:37	1
d9-N-EtFOSE-M	78		10 - 150				09/06/23 19:11	09/07/23 18:37	1
M2-4:2 FTS	121		25 - 150				09/06/23 19:11	09/07/23 18:37	1
M2-6:2 FTS	104		25 - 150				09/06/23 19:11	09/07/23 18:37	1
M2-8:2 FTS	148		25 - 150				09/06/23 19:11	09/07/23 18:37	1
13C3 HFPO-DA	89		25 - 150				09/06/23 19:11	09/07/23 18:37	1

Client Sample ID: MP-01-(223-250)-202308

Lab Sample ID: 320-104400-3

Date Collected: 08/30/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorohexanoic acid (PFHxA)	<0.57		2.0	0.57	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorooctanoic acid (PFOA)	<0.84		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:11	09/07/23 18:48	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(223-250)-202308

Lab Sample ID: 320-104400-3

Date Collected: 08/30/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/06/23 19:11	09/07/23 18:48	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/06/23 19:11	09/07/23 18:48	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/06/23 19:11	09/07/23 18:48	1
NMeFOSA	<0.42		2.0	0.42	ng/L		09/06/23 19:11	09/07/23 18:48	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/06/23 19:11	09/07/23 18:48	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/06/23 19:11	09/07/23 18:48	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/06/23 19:11	09/07/23 18:48	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 18:48	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/06/23 19:11	09/07/23 18:48	1
6:2 FTS	<2.5		4.9	2.5	ng/L		09/06/23 19:11	09/07/23 18:48	1
8:2 FTS	0.84 J		2.0	0.45	ng/L		09/06/23 19:11	09/07/23 18:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		09/06/23 19:11	09/07/23 18:48	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		09/06/23 19:11	09/07/23 18:48	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:11	09/07/23 18:48	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/06/23 19:11	09/07/23 18:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	113		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C5 PFPeA	103		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C2 PFHxA	105		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C4 PFHpA	97		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C4 PFOA	98		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C5 PFNA	105		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C2 PFDA	99		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C2 PFUnA	86		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C2 PFDoA	77		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C2 PFTeDA	89		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C3 PFBS	101		25 - 150	09/06/23 19:11	09/07/23 18:48	1
18O2 PFHxS	100		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C4 PFOS	94		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C8 FOSA	105		10 - 150	09/06/23 19:11	09/07/23 18:48	1
d3-NMeFOSAA	88		25 - 150	09/06/23 19:11	09/07/23 18:48	1
d5-NEtFOSAA	87		25 - 150	09/06/23 19:11	09/07/23 18:48	1
d-N-MeFOSA-M	91		10 - 150	09/06/23 19:11	09/07/23 18:48	1
d-N-EtFOSA-M	91		10 - 150	09/06/23 19:11	09/07/23 18:48	1
d7-N-MeFOSE-M	90		10 - 150	09/06/23 19:11	09/07/23 18:48	1
d9-N-EtFOSE-M	92		10 - 150	09/06/23 19:11	09/07/23 18:48	1
M2-4:2 FTS	114		25 - 150	09/06/23 19:11	09/07/23 18:48	1
M2-6:2 FTS	99		25 - 150	09/06/23 19:11	09/07/23 18:48	1
M2-8:2 FTS	119		25 - 150	09/06/23 19:11	09/07/23 18:48	1
13C3 HFPO-DA	85		25 - 150	09/06/23 19:11	09/07/23 18:48	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(198-220)-202308

Lab Sample ID: 320-104400-4

Date Collected: 08/30/23 10:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.5	J	5.0	2.4	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluoropentanoic acid (PFPeA)	12		2.0	0.49	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorohexanoic acid (PFHxA)	10		2.0	0.58	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluoroheptanoic acid (PFHpA)	3.2		2.0	0.25	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorooctanoic acid (PFOA)	7.3		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorononanoic acid (PFNA)	0.49	J	2.0	0.27	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/06/23 19:11	09/07/23 19:22	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/06/23 19:11	09/07/23 19:22	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/06/23 19:11	09/07/23 19:22	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/06/23 19:11	09/07/23 19:22	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/06/23 19:11	09/07/23 19:22	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/06/23 19:11	09/07/23 19:22	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/06/23 19:11	09/07/23 19:22	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/06/23 19:11	09/07/23 19:22	1
4:2 FTS	0.69	J	2.0	0.24	ng/L		09/06/23 19:11	09/07/23 19:22	1
6:2 FTS	120		5.0	2.5	ng/L		09/06/23 19:11	09/07/23 19:22	1
8:2 FTS	9.1		2.0	0.46	ng/L		09/06/23 19:11	09/07/23 19:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/06/23 19:11	09/07/23 19:22	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/06/23 19:11	09/07/23 19:22	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:11	09/07/23 19:22	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/06/23 19:11	09/07/23 19:22	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	112		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C5 PFPeA	101		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C2 PFHxA	98		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C4 PFHpA	94		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C4 PFOA	97		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C5 PFNA	105		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C2 PFDA	96		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C2 PFUnA	89		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C2 PFDoA	80		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C2 PFTeDA	88		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C3 PFBS	100		25 - 150	09/06/23 19:11	09/07/23 19:22	1
18O2 PFHxS	97		25 - 150	09/06/23 19:11	09/07/23 19:22	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(198-220)-202308

Lab Sample ID: 320-104400-4

Date Collected: 08/30/23 10:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	96		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C8 FOSA	105		10 - 150	09/06/23 19:11	09/07/23 19:22	1
d3-NMeFOSAA	92		25 - 150	09/06/23 19:11	09/07/23 19:22	1
d5-NEtFOSAA	109		25 - 150	09/06/23 19:11	09/07/23 19:22	1
d-N-MeFOSA-M	90		10 - 150	09/06/23 19:11	09/07/23 19:22	1
d-N-EtFOSA-M	91		10 - 150	09/06/23 19:11	09/07/23 19:22	1
d7-N-MeFOSE-M	96		10 - 150	09/06/23 19:11	09/07/23 19:22	1
d9-N-EtFOSE-M	93		10 - 150	09/06/23 19:11	09/07/23 19:22	1
M2-4:2 FTS	104		25 - 150	09/06/23 19:11	09/07/23 19:22	1
M2-6:2 FTS	99		25 - 150	09/06/23 19:11	09/07/23 19:22	1
M2-8:2 FTS	112		25 - 150	09/06/23 19:11	09/07/23 19:22	1
13C3 HFPO-DA	82		25 - 150	09/06/23 19:11	09/07/23 19:22	1

Client Sample ID: MP-01-(155-195)-202308

Lab Sample ID: 320-104400-5

Date Collected: 08/30/23 11:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	410		6.1	2.9	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorononanoic acid (PFNA)	78		2.4	0.33	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorodecanoic acid (PFDA)	13		2.4	0.38	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorododecanoic acid (PFDoA)	<0.67		2.4	0.67	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.4	1.6	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorotetradecanoic acid (PFTeA)	<0.89		2.4	0.89	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorobutanesulfonic acid (PFBS)	1.2 J		2.4	0.24	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluoropentanesulfonic acid (PFPeS)	0.78 J		2.4	0.36	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorohexanesulfonic acid (PFHxS)	7.5		2.4	0.69	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorooctanesulfonic acid (PFOS)	27		2.4	0.66	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.4	0.45	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.4	0.39	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/06/23 19:11	09/07/23 19:33	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/06/23 19:11	09/07/23 19:33	1
NEtFOSA	<1.1		2.4	1.1	ng/L		09/06/23 19:11	09/07/23 19:33	1
NMeFOSA	<0.52		2.4	0.52	ng/L		09/06/23 19:11	09/07/23 19:33	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/06/23 19:11	09/07/23 19:33	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/06/23 19:11	09/07/23 19:33	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/06/23 19:11	09/07/23 19:33	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/06/23 19:11	09/07/23 19:33	1
4:2 FTS	97		2.4	0.29	ng/L		09/06/23 19:11	09/07/23 19:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.4	0.49	ng/L		09/06/23 19:11	09/07/23 19:33	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/06/23 19:11	09/07/23 19:33	1
9CI-PF3ONS	<0.29		2.4	0.29	ng/L		09/06/23 19:11	09/07/23 19:33	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(155-195)-202308

Lab Sample ID: 320-104400-5

Date Collected: 08/30/23 11:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11CI-PF3OUdS	<0.39		2.4	0.39	ng/L		09/06/23 19:11	09/07/23 19:33	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	96		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C5 PFNA	97		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C2 PFDA	87		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C2 PFUnA	80		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C2 PFDoA	73		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C2 PFTeDA	78		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C3 PFBS	93		25 - 150				09/06/23 19:11	09/07/23 19:33	1
18O2 PFHxS	91		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C4 PFOS	85		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C8 FOSA	90		10 - 150				09/06/23 19:11	09/07/23 19:33	1
d3-NMeFOSAA	82		25 - 150				09/06/23 19:11	09/07/23 19:33	1
d5-NEtFOSAA	92		25 - 150				09/06/23 19:11	09/07/23 19:33	1
d-N-MeFOSA-M	79		10 - 150				09/06/23 19:11	09/07/23 19:33	1
d-N-EtFOSA-M	78		10 - 150				09/06/23 19:11	09/07/23 19:33	1
d7-N-MeFOSE-M	83		10 - 150				09/06/23 19:11	09/07/23 19:33	1
d9-N-EtFOSE-M	80		10 - 150				09/06/23 19:11	09/07/23 19:33	1
M2-4:2 FTS	96		25 - 150				09/06/23 19:11	09/07/23 19:33	1
13C3 HFPO-DA	75		25 - 150				09/06/23 19:11	09/07/23 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	2100		240	59	ng/L		09/06/23 19:11	09/14/23 16:44	100
Perfluorohexanoic acid (PFHxA)	1700		240	70	ng/L		09/06/23 19:11	09/14/23 16:44	100
Perfluoroheptanoic acid (PFHpA)	610		240	30	ng/L		09/06/23 19:11	09/14/23 16:44	100
Perfluorooctanoic acid (PFOA)	1200		240	100	ng/L		09/06/23 19:11	09/14/23 16:44	100
6:2 FTS	7900		610	300	ng/L		09/06/23 19:11	09/14/23 16:44	100
8:2 FTS	1600		240	56	ng/L		09/06/23 19:11	09/14/23 16:44	100
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C5 PFPeA	92		25 - 150				09/06/23 19:11	09/14/23 16:44	100
13C2 PFHxA	93		25 - 150				09/06/23 19:11	09/14/23 16:44	100
13C4 PFHpA	84		25 - 150				09/06/23 19:11	09/14/23 16:44	100
13C4 PFOA	88		25 - 150				09/06/23 19:11	09/14/23 16:44	100
M2-6:2 FTS	207	*5+	25 - 150				09/06/23 19:11	09/14/23 16:44	100
M2-8:2 FTS	139		25 - 150				09/06/23 19:11	09/14/23 16:44	100

Client Sample ID: MP-01-(121-152)-202308

Lab Sample ID: 320-104400-6

Date Collected: 08/30/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	370		5.8	2.8	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorononanoic acid (PFNA)	66		2.3	0.31	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorodecanoic acid (PFDA)	13		2.3	0.36	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.3	1.3	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorododecanoic acid (PFDoA)	<0.64		2.3	0.64	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorotridecanoic acid (PFTTrDA)	<1.5		2.3	1.5	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.85		2.3	0.85	ng/L		09/06/23 19:11	09/07/23 19:45	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(121-152)-202308

Lab Sample ID: 320-104400-6

Date Collected: 08/30/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	0.98	J	2.3	0.23	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluoropentanesulfonic acid (PFPeS)	0.68	J	2.3	0.35	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorohexanesulfonic acid (PFHxS)	6.8		2.3	0.66	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.22		2.3	0.22	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorooctanesulfonic acid (PFOS)	23		2.3	0.63	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorononanesulfonic acid (PFNS)	<0.43		2.3	0.43	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.37		2.3	0.37	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.3	1.1	ng/L		09/06/23 19:11	09/07/23 19:45	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.3	1.1	ng/L		09/06/23 19:11	09/07/23 19:45	1
NEtFOSA	<1.0		2.3	1.0	ng/L		09/06/23 19:11	09/07/23 19:45	1
NMeFOSA	<0.50		2.3	0.50	ng/L		09/06/23 19:11	09/07/23 19:45	1
NMeFOSAA	<1.4		5.8	1.4	ng/L		09/06/23 19:11	09/07/23 19:45	1
NEtFOSAA	<1.5		5.8	1.5	ng/L		09/06/23 19:11	09/07/23 19:45	1
NMeFOSE	<1.6		4.6	1.6	ng/L		09/06/23 19:11	09/07/23 19:45	1
NEtFOSE	<0.99		2.3	0.99	ng/L		09/06/23 19:11	09/07/23 19:45	1
4:2 FTS	80		2.3	0.28	ng/L		09/06/23 19:11	09/07/23 19:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46		2.3	0.46	ng/L		09/06/23 19:11	09/07/23 19:45	1
HFPO-DA (GenX)	<1.7		4.6	1.7	ng/L		09/06/23 19:11	09/07/23 19:45	1
9Cl-PF3ONS	<0.28		2.3	0.28	ng/L		09/06/23 19:11	09/07/23 19:45	1
11Cl-PF3OUdS	<0.37		2.3	0.37	ng/L		09/06/23 19:11	09/07/23 19:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	114		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C5 PFNA	113		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C2 PFDA	96		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C2 PFUnA	94		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C2 PFDoA	86		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C2 PFTeDA	92		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C3 PFBS	112		25 - 150				09/06/23 19:11	09/07/23 19:45	1
18O2 PFHxS	105		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C4 PFOS	102		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C8 FOSA	110		10 - 150				09/06/23 19:11	09/07/23 19:45	1
d3-NMeFOSAA	94		25 - 150				09/06/23 19:11	09/07/23 19:45	1
d5-NEtFOSAA	102		25 - 150				09/06/23 19:11	09/07/23 19:45	1
d-N-MeFOSA-M	88		10 - 150				09/06/23 19:11	09/07/23 19:45	1
d-N-EtFOSA-M	92		10 - 150				09/06/23 19:11	09/07/23 19:45	1
d7-N-MeFOSE-M	91		10 - 150				09/06/23 19:11	09/07/23 19:45	1
d9-N-EtFOSE-M	95		10 - 150				09/06/23 19:11	09/07/23 19:45	1
M2-4:2 FTS	119		25 - 150				09/06/23 19:11	09/07/23 19:45	1
13C3 HFPO-DA	89		25 - 150				09/06/23 19:11	09/07/23 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	1900		230	57	ng/L		09/06/23 19:11	09/14/23 17:06	100
Perfluorohexanoic acid (PFHxA)	1500		230	67	ng/L		09/06/23 19:11	09/14/23 17:06	100

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(121-152)-202308

Lab Sample ID: 320-104400-6

Date Collected: 08/30/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	560		230	29	ng/L		09/06/23 19:11	09/14/23 17:06	100
Perfluorooctanoic acid (PFOA)	1200		230	99	ng/L		09/06/23 19:11	09/14/23 17:06	100
6:2 FTS	7800		580	290	ng/L		09/06/23 19:11	09/14/23 17:06	100
8:2 FTS	1500		230	53	ng/L		09/06/23 19:11	09/14/23 17:06	100
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFPeA	111		25 - 150				09/06/23 19:11	09/14/23 17:06	100
13C2 PFHxA	112		25 - 150				09/06/23 19:11	09/14/23 17:06	100
13C4 PFHpA	93		25 - 150				09/06/23 19:11	09/14/23 17:06	100
13C4 PFOA	90		25 - 150				09/06/23 19:11	09/14/23 17:06	100
M2-6:2 FTS	213	*5+	25 - 150				09/06/23 19:11	09/14/23 17:06	100
M2-8:2 FTS	166	*5+	25 - 150				09/06/23 19:11	09/14/23 17:06	100

Client Sample ID: MP-01-(091-118)-202308

Lab Sample ID: 320-104400-7

Date Collected: 08/30/23 11:20

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	350		5.2	2.5	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorononanoic acid (PFNA)	62		2.1	0.28	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorodecanoic acid (PFDA)	11		2.1	0.32	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.1	1.1	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorododecanoic acid (PFDoA)	<0.57		2.1	0.57	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.1	1.3	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorotetradecanoic acid (PFTeA)	<0.76		2.1	0.76	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorobutanesulfonic acid (PFBS)	0.78	J	2.1	0.21	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.1	0.31	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorohexanesulfonic acid (PFHxS)	4.6		2.1	0.59	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorooctanesulfonic acid (PFOS)	16		2.1	0.56	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.1	0.38	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.1	0.33	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		09/06/23 19:11	09/07/23 19:56	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		09/06/23 19:11	09/07/23 19:56	1
NEtFOSA	<0.90		2.1	0.90	ng/L		09/06/23 19:11	09/07/23 19:56	1
NMeFOSA	<0.44		2.1	0.44	ng/L		09/06/23 19:11	09/07/23 19:56	1
NMeFOSAA	<1.2		5.2	1.2	ng/L		09/06/23 19:11	09/07/23 19:56	1
NEtFOSAA	<1.3		5.2	1.3	ng/L		09/06/23 19:11	09/07/23 19:56	1
NMeFOSE	<1.4		4.1	1.4	ng/L		09/06/23 19:11	09/07/23 19:56	1
NEtFOSE	<0.88		2.1	0.88	ng/L		09/06/23 19:11	09/07/23 19:56	1
4:2 FTS	77		2.1	0.25	ng/L		09/06/23 19:11	09/07/23 19:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.1	0.41	ng/L		09/06/23 19:11	09/07/23 19:56	1
HFPO-DA (GenX)	<1.6		4.1	1.6	ng/L		09/06/23 19:11	09/07/23 19:56	1
9CI-PF3ONS	<0.25		2.1	0.25	ng/L		09/06/23 19:11	09/07/23 19:56	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(091-118)-202308

Lab Sample ID: 320-104400-7

Date Collected: 08/30/23 11:20

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11CI-PF3OUdS	<0.33		2.1	0.33	ng/L		09/06/23 19:11	09/07/23 19:56	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	103		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C5 PFNA	96		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C2 PFDA	91		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C2 PFUnA	81		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C2 PFDoA	62		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C2 PFTeDA	75		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C3 PFBS	100		25 - 150				09/06/23 19:11	09/07/23 19:56	1
18O2 PFHxS	96		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C4 PFOS	90		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C8 FOSA	102		10 - 150				09/06/23 19:11	09/07/23 19:56	1
d3-NMeFOSAA	72		25 - 150				09/06/23 19:11	09/07/23 19:56	1
d5-NEtFOSAA	68		25 - 150				09/06/23 19:11	09/07/23 19:56	1
d-N-MeFOSA-M	83		10 - 150				09/06/23 19:11	09/07/23 19:56	1
d-N-EtFOSA-M	78		10 - 150				09/06/23 19:11	09/07/23 19:56	1
d7-N-MeFOSE-M	79		10 - 150				09/06/23 19:11	09/07/23 19:56	1
d9-N-EtFOSE-M	81		10 - 150				09/06/23 19:11	09/07/23 19:56	1
M2-4:2 FTS	101		25 - 150				09/06/23 19:11	09/07/23 19:56	1
13C3 HFPO-DA	81		25 - 150				09/06/23 19:11	09/07/23 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	2600		210	51	ng/L		09/06/23 19:11	09/14/23 17:29	100
Perfluorohexanoic acid (PFHxA)	1500		210	60	ng/L		09/06/23 19:11	09/14/23 17:29	100
Perfluoroheptanoic acid (PFHpA)	660		210	26	ng/L		09/06/23 19:11	09/14/23 17:29	100
Perfluorooctanoic acid (PFOA)	1100		210	88	ng/L		09/06/23 19:11	09/14/23 17:29	100
6:2 FTS	6800		520	260	ng/L		09/06/23 19:11	09/14/23 17:29	100
8:2 FTS	1100		210	48	ng/L		09/06/23 19:11	09/14/23 17:29	100
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFPeA	111		25 - 150				09/06/23 19:11	09/14/23 17:29	100
13C2 PFHxA	104		25 - 150				09/06/23 19:11	09/14/23 17:29	100
13C4 PFHpA	94		25 - 150				09/06/23 19:11	09/14/23 17:29	100
13C4 PFOA	94		25 - 150				09/06/23 19:11	09/14/23 17:29	100
M2-6:2 FTS	158	*5+	25 - 150				09/06/23 19:11	09/14/23 17:29	100
M2-8:2 FTS	149		25 - 150				09/06/23 19:11	09/14/23 17:29	100

Client Sample ID: MP-01-(051-088)-202308

Lab Sample ID: 320-104400-8

Date Collected: 08/30/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	420		6.2	3.0	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorononanoic acid (PFNA)	71		2.5	0.33	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorodecanoic acid (PFDA)	25		2.5	0.38	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.5	1.4	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.5	0.68	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorotridecanoic acid (PFTTrDA)	<1.6		2.5	1.6	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorotetradecanoic acid (PFTeA)	<0.91		2.5	0.91	ng/L		09/06/23 19:31	09/07/23 15:57	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(051-088)-202308

Lab Sample ID: 320-104400-8

Date Collected: 08/30/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	0.93	J	2.5	0.25	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluoropentanesulfonic acid (PFPeS)	0.59	J	2.5	0.37	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorohexanesulfonic acid (PFHxS)	4.6		2.5	0.71	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluoroheptanesulfonic acid (PFHpS)	1.0	J I	2.5	0.24	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorooctanesulfonic acid (PFOS)	18		2.5	0.67	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorononanesulfonic acid (PFNS)	<0.46		2.5	0.46	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorodecanesulfonic acid (PFDS)	<0.40		2.5	0.40	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 15:57	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 15:57	1
NEtFOSA	<1.1		2.5	1.1	ng/L		09/06/23 19:31	09/07/23 15:57	1
NMeFOSA	<0.53		2.5	0.53	ng/L		09/06/23 19:31	09/07/23 15:57	1
NMeFOSAA	<1.5		6.2	1.5	ng/L		09/06/23 19:31	09/07/23 15:57	1
NEtFOSAA	<1.6		6.2	1.6	ng/L		09/06/23 19:31	09/07/23 15:57	1
NMeFOSE	<1.7		5.0	1.7	ng/L		09/06/23 19:31	09/07/23 15:57	1
NEtFOSE	<1.1		2.5	1.1	ng/L		09/06/23 19:31	09/07/23 15:57	1
4:2 FTS	62		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 15:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.61	J	2.5	0.50	ng/L		09/06/23 19:31	09/07/23 15:57	1
HFPO-DA (GenX)	<1.9		5.0	1.9	ng/L		09/06/23 19:31	09/07/23 15:57	1
9Cl-PF3ONS	<0.30		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 15:57	1
11Cl-PF3OUdS	<0.40		2.5	0.40	ng/L		09/06/23 19:31	09/07/23 15:57	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	88		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C5 PFNA	125		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C2 PFDA	109		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C2 PFUnA	119		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C2 PFDoA	126		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C2 PFTeDA	133		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C3 PFBS	103		25 - 150				09/06/23 19:31	09/07/23 15:57	1
18O2 PFHxS	116		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C4 PFOS	118		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C8 FOSA	112		10 - 150				09/06/23 19:31	09/07/23 15:57	1
d3-NMeFOSAA	145		25 - 150				09/06/23 19:31	09/07/23 15:57	1
d5-NEtFOSAA	142		25 - 150				09/06/23 19:31	09/07/23 15:57	1
d-N-MeFOSA-M	104		10 - 150				09/06/23 19:31	09/07/23 15:57	1
d-N-EtFOSA-M	103		10 - 150				09/06/23 19:31	09/07/23 15:57	1
d7-N-MeFOSE-M	123		10 - 150				09/06/23 19:31	09/07/23 15:57	1
d9-N-EtFOSE-M	117		10 - 150				09/06/23 19:31	09/07/23 15:57	1
M2-4:2 FTS	111		25 - 150				09/06/23 19:31	09/07/23 15:57	1
13C3 HFPO-DA	90		25 - 150				09/06/23 19:31	09/07/23 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	390		50	12	ng/L		09/06/23 19:31	09/08/23 13:21	20
Perfluorohexanoic acid (PFHxA)	240		50	14	ng/L		09/06/23 19:31	09/08/23 13:21	20

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(051-088)-202308

Lab Sample ID: 320-104400-8

Date Collected: 08/30/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	110		50	6.2	ng/L		09/06/23 19:31	09/08/23 13:21	20
Perfluorooctanoic acid (PFOA)	110		50	21	ng/L		09/06/23 19:31	09/08/23 13:21	20
6:2 FTS	1200		120	62	ng/L		09/06/23 19:31	09/08/23 13:21	20
8:2 FTS	300		50	11	ng/L		09/06/23 19:31	09/08/23 13:21	20
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFPeA	67		25 - 150				09/06/23 19:31	09/08/23 13:21	20
13C2 PFHxA	80		25 - 150				09/06/23 19:31	09/08/23 13:21	20
13C4 PFHpA	83		25 - 150				09/06/23 19:31	09/08/23 13:21	20
13C4 PFOA	92		25 - 150				09/06/23 19:31	09/08/23 13:21	20
M2-6:2 FTS	118		25 - 150				09/06/23 19:31	09/08/23 13:21	20
M2-8:2 FTS	86		25 - 150				09/06/23 19:31	09/08/23 13:21	20

Client Sample ID: MP-02-(279-300)-202308

Lab Sample ID: 320-104400-9

Date Collected: 08/30/23 08:55

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.5		5.2	2.5	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluoropentanoic acid (PFPeA)	0.56	J	2.1	0.51	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorohexanoic acid (PFHxA)	0.82	J	2.1	0.61	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluoroheptanoic acid (PFHpA)	<0.26		2.1	0.26	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorooctanoic acid (PFOA)	1.0	J	2.1	0.89	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorononanoic acid (PFNA)	<0.28		2.1	0.28	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorodecanoic acid (PFDA)	<0.32		2.1	0.32	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.1	1.1	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorododecanoic acid (PFDoA)	<0.57		2.1	0.57	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.1	1.4	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorotetradecanoic acid (PFTTeA)	<0.76		2.1	0.76	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.21		2.1	0.21	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.1	0.31	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.60		2.1	0.60	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.56		2.1	0.56	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorononanesulfonic acid (PFNS)	<0.39		2.1	0.39	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.1	0.33	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		09/06/23 19:31	09/07/23 16:07	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		09/06/23 19:31	09/07/23 16:07	1
NEtFOSA	<0.91		2.1	0.91	ng/L		09/06/23 19:31	09/07/23 16:07	1
NMeFOSA	<0.45		2.1	0.45	ng/L		09/06/23 19:31	09/07/23 16:07	1
NMeFOSAA	<1.3		5.2	1.3	ng/L		09/06/23 19:31	09/07/23 16:07	1
NEtFOSAA	<1.4		5.2	1.4	ng/L		09/06/23 19:31	09/07/23 16:07	1
NMeFOSE	<1.5		4.2	1.5	ng/L		09/06/23 19:31	09/07/23 16:07	1
NEtFOSE	<0.89		2.1	0.89	ng/L		09/06/23 19:31	09/07/23 16:07	1
4:2 FTS	<0.25		2.1	0.25	ng/L		09/06/23 19:31	09/07/23 16:07	1
6:2 FTS	<2.6		5.2	2.6	ng/L		09/06/23 19:31	09/07/23 16:07	1
8:2 FTS	<0.48		2.1	0.48	ng/L		09/06/23 19:31	09/07/23 16:07	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(279-300)-202308

Lab Sample ID: 320-104400-9

Date Collected: 08/30/23 08:55

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.42		2.1	0.42	ng/L		09/06/23 19:31	09/07/23 16:07	1
HFPO-DA (GenX)	<1.6		4.2	1.6	ng/L		09/06/23 19:31	09/07/23 16:07	1
9CI-PF3ONS	<0.25		2.1	0.25	ng/L		09/06/23 19:31	09/07/23 16:07	1
11CI-PF3OUdS	<0.33		2.1	0.33	ng/L		09/06/23 19:31	09/07/23 16:07	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	73		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C5 PFPeA	59		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C2 PFHxA	83		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C4 PFHpA	86		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C4 PFOA	93		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C5 PFNA	89		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C2 PFDA	87		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C2 PFUnA	92		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C2 PFDoA	87		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C2 PFTeDA	97		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C3 PFBS	78		25 - 150				09/06/23 19:31	09/07/23 16:07	1
18O2 PFHxS	88		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C4 PFOS	84		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C8 FOSA	93		10 - 150				09/06/23 19:31	09/07/23 16:07	1
d3-NMeFOSAA	98		25 - 150				09/06/23 19:31	09/07/23 16:07	1
d5-NEtFOSAA	103		25 - 150				09/06/23 19:31	09/07/23 16:07	1
d-N-MeFOSA-M	34		10 - 150				09/06/23 19:31	09/07/23 16:07	1
d-N-EtFOSA-M	74		10 - 150				09/06/23 19:31	09/07/23 16:07	1
d7-N-MeFOSE-M	49		10 - 150				09/06/23 19:31	09/07/23 16:07	1
d9-N-EtFOSE-M	88		10 - 150				09/06/23 19:31	09/07/23 16:07	1
M2-4:2 FTS	95		25 - 150				09/06/23 19:31	09/07/23 16:07	1
M2-6:2 FTS	114		25 - 150				09/06/23 19:31	09/07/23 16:07	1
M2-8:2 FTS	122		25 - 150				09/06/23 19:31	09/07/23 16:07	1
13C3 HFPO-DA	66		25 - 150				09/06/23 19:31	09/07/23 16:07	1

Client Sample ID: MP-02-(253-276)-202308

Lab Sample ID: 320-104400-10

Date Collected: 08/30/23 09:10

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorohexanoic acid (PFHxA)	0.58	J	2.0	0.57	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorooctanoic acid (PFOA)	<0.84		2.0	0.84	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:31	09/07/23 16:17	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(253-276)-202308

Lab Sample ID: 320-104400-10

Date Collected: 08/30/23 09:10

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/06/23 19:31	09/07/23 16:17	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/06/23 19:31	09/07/23 16:17	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/06/23 19:31	09/07/23 16:17	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/06/23 19:31	09/07/23 16:17	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/06/23 19:31	09/07/23 16:17	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/06/23 19:31	09/07/23 16:17	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/06/23 19:31	09/07/23 16:17	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/06/23 19:31	09/07/23 16:17	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/06/23 19:31	09/07/23 16:17	1
6:2 FTS	<2.5		4.9	2.5	ng/L		09/06/23 19:31	09/07/23 16:17	1
8:2 FTS	<0.45		2.0	0.45	ng/L		09/06/23 19:31	09/07/23 16:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/06/23 19:31	09/07/23 16:17	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/06/23 19:31	09/07/23 16:17	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:31	09/07/23 16:17	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/06/23 19:31	09/07/23 16:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C5 PFPeA	61		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C2 PFHxA	82		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C4 PFHpA	87		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C4 PFOA	91		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C5 PFNA	88		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C2 PFDA	86		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C2 PFUnA	88		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C2 PFDoA	85		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C2 PFTeDA	92		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C3 PFBS	81		25 - 150	09/06/23 19:31	09/07/23 16:17	1
18O2 PFHxS	89		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C4 PFOS	85		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C8 FOSA	91		10 - 150	09/06/23 19:31	09/07/23 16:17	1
d3-NMeFOSAA	98		25 - 150	09/06/23 19:31	09/07/23 16:17	1
d5-NEtFOSAA	106		25 - 150	09/06/23 19:31	09/07/23 16:17	1
d-N-MeFOSA-M	45		10 - 150	09/06/23 19:31	09/07/23 16:17	1
d-N-EtFOSA-M	77		10 - 150	09/06/23 19:31	09/07/23 16:17	1
d7-N-MeFOSE-M	62		10 - 150	09/06/23 19:31	09/07/23 16:17	1
d9-N-EtFOSE-M	86		10 - 150	09/06/23 19:31	09/07/23 16:17	1
M2-4:2 FTS	93		25 - 150	09/06/23 19:31	09/07/23 16:17	1
M2-6:2 FTS	104		25 - 150	09/06/23 19:31	09/07/23 16:17	1
M2-8:2 FTS	103		25 - 150	09/06/23 19:31	09/07/23 16:17	1
13C3 HFPO-DA	63		25 - 150	09/06/23 19:31	09/07/23 16:17	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(223-250)-202308

Lab Sample ID: 320-104400-11

Date Collected: 08/30/23 09:20

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<3.0		6.1	3.0	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluoropentanoic acid (PFPeA)	<0.60		2.5	0.60	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorohexanoic acid (PFHxA)	<0.71		2.5	0.71	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluoroheptanoic acid (PFHpA)	<0.31		2.5	0.31	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorooctanoic acid (PFOA)	<1.0		2.5	1.0	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorononanoic acid (PFNA)	<0.33		2.5	0.33	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorodecanoic acid (PFDA)	<0.38		2.5	0.38	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.5	1.4	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.5	0.68	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.5	1.6	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.90		2.5	0.90	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorobutanesulfonic acid (PFBS)	<0.25		2.5	0.25	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.5	0.37	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorohexanesulfonic acid (PFHxS)	<0.70		2.5	0.70	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.5	0.23	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		2.5	0.66	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.5	0.45	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.5	0.39	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 16:28	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 16:28	1
NEtFOSA	<1.1		2.5	1.1	ng/L		09/06/23 19:31	09/07/23 16:28	1
NMeFOSA	<0.53		2.5	0.53	ng/L		09/06/23 19:31	09/07/23 16:28	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/06/23 19:31	09/07/23 16:28	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/06/23 19:31	09/07/23 16:28	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/06/23 19:31	09/07/23 16:28	1
NEtFOSE	<1.0		2.5	1.0	ng/L		09/06/23 19:31	09/07/23 16:28	1
4:2 FTS	<0.30		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 16:28	1
6:2 FTS	<3.1		6.1	3.1	ng/L		09/06/23 19:31	09/07/23 16:28	1
8:2 FTS	<0.57		2.5	0.57	ng/L		09/06/23 19:31	09/07/23 16:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.5	0.49	ng/L		09/06/23 19:31	09/07/23 16:28	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/06/23 19:31	09/07/23 16:28	1
9Cl-PF3ONS	<0.30		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 16:28	1
11Cl-PF3OUdS	<0.39		2.5	0.39	ng/L		09/06/23 19:31	09/07/23 16:28	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	80		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C5 PFPeA	69		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C2 PFHxA	95		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C4 PFHpA	95		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C4 PFOA	100		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C5 PFNA	94		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C2 PFDA	96		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C2 PFUnA	95		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C2 PFDoA	95		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C2 PFTeDA	98		25 - 150				09/06/23 19:31	09/07/23 16:28	1
13C3 PFBS	82		25 - 150				09/06/23 19:31	09/07/23 16:28	1
18O2 PFHxS	96		25 - 150				09/06/23 19:31	09/07/23 16:28	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(223-250)-202308

Lab Sample ID: 320-104400-11

Date Collected: 08/30/23 09:20

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	86		25 - 150	09/06/23 19:31	09/07/23 16:28	1
13C8 FOSA	96		10 - 150	09/06/23 19:31	09/07/23 16:28	1
d3-NMeFOSAA	110		25 - 150	09/06/23 19:31	09/07/23 16:28	1
d5-NEtFOSAA	108		25 - 150	09/06/23 19:31	09/07/23 16:28	1
d-N-MeFOSA-M	77		10 - 150	09/06/23 19:31	09/07/23 16:28	1
d-N-EtFOSA-M	77		10 - 150	09/06/23 19:31	09/07/23 16:28	1
d7-N-MeFOSE-M	92		10 - 150	09/06/23 19:31	09/07/23 16:28	1
d9-N-EtFOSE-M	86		10 - 150	09/06/23 19:31	09/07/23 16:28	1
M2-4:2 FTS	102		25 - 150	09/06/23 19:31	09/07/23 16:28	1
M2-6:2 FTS	116		25 - 150	09/06/23 19:31	09/07/23 16:28	1
M2-8:2 FTS	100		25 - 150	09/06/23 19:31	09/07/23 16:28	1
13C3 HFPO-DA	70		25 - 150	09/06/23 19:31	09/07/23 16:28	1

Client Sample ID: MP-02-(198-220)-202308

Lab Sample ID: 320-104400-12

Date Collected: 08/30/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	34		6.1	2.9	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluoropentanoic acid (PFPeA)	200		2.4	0.59	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorohexanoic acid (PFHxA)	110		2.4	0.70	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluoroheptanoic acid (PFHpA)	40		2.4	0.30	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorooctanoic acid (PFOA)	40		2.4	1.0	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorononanoic acid (PFNA)	3.1		2.4	0.33	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorodecanoic acid (PFDA)	<0.38		2.4	0.38	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorododecanoic acid (PFDoA)	<0.67		2.4	0.67	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.4	1.6	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorotetradecanoic acid (PFTeA)	<0.89		2.4	0.89	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorobutanesulfonic acid (PFBS)	<0.24		2.4	0.24	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.4	0.36	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.70 J		2.4	0.69	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorooctanesulfonic acid (PFOS)	0.99 J		2.4	0.66	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.4	0.45	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.4	0.39	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/06/23 19:31	09/07/23 16:38	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/06/23 19:31	09/07/23 16:38	1
NEtFOSA	<1.1		2.4	1.1	ng/L		09/06/23 19:31	09/07/23 16:38	1
NMeFOSA	<0.52		2.4	0.52	ng/L		09/06/23 19:31	09/07/23 16:38	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/06/23 19:31	09/07/23 16:38	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/06/23 19:31	09/07/23 16:38	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/06/23 19:31	09/07/23 16:38	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/06/23 19:31	09/07/23 16:38	1
4:2 FTS	6.6		2.4	0.29	ng/L		09/06/23 19:31	09/07/23 16:38	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(198-220)-202308

Lab Sample ID: 320-104400-12

Date Collected: 08/30/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	26		2.4	0.56	ng/L		09/06/23 19:31	09/07/23 16:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.4	0.49	ng/L		09/06/23 19:31	09/07/23 16:38	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/06/23 19:31	09/07/23 16:38	1
9CI-PF3ONS	<0.29		2.4	0.29	ng/L		09/06/23 19:31	09/07/23 16:38	1
11CI-PF3OUdS	<0.39		2.4	0.39	ng/L		09/06/23 19:31	09/07/23 16:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C5 PFPeA	68		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C2 PFHxA	99		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C4 PFHpA	93		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C4 PFOA	100		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C5 PFNA	96		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C2 PFDA	106		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C2 PFUnA	99		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C2 PFDoA	102		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C2 PFTeDA	96		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C3 PFBS	89		25 - 150				09/06/23 19:31	09/07/23 16:38	1
18O2 PFHxS	99		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C4 PFOS	96		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C8 FOSA	104		10 - 150				09/06/23 19:31	09/07/23 16:38	1
d3-NMeFOSAA	116		25 - 150				09/06/23 19:31	09/07/23 16:38	1
d5-NEtFOSAA	109		25 - 150				09/06/23 19:31	09/07/23 16:38	1
d-N-MeFOSA-M	81		10 - 150				09/06/23 19:31	09/07/23 16:38	1
d-N-EtFOSA-M	81		10 - 150				09/06/23 19:31	09/07/23 16:38	1
d7-N-MeFOSE-M	103		10 - 150				09/06/23 19:31	09/07/23 16:38	1
d9-N-EtFOSE-M	97		10 - 150				09/06/23 19:31	09/07/23 16:38	1
M2-4:2 FTS	96		25 - 150				09/06/23 19:31	09/07/23 16:38	1
M2-8:2 FTS	101		25 - 150				09/06/23 19:31	09/07/23 16:38	1
13C3 HFPO-DA	75		25 - 150				09/06/23 19:31	09/07/23 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	560		30	15	ng/L		09/06/23 19:31	09/08/23 13:00	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
M2-6:2 FTS	128		25 - 150				09/06/23 19:31	09/08/23 13:00	5

Client Sample ID: MP-02-(153-195)-202308

Lab Sample ID: 320-104400-13

Date Collected: 08/30/23 09:40

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	72		5.4	2.6	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluoropentanoic acid (PFPeA)	310		2.2	0.53	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorohexanoic acid (PFHxA)	200		2.2	0.63	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluoroheptanoic acid (PFHpA)	92		2.2	0.27	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorooctanoic acid (PFOA)	98		2.2	0.92	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorononanoic acid (PFNA)	10		2.2	0.29	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorodecanoic acid (PFDA)	2.1	J	2.2	0.34	ng/L		09/06/23 19:31	09/07/23 16:48	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(153-195)-202308

Lab Sample ID: 320-104400-13

Date Collected: 08/30/23 09:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorotridecanoic acid (PFTrDA)	<1.4		2.2	1.4	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.79		2.2	0.79	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorobutanesulfonic acid (PFBS)	0.49	J	2.2	0.22	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.32		2.2	0.32	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	2.2	0.62	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorooctanesulfonic acid (PFOS)	3.3		2.2	0.58	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorononanesulfonic acid (PFNS)	<0.40		2.2	0.40	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/06/23 19:31	09/07/23 16:48	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/06/23 19:31	09/07/23 16:48	1
NEtFOSA	<0.94		2.2	0.94	ng/L		09/06/23 19:31	09/07/23 16:48	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/06/23 19:31	09/07/23 16:48	1
NMeFOSAA	<1.3		5.4	1.3	ng/L		09/06/23 19:31	09/07/23 16:48	1
NEtFOSAA	<1.4		5.4	1.4	ng/L		09/06/23 19:31	09/07/23 16:48	1
NMeFOSE	<1.5		4.3	1.5	ng/L		09/06/23 19:31	09/07/23 16:48	1
NEtFOSE	<0.92		2.2	0.92	ng/L		09/06/23 19:31	09/07/23 16:48	1
4:2 FTS	4.1		2.2	0.26	ng/L		09/06/23 19:31	09/07/23 16:48	1
8:2 FTS	260		2.2	0.50	ng/L		09/06/23 19:31	09/07/23 16:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43		2.2	0.43	ng/L		09/06/23 19:31	09/07/23 16:48	1
HFPO-DA (GenX)	<1.6		4.3	1.6	ng/L		09/06/23 19:31	09/07/23 16:48	1
9CI-PF3ONS	<0.26		2.2	0.26	ng/L		09/06/23 19:31	09/07/23 16:48	1
11CI-PF3OUdS	<0.35		2.2	0.35	ng/L		09/06/23 19:31	09/07/23 16:48	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	73		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C5 PFPeA	64		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C2 PFHxA	83		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C4 PFHpA	91		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C4 PFOA	89		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C5 PFNA	87		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C2 PFDA	94		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C2 PFUnA	87		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C2 PFDoA	91		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C2 PFTeDA	92		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C3 PFBS	75		25 - 150				09/06/23 19:31	09/07/23 16:48	1
18O2 PFHxS	92		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C4 PFOS	89		25 - 150				09/06/23 19:31	09/07/23 16:48	1
13C8 FOSA	91		10 - 150				09/06/23 19:31	09/07/23 16:48	1
d3-NMeFOSAA	99		25 - 150				09/06/23 19:31	09/07/23 16:48	1
d5-NEtFOSAA	108		25 - 150				09/06/23 19:31	09/07/23 16:48	1
d-N-MeFOSA-M	69		10 - 150				09/06/23 19:31	09/07/23 16:48	1
d-N-EtFOSA-M	75		10 - 150				09/06/23 19:31	09/07/23 16:48	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(153-195)-202308

Lab Sample ID: 320-104400-13

Date Collected: 08/30/23 09:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d7-N-MeFOSE-M	91		10 - 150	09/06/23 19:31	09/07/23 16:48	1
d9-N-EtFOSE-M	89		10 - 150	09/06/23 19:31	09/07/23 16:48	1
M2-4:2 FTS	91		25 - 150	09/06/23 19:31	09/07/23 16:48	1
M2-8:2 FTS	96		25 - 150	09/06/23 19:31	09/07/23 16:48	1
13C3 HFPO-DA	66		25 - 150	09/06/23 19:31	09/07/23 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	1300		54	27	ng/L		09/06/23 19:31	09/12/23 21:08	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	83		25 - 150	09/06/23 19:31	09/12/23 21:08	10

Client Sample ID: MP-03-(280-300)-202308

Lab Sample ID: 320-104400-14

Date Collected: 08/29/23 15:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<3.0		6.2	3.0	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluoropentanoic acid (PFPeA)	<0.60		2.5	0.60	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorohexanoic acid (PFHxA)	<0.72		2.5	0.72	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluoroheptanoic acid (PFHpA)	<0.31		2.5	0.31	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorooctanoic acid (PFOA)	<1.0		2.5	1.0	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorononanoic acid (PFNA)	<0.33		2.5	0.33	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorodecanoic acid (PFDA)	<0.38		2.5	0.38	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.5	1.4	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.5	0.68	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.5	1.6	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorotetradecanoic acid (PFTeA)	<0.90		2.5	0.90	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorobutanesulfonic acid (PFBS)	<0.25		2.5	0.25	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.5	0.37	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorohexanesulfonic acid (PFHxS)	<0.70		2.5	0.70	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.5	0.23	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorooctanesulfonic acid (PFOS)	<0.67		2.5	0.67	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorononanesulfonic acid (PFNS)	<0.46		2.5	0.46	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.5	0.39	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 16:58	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.5	1.2	ng/L		09/06/23 19:31	09/07/23 16:58	1
NEtFOSA	<1.1		2.5	1.1	ng/L		09/06/23 19:31	09/07/23 16:58	1
NMeFOSA	<0.53		2.5	0.53	ng/L		09/06/23 19:31	09/07/23 16:58	1
NMeFOSAA	<1.5		6.2	1.5	ng/L		09/06/23 19:31	09/07/23 16:58	1
NEtFOSAA	<1.6		6.2	1.6	ng/L		09/06/23 19:31	09/07/23 16:58	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/06/23 19:31	09/07/23 16:58	1
NEtFOSE	<1.0		2.5	1.0	ng/L		09/06/23 19:31	09/07/23 16:58	1
4:2 FTS	<0.30		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 16:58	1
6:2 FTS	<3.1		6.2	3.1	ng/L		09/06/23 19:31	09/07/23 16:58	1
8:2 FTS	<0.57		2.5	0.57	ng/L		09/06/23 19:31	09/07/23 16:58	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(280-300)-202308

Lab Sample ID: 320-104400-14

Date Collected: 08/29/23 15:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.5	0.49	ng/L		09/06/23 19:31	09/07/23 16:58	1
HFPO-DA (GenX)	<1.9		4.9	1.9	ng/L		09/06/23 19:31	09/07/23 16:58	1
9CI-PF3ONS	<0.30		2.5	0.30	ng/L		09/06/23 19:31	09/07/23 16:58	1
11CI-PF3OUdS	<0.39		2.5	0.39	ng/L		09/06/23 19:31	09/07/23 16:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C5 PFPeA	69		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C2 PFHxA	89		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C4 PFHpA	88		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C4 PFOA	96		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C5 PFNA	93		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C2 PFDA	94		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C2 PFUnA	90		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C2 PFDoA	91		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C2 PFTeDA	84		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C3 PFBS	86		25 - 150				09/06/23 19:31	09/07/23 16:58	1
18O2 PFHxS	94		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C4 PFOS	83		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C8 FOSA	96		10 - 150				09/06/23 19:31	09/07/23 16:58	1
d3-NMeFOSAA	110		25 - 150				09/06/23 19:31	09/07/23 16:58	1
d5-NEtFOSAA	103		25 - 150				09/06/23 19:31	09/07/23 16:58	1
d-N-MeFOSA-M	73		10 - 150				09/06/23 19:31	09/07/23 16:58	1
d-N-EtFOSA-M	73		10 - 150				09/06/23 19:31	09/07/23 16:58	1
d7-N-MeFOSE-M	88		10 - 150				09/06/23 19:31	09/07/23 16:58	1
d9-N-EtFOSE-M	83		10 - 150				09/06/23 19:31	09/07/23 16:58	1
M2-4:2 FTS	93		25 - 150				09/06/23 19:31	09/07/23 16:58	1
M2-6:2 FTS	117		25 - 150				09/06/23 19:31	09/07/23 16:58	1
M2-8:2 FTS	100		25 - 150				09/06/23 19:31	09/07/23 16:58	1
13C3 HFPO-DA	66		25 - 150				09/06/23 19:31	09/07/23 16:58	1

Client Sample ID: MP-03-(245-277)-202308

Lab Sample ID: 320-104400-15

Date Collected: 08/29/23 15:25

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.9		6.1	2.9	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluoropentanoic acid (PFPeA)	<0.60		2.4	0.60	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorohexanoic acid (PFHxA)	<0.71		2.4	0.71	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluoroheptanoic acid (PFHpA)	<0.30		2.4	0.30	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorooctanoic acid (PFOA)	<1.0		2.4	1.0	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorononanoic acid (PFNA)	<0.33		2.4	0.33	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorodecanoic acid (PFDA)	<0.38		2.4	0.38	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorododecanoic acid (PFDoA)	<0.67		2.4	0.67	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorotridecanoic acid (PFTTrDA)	<1.6		2.4	1.6	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorotetradecanoic acid (PFTeA)	<0.89		2.4	0.89	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorobutanesulfonic acid (PFBS)	<0.24		2.4	0.24	ng/L		09/06/23 19:31	09/07/23 17:29	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(245-277)-202308

Lab Sample ID: 320-104400-15

Date Collected: 08/29/23 15:25

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.4	0.36	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorohexanesulfonic acid (PFHxS)	<0.69		2.4	0.69	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		2.4	0.66	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.4	0.45	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.4	0.39	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/06/23 19:31	09/07/23 17:29	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/06/23 19:31	09/07/23 17:29	1
NEtFOSA	<1.1		2.4	1.1	ng/L		09/06/23 19:31	09/07/23 17:29	1
NMeFOSA	<0.52		2.4	0.52	ng/L		09/06/23 19:31	09/07/23 17:29	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/06/23 19:31	09/07/23 17:29	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/06/23 19:31	09/07/23 17:29	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/06/23 19:31	09/07/23 17:29	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/06/23 19:31	09/07/23 17:29	1
4:2 FTS	<0.29		2.4	0.29	ng/L		09/06/23 19:31	09/07/23 17:29	1
6:2 FTS	<3.0		6.1	3.0	ng/L		09/06/23 19:31	09/07/23 17:29	1
8:2 FTS	<0.56		2.4	0.56	ng/L		09/06/23 19:31	09/07/23 17:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.4	0.49	ng/L		09/06/23 19:31	09/07/23 17:29	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/06/23 19:31	09/07/23 17:29	1
9CI-PF3ONS	<0.29		2.4	0.29	ng/L		09/06/23 19:31	09/07/23 17:29	1
11CI-PF3OUdS	<0.39		2.4	0.39	ng/L		09/06/23 19:31	09/07/23 17:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C5 PFPeA	71		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C2 PFHxA	99		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C4 PFHpA	101		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C4 PFOA	103		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C5 PFNA	98		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C2 PFDA	105		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C2 PFUnA	98		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C2 PFDoA	104		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C2 PFTeDA	100		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C3 PFBS	93		25 - 150	09/06/23 19:31	09/07/23 17:29	1
18O2 PFHxS	103		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C4 PFOS	93		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C8 FOSA	109		10 - 150	09/06/23 19:31	09/07/23 17:29	1
d3-NMeFOSAA	111		25 - 150	09/06/23 19:31	09/07/23 17:29	1
d5-NEtFOSAA	113		25 - 150	09/06/23 19:31	09/07/23 17:29	1
d-N-MeFOSA-M	82		10 - 150	09/06/23 19:31	09/07/23 17:29	1
d-N-EtFOSA-M	87		10 - 150	09/06/23 19:31	09/07/23 17:29	1
d7-N-MeFOSE-M	96		10 - 150	09/06/23 19:31	09/07/23 17:29	1
d9-N-EtFOSE-M	96		10 - 150	09/06/23 19:31	09/07/23 17:29	1
M2-4:2 FTS	108		25 - 150	09/06/23 19:31	09/07/23 17:29	1
M2-6:2 FTS	121		25 - 150	09/06/23 19:31	09/07/23 17:29	1
M2-8:2 FTS	117		25 - 150	09/06/23 19:31	09/07/23 17:29	1
13C3 HFPO-DA	73		25 - 150	09/06/23 19:31	09/07/23 17:29	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(220-242)-202308

Lab Sample ID: 320-104400-16

Date Collected: 08/29/23 15:40

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<3.0		6.2	3.0	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluoropentanoic acid (PFPeA)	<0.61		2.5	0.61	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorohexanoic acid (PFHxA)	0.91	J	2.5	0.72	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluoroheptanoic acid (PFHpA)	<0.31		2.5	0.31	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorooctanoic acid (PFOA)	<1.1		2.5	1.1	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorononanoic acid (PFNA)	<0.33		2.5	0.33	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorodecanoic acid (PFDA)	<0.38		2.5	0.38	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.5	1.4	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.5	0.68	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.5	1.6	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorotetradecanoic acid (PFTeA)	<0.90		2.5	0.90	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorobutanesulfonic acid (PFBS)	<0.25		2.5	0.25	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.5	0.37	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorohexanesulfonic acid (PFHxS)	<0.71		2.5	0.71	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.24		2.5	0.24	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorooctanesulfonic acid (PFOS)	<0.67		2.5	0.67	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorononanesulfonic acid (PFNS)	<0.46		2.5	0.46	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorodecanesulfonic acid (PFDS)	<0.40		2.5	0.40	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.5	1.2	ng/L		09/11/23 19:09	09/13/23 10:35	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.5	1.2	ng/L		09/11/23 19:09	09/13/23 10:35	1
NEtFOSA	<1.1		2.5	1.1	ng/L		09/11/23 19:09	09/13/23 10:35	1
NMeFOSA	<0.53		2.5	0.53	ng/L		09/11/23 19:09	09/13/23 10:35	1
NMeFOSAA	<1.5		6.2	1.5	ng/L		09/11/23 19:09	09/13/23 10:35	1
NEtFOSAA	<1.6		6.2	1.6	ng/L		09/11/23 19:09	09/13/23 10:35	1
NMeFOSE	<1.7		5.0	1.7	ng/L		09/11/23 19:09	09/13/23 10:35	1
NEtFOSE	<1.1		2.5	1.1	ng/L		09/11/23 19:09	09/13/23 10:35	1
4:2 FTS	<0.30		2.5	0.30	ng/L		09/11/23 19:09	09/13/23 10:35	1
6:2 FTS	<3.1		6.2	3.1	ng/L		09/11/23 19:09	09/13/23 10:35	1
8:2 FTS	<0.57		2.5	0.57	ng/L		09/11/23 19:09	09/13/23 10:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.50		2.5	0.50	ng/L		09/11/23 19:09	09/13/23 10:35	1
HFPO-DA (GenX)	<1.9		5.0	1.9	ng/L		09/11/23 19:09	09/13/23 10:35	1
9Cl-PF3ONS	<0.30		2.5	0.30	ng/L		09/11/23 19:09	09/13/23 10:35	1
11Cl-PF3OUdS	<0.40		2.5	0.40	ng/L		09/11/23 19:09	09/13/23 10:35	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C5 PFPeA	88		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C2 PFHxA	79		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C4 PFHpA	95		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C4 PFOA	97		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C5 PFNA	96		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C2 PFDA	85		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C2 PFUnA	87		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C2 PFDoA	98		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C2 PFTeDA	89		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C3 PFBS	84		25 - 150	09/11/23 19:09	09/13/23 10:35	1
18O2 PFHxS	94		25 - 150	09/11/23 19:09	09/13/23 10:35	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(220-242)-202308

Lab Sample ID: 320-104400-16

Date Collected: 08/29/23 15:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	92		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C8 FOSA	96		10 - 150	09/11/23 19:09	09/13/23 10:35	1
d3-NMeFOSAA	77		25 - 150	09/11/23 19:09	09/13/23 10:35	1
d5-NEtFOSAA	74		25 - 150	09/11/23 19:09	09/13/23 10:35	1
d-N-MeFOSA-M	72		10 - 150	09/11/23 19:09	09/13/23 10:35	1
d-N-EtFOSA-M	85		10 - 150	09/11/23 19:09	09/13/23 10:35	1
d7-N-MeFOSE-M	79		10 - 150	09/11/23 19:09	09/13/23 10:35	1
d9-N-EtFOSE-M	78		10 - 150	09/11/23 19:09	09/13/23 10:35	1
M2-4:2 FTS	71		25 - 150	09/11/23 19:09	09/13/23 10:35	1
M2-6:2 FTS	95		25 - 150	09/11/23 19:09	09/13/23 10:35	1
M2-8:2 FTS	109		25 - 150	09/11/23 19:09	09/13/23 10:35	1
13C3 HFPO-DA	92		25 - 150	09/11/23 19:09	09/13/23 10:35	1

Client Sample ID: MP-03-(190-217)-202308

Lab Sample ID: 320-104400-17

Date Collected: 08/29/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.7		5.7	2.7	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluoropentanoic acid (PFPeA)	2.9		2.3	0.56	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorohexanoic acid (PFHxA)	2.6		2.3	0.66	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluoroheptanoic acid (PFHpA)	0.96	J	2.3	0.29	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorooctanoic acid (PFOA)	1.1	J	2.3	0.97	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorononanoic acid (PFNA)	<0.31		2.3	0.31	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorodecanoic acid (PFDA)	<0.36		2.3	0.36	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.3	1.3	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorododecanoic acid (PFDoA)	<0.63		2.3	0.63	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorotridecanoic acid (PFTrDA)	<1.5		2.3	1.5	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorotetradecanoic acid (PFTeA)	<0.84		2.3	0.84	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorobutanesulfonic acid (PFBS)	<0.23		2.3	0.23	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.3	0.34	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorohexanesulfonic acid (PFHxS)	<0.65		2.3	0.65	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.22		2.3	0.22	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorooctanesulfonic acid (PFOS)	<0.62		2.3	0.62	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorononanesulfonic acid (PFNS)	<0.42		2.3	0.42	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorodecanesulfonic acid (PFDS)	<0.37		2.3	0.37	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.3	1.1	ng/L		09/11/23 19:09	09/13/23 10:46	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.3	1.1	ng/L		09/11/23 19:09	09/13/23 10:46	1
NEtFOSA	<1.0		2.3	1.0	ng/L		09/11/23 19:09	09/13/23 10:46	1
NMeFOSA	<0.49		2.3	0.49	ng/L		09/11/23 19:09	09/13/23 10:46	1
NMeFOSAA	<1.4		5.7	1.4	ng/L		09/11/23 19:09	09/13/23 10:46	1
NEtFOSAA	<1.5		5.7	1.5	ng/L		09/11/23 19:09	09/13/23 10:46	1
NMeFOSE	<1.6		4.6	1.6	ng/L		09/11/23 19:09	09/13/23 10:46	1
NEtFOSE	<0.97		2.3	0.97	ng/L		09/11/23 19:09	09/13/23 10:46	1
4:2 FTS	<0.27		2.3	0.27	ng/L		09/11/23 19:09	09/13/23 10:46	1
6:2 FTS	13		5.7	2.9	ng/L		09/11/23 19:09	09/13/23 10:46	1
8:2 FTS	0.80	J	2.3	0.53	ng/L		09/11/23 19:09	09/13/23 10:46	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(190-217)-202308

Lab Sample ID: 320-104400-17

Date Collected: 08/29/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46		2.3	0.46	ng/L		09/11/23 19:09	09/13/23 10:46	1
HFPO-DA (GenX)	<1.7		4.6	1.7	ng/L		09/11/23 19:09	09/13/23 10:46	1
9CI-PF3ONS	<0.27		2.3	0.27	ng/L		09/11/23 19:09	09/13/23 10:46	1
11CI-PF3OUdS	<0.37		2.3	0.37	ng/L		09/11/23 19:09	09/13/23 10:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C5 PFPeA	94		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C2 PFHxA	90		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C4 PFHpA	98		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C4 PFOA	101		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C5 PFNA	106		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C2 PFDA	98		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C2 PFUnA	94		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C2 PFDoA	100		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C2 PFTeDA	96		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C3 PFBS	97		25 - 150				09/11/23 19:09	09/13/23 10:46	1
18O2 PFHxS	93		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C4 PFOS	104		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C8 FOSA	104		10 - 150				09/11/23 19:09	09/13/23 10:46	1
d3-NMeFOSAA	76		25 - 150				09/11/23 19:09	09/13/23 10:46	1
d5-NEtFOSAA	84		25 - 150				09/11/23 19:09	09/13/23 10:46	1
d-N-MeFOSA-M	77		10 - 150				09/11/23 19:09	09/13/23 10:46	1
d-N-EtFOSA-M	91		10 - 150				09/11/23 19:09	09/13/23 10:46	1
d7-N-MeFOSE-M	77		10 - 150				09/11/23 19:09	09/13/23 10:46	1
d9-N-EtFOSE-M	81		10 - 150				09/11/23 19:09	09/13/23 10:46	1
M2-4:2 FTS	86		25 - 150				09/11/23 19:09	09/13/23 10:46	1
M2-6:2 FTS	102		25 - 150				09/11/23 19:09	09/13/23 10:46	1
M2-8:2 FTS	112		25 - 150				09/11/23 19:09	09/13/23 10:46	1
13C3 HFPO-DA	89		25 - 150				09/11/23 19:09	09/13/23 10:46	1

Client Sample ID: MP-03-(160-187)-202308

Lab Sample ID: 320-104400-18

Date Collected: 08/29/23 16:20

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	19		5.5	2.6	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluoropentanoic acid (PFPeA)	84		2.2	0.54	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorohexanoic acid (PFHxA)	60		2.2	0.64	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluoroheptanoic acid (PFHpA)	18		2.2	0.27	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorooctanoic acid (PFOA)	16		2.2	0.93	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorononanoic acid (PFNA)	1.4 J		2.2	0.30	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorodecanoic acid (PFDA)	<0.34		2.2	0.34	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.2	1.4	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorotetradecanoic acid (PFTeA)	<0.80		2.2	0.80	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorobutanesulfonic acid (PFBS)	<0.22		2.2	0.22	ng/L		09/11/23 19:09	09/13/23 10:58	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(160-187)-202308

Lab Sample ID: 320-104400-18

Date Collected: 08/29/23 16:20

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.33		2.2	0.33	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorohexanesulfonic acid (PFHxS)	<0.63		2.2	0.63	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorooctanesulfonic acid (PFOS)	1.0	J	2.2	0.59	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorononanesulfonic acid (PFNS)	<0.41		2.2	0.41	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 10:58	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 10:58	1
NEtFOSA	<0.95		2.2	0.95	ng/L		09/11/23 19:09	09/13/23 10:58	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/11/23 19:09	09/13/23 10:58	1
NMeFOSAA	<1.3		5.5	1.3	ng/L		09/11/23 19:09	09/13/23 10:58	1
NEtFOSAA	<1.4		5.5	1.4	ng/L		09/11/23 19:09	09/13/23 10:58	1
NMeFOSE	<1.5		4.4	1.5	ng/L		09/11/23 19:09	09/13/23 10:58	1
NEtFOSE	<0.93		2.2	0.93	ng/L		09/11/23 19:09	09/13/23 10:58	1
4:2 FTS	0.76	J	2.2	0.26	ng/L		09/11/23 19:09	09/13/23 10:58	1
6:2 FTS	150		5.5	2.7	ng/L		09/11/23 19:09	09/13/23 10:58	1
8:2 FTS	11		2.2	0.50	ng/L		09/11/23 19:09	09/13/23 10:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44		2.2	0.44	ng/L		09/11/23 19:09	09/13/23 10:58	1
HFPO-DA (GenX)	<1.6		4.4	1.6	ng/L		09/11/23 19:09	09/13/23 10:58	1
9Cl-PF3ONS	<0.26		2.2	0.26	ng/L		09/11/23 19:09	09/13/23 10:58	1
11Cl-PF3OUdS	<0.35		2.2	0.35	ng/L		09/11/23 19:09	09/13/23 10:58	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C5 PFPeA	91		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C2 PFHxA	80		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C4 PFHpA	89		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C4 PFOA	97		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C5 PFNA	97		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C2 PFDA	92		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C2 PFUnA	86		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C2 PFDoA	96		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C2 PFTeDA	96		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C3 PFBS	82		25 - 150	09/11/23 19:09	09/13/23 10:58	1
18O2 PFHxS	91		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C4 PFOS	93		25 - 150	09/11/23 19:09	09/13/23 10:58	1
13C8 FOSA	98		10 - 150	09/11/23 19:09	09/13/23 10:58	1
d3-NMeFOSAA	67		25 - 150	09/11/23 19:09	09/13/23 10:58	1
d5-NEtFOSAA	74		25 - 150	09/11/23 19:09	09/13/23 10:58	1
d-N-MeFOSA-M	75		10 - 150	09/11/23 19:09	09/13/23 10:58	1
d-N-EtFOSA-M	82		10 - 150	09/11/23 19:09	09/13/23 10:58	1
d7-N-MeFOSE-M	75		10 - 150	09/11/23 19:09	09/13/23 10:58	1
d9-N-EtFOSE-M	79		10 - 150	09/11/23 19:09	09/13/23 10:58	1
M2-4:2 FTS	89		25 - 150	09/11/23 19:09	09/13/23 10:58	1
M2-6:2 FTS	89		25 - 150	09/11/23 19:09	09/13/23 10:58	1
M2-8:2 FTS	90		25 - 150	09/11/23 19:09	09/13/23 10:58	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(160-187)-202308

Lab Sample ID: 320-104400-18

Date Collected: 08/29/23 16:20

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
¹³ C3 HFPO-DA	83		25 - 150	09/11/23 19:09	09/13/23 10:58	1

Client Sample ID: MP-03-(120-157)-202308

Lab Sample ID: 320-104400-19

Date Collected: 08/29/23 16:35

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	20		5.4	2.6	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluoropentanoic acid (PFPeA)	31		2.2	0.53	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorohexanoic acid (PFHxA)	17		2.2	0.63	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluoroheptanoic acid (PFHpA)	12		2.2	0.27	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorooctanoic acid (PFOA)	8.9		2.2	0.92	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorononanoic acid (PFNA)	0.56	J	2.2	0.29	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorodecanoic acid (PFDA)	<0.34		2.2	0.34	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.2	1.4	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorotetradecanoic acid (PFTeA)	<0.79		2.2	0.79	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorobutanesulfonic acid (PFBS)	0.59	J	2.2	0.22	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluoropentanesulfonic acid (PFPeS)	<0.33		2.2	0.33	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorohexanesulfonic acid (PFHxS)	<0.62		2.2	0.62	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorooctanesulfonic acid (PFOS)	4.7	I	2.2	0.59	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorononanesulfonic acid (PFNS)	<0.40		2.2	0.40	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 11:09	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 11:09	1
NEtFOSA	<0.94		2.2	0.94	ng/L		09/11/23 19:09	09/13/23 11:09	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/11/23 19:09	09/13/23 11:09	1
NMeFOSAA	<1.3		5.4	1.3	ng/L		09/11/23 19:09	09/13/23 11:09	1
NEtFOSAA	<1.4		5.4	1.4	ng/L		09/11/23 19:09	09/13/23 11:09	1
NMeFOSE	<1.5		4.3	1.5	ng/L		09/11/23 19:09	09/13/23 11:09	1
NEtFOSE	<0.92		2.2	0.92	ng/L		09/11/23 19:09	09/13/23 11:09	1
4:2 FTS	<0.26		2.2	0.26	ng/L		09/11/23 19:09	09/13/23 11:09	1
6:2 FTS	<2.7		5.4	2.7	ng/L		09/11/23 19:09	09/13/23 11:09	1
8:2 FTS	<0.50		2.2	0.50	ng/L		09/11/23 19:09	09/13/23 11:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43		2.2	0.43	ng/L		09/11/23 19:09	09/13/23 11:09	1
HFPO-DA (GenX)	<1.6		4.3	1.6	ng/L		09/11/23 19:09	09/13/23 11:09	1
9CI-PF3ONS	<0.26		2.2	0.26	ng/L		09/11/23 19:09	09/13/23 11:09	1
11CI-PF3OUdS	<0.35		2.2	0.35	ng/L		09/11/23 19:09	09/13/23 11:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
¹³ C4 PFBA	82		25 - 150				09/11/23 19:09	09/13/23 11:09	1
¹³ C5 PFPeA	84		25 - 150				09/11/23 19:09	09/13/23 11:09	1
¹³ C2 PFHxA	81		25 - 150				09/11/23 19:09	09/13/23 11:09	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(120-157)-202308

Lab Sample ID: 320-104400-19

Date Collected: 08/29/23 16:35

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	94		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C4 PFOA	96		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C5 PFNA	101		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C2 PFDA	85		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C2 PFUnA	87		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C2 PFDoA	87		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C2 PFTeDA	78		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C3 PFBS	85		25 - 150	09/11/23 19:09	09/13/23 11:09	1
18O2 PFHxS	88		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C4 PFOS	93		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C8 FOSA	94		10 - 150	09/11/23 19:09	09/13/23 11:09	1
d3-NMeFOSAA	57		25 - 150	09/11/23 19:09	09/13/23 11:09	1
d5-NEtFOSAA	70		25 - 150	09/11/23 19:09	09/13/23 11:09	1
d-N-MeFOSA-M	43		10 - 150	09/11/23 19:09	09/13/23 11:09	1
d-N-EtFOSA-M	79		10 - 150	09/11/23 19:09	09/13/23 11:09	1
d7-N-MeFOSE-M	56		10 - 150	09/11/23 19:09	09/13/23 11:09	1
d9-N-EtFOSE-M	83		10 - 150	09/11/23 19:09	09/13/23 11:09	1
M2-4:2 FTS	77		25 - 150	09/11/23 19:09	09/13/23 11:09	1
M2-6:2 FTS	91		25 - 150	09/11/23 19:09	09/13/23 11:09	1
M2-8:2 FTS	128		25 - 150	09/11/23 19:09	09/13/23 11:09	1
13C3 HFPO-DA	83		25 - 150	09/11/23 19:09	09/13/23 11:09	1

Client Sample ID: MP-03-(083-117)-202308

Lab Sample ID: 320-104400-20

Date Collected: 08/29/23 16:45

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	31		5.6	2.7	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluoropentanoic acid (PFPeA)	45		2.2	0.55	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorohexanoic acid (PFHxA)	25		2.2	0.65	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluoroheptanoic acid (PFHpA)	33		2.2	0.28	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorooctanoic acid (PFOA)	18		2.2	0.95	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorononanoic acid (PFNA)	1.2	J	2.2	0.30	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorodecanoic acid (PFDA)	<0.35		2.2	0.35	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorododecanoic acid (PFDoA)	<0.62		2.2	0.62	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorotridecanoic acid (PFTTrDA)	<1.5		2.2	1.5	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorotetradecanoic acid (PFTeA)	<0.82		2.2	0.82	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorobutanesulfonic acid (PFBS)	0.73	J	2.2	0.22	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.2	0.34	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorohexanesulfonic acid (PFHxS)	0.67	J	2.2	0.64	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorooctanesulfonic acid (PFOS)	4.2	I	2.2	0.60	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorononanesulfonic acid (PFNS)	<0.41		2.2	0.41	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorodecanesulfonic acid (PFDS)	<0.36		2.2	0.36	ng/L		09/11/23 19:09	09/13/23 11:20	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(083-117)-202308

Lab Sample ID: 320-104400-20

Date Collected: 08/29/23 16:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 11:20	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 19:09	09/13/23 11:20	1
NEtFOSA	<0.97		2.2	0.97	ng/L		09/11/23 19:09	09/13/23 11:20	1
NMeFOSA	<0.48		2.2	0.48	ng/L		09/11/23 19:09	09/13/23 11:20	1
NMeFOSAA	<1.3		5.6	1.3	ng/L		09/11/23 19:09	09/13/23 11:20	1
NEtFOSAA	<1.5		5.6	1.5	ng/L		09/11/23 19:09	09/13/23 11:20	1
NMeFOSE	<1.6		4.5	1.6	ng/L		09/11/23 19:09	09/13/23 11:20	1
NEtFOSE	<0.95		2.2	0.95	ng/L		09/11/23 19:09	09/13/23 11:20	1
4:2 FTS	<0.27		2.2	0.27	ng/L		09/11/23 19:09	09/13/23 11:20	1
6:2 FTS	3.2	J	5.6	2.8	ng/L		09/11/23 19:09	09/13/23 11:20	1
8:2 FTS	4.2		2.2	0.51	ng/L		09/11/23 19:09	09/13/23 11:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.45		2.2	0.45	ng/L		09/11/23 19:09	09/13/23 11:20	1
HFPO-DA (GenX)	<1.7		4.5	1.7	ng/L		09/11/23 19:09	09/13/23 11:20	1
9Cl-PF3ONS	<0.27		2.2	0.27	ng/L		09/11/23 19:09	09/13/23 11:20	1
11Cl-PF3OUdS	<0.36		2.2	0.36	ng/L		09/11/23 19:09	09/13/23 11:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	75		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C5 PFPeA	80		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C2 PFHxA	80		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C4 PFHpA	85		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C4 PFOA	91		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C5 PFNA	98		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C2 PFDA	89		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C2 PFUnA	81		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C2 PFDoA	79		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C2 PFTeDA	71		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C3 PFBS	81		25 - 150				09/11/23 19:09	09/13/23 11:20	1
18O2 PFHxS	81		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C4 PFOS	84		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C8 FOSA	86		10 - 150				09/11/23 19:09	09/13/23 11:20	1
d3-NMeFOSAA	57		25 - 150				09/11/23 19:09	09/13/23 11:20	1
d5-NEtFOSAA	70		25 - 150				09/11/23 19:09	09/13/23 11:20	1
d-N-MeFOSA-M	41		10 - 150				09/11/23 19:09	09/13/23 11:20	1
d-N-EtFOSA-M	67		10 - 150				09/11/23 19:09	09/13/23 11:20	1
d7-N-MeFOSE-M	54		10 - 150				09/11/23 19:09	09/13/23 11:20	1
d9-N-EtFOSE-M	70		10 - 150				09/11/23 19:09	09/13/23 11:20	1
M2-4:2 FTS	83		25 - 150				09/11/23 19:09	09/13/23 11:20	1
M2-6:2 FTS	90		25 - 150				09/11/23 19:09	09/13/23 11:20	1
M2-8:2 FTS	104		25 - 150				09/11/23 19:09	09/13/23 11:20	1
13C3 HFPO-DA	76		25 - 150				09/11/23 19:09	09/13/23 11:20	1

Client Sample ID: MP-03-(046-080)-202308

Lab Sample ID: 320-104400-21

Date Collected: 08/29/23 16:55

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	56		6.5	3.1	ng/L		09/11/23 19:09	09/13/23 11:31	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(046-080)-202308

Lab Sample ID: 320-104400-21

Date Collected: 08/29/23 16:55

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	180		2.6	0.64	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorohexanoic acid (PFHxA)	94		2.6	0.76	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluoroheptanoic acid (PFHpA)	92		2.6	0.33	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorooctanoic acid (PFOA)	9.9		2.6	1.1	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorononanoic acid (PFNA)	0.93	J	2.6	0.35	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorodecanoic acid (PFDA)	<0.40		2.6	0.40	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.6	1.4	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorododecanoic acid (PFDoA)	<0.72		2.6	0.72	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorotridecanoic acid (PFTrDA)	<1.7		2.6	1.7	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorotetradecanoic acid (PFTeA)	<0.95		2.6	0.95	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorobutanesulfonic acid (PFBS)	0.60	J	2.6	0.26	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluoropentanesulfonic acid (PFPeS)	<0.39		2.6	0.39	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.74		2.6	0.74	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.25		2.6	0.25	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorooctanesulfonic acid (PFOS)	0.97	J	2.6	0.70	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorononanesulfonic acid (PFNS)	<0.48		2.6	0.48	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorodecanesulfonic acid (PFDS)	<0.42		2.6	0.42	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorododecanesulfonic acid (PFDoS)	<1.3		2.6	1.3	ng/L		09/11/23 19:09	09/13/23 11:31	1
Perfluorooctanesulfonamide (FOSA)	<1.3		2.6	1.3	ng/L		09/11/23 19:09	09/13/23 11:31	1
NEtFOSA	<1.1		2.6	1.1	ng/L		09/11/23 19:09	09/13/23 11:31	1
NMeFOSA	<0.56		2.6	0.56	ng/L		09/11/23 19:09	09/13/23 11:31	1
NMeFOSAA	<1.6		6.5	1.6	ng/L		09/11/23 19:09	09/13/23 11:31	1
NEtFOSAA	<1.7		6.5	1.7	ng/L		09/11/23 19:09	09/13/23 11:31	1
NMeFOSE	<1.8		5.2	1.8	ng/L		09/11/23 19:09	09/13/23 11:31	1
NEtFOSE	<1.1		2.6	1.1	ng/L		09/11/23 19:09	09/13/23 11:31	1
4:2 FTS	<0.31		2.6	0.31	ng/L		09/11/23 19:09	09/13/23 11:31	1
6:2 FTS	<3.3		6.5	3.3	ng/L		09/11/23 19:09	09/13/23 11:31	1
8:2 FTS	<0.60		2.6	0.60	ng/L		09/11/23 19:09	09/13/23 11:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.52		2.6	0.52	ng/L		09/11/23 19:09	09/13/23 11:31	1
HFPO-DA (GenX)	<2.0		5.2	2.0	ng/L		09/11/23 19:09	09/13/23 11:31	1
9Cl-PF3ONS	<0.31		2.6	0.31	ng/L		09/11/23 19:09	09/13/23 11:31	1
11Cl-PF3OUdS	<0.42		2.6	0.42	ng/L		09/11/23 19:09	09/13/23 11:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C5 PFPeA	95		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C2 PFHxA	87		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C4 PFHpA	90		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C4 PFOA	101		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C5 PFNA	106		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C2 PFDA	93		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C2 PFUnA	88		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C2 PFDoA	90		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C2 PFTeDA	90		25 - 150				09/11/23 19:09	09/13/23 11:31	1
13C3 PFBS	86		25 - 150				09/11/23 19:09	09/13/23 11:31	1
18O2 PFHxS	97		25 - 150				09/11/23 19:09	09/13/23 11:31	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(046-080)-202308

Lab Sample ID: 320-104400-21

Date Collected: 08/29/23 16:55

Matrix: Water

Date Received: 08/31/23 10:15

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	98		25 - 150	09/11/23 19:09	09/13/23 11:31	1
13C8 FOSA	100		10 - 150	09/11/23 19:09	09/13/23 11:31	1
d3-NMeFOSAA	73		25 - 150	09/11/23 19:09	09/13/23 11:31	1
d5-NEtFOSAA	80		25 - 150	09/11/23 19:09	09/13/23 11:31	1
d-N-MeFOSA-M	59		10 - 150	09/11/23 19:09	09/13/23 11:31	1
d-N-EtFOSA-M	78		10 - 150	09/11/23 19:09	09/13/23 11:31	1
d7-N-MeFOSE-M	71		10 - 150	09/11/23 19:09	09/13/23 11:31	1
d9-N-EtFOSE-M	79		10 - 150	09/11/23 19:09	09/13/23 11:31	1
M2-4:2 FTS	85		25 - 150	09/11/23 19:09	09/13/23 11:31	1
M2-6:2 FTS	94		25 - 150	09/11/23 19:09	09/13/23 11:31	1
M2-8:2 FTS	125		25 - 150	09/11/23 19:09	09/13/23 11:31	1
13C3 HFPO-DA	88		25 - 150	09/11/23 19:09	09/13/23 11:31	1

Client Sample ID: MP-04-(275-291)-202308

Lab Sample ID: 320-104400-22

Date Collected: 08/28/23 14:40

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Perfluorobutanoic acid (PFBA)	<2.9		6.0	2.9	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluoropentanoic acid (PFPeA)	<0.59		2.4	0.59	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorohexanoic acid (PFHxA)	0.79	J	2.4	0.70	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluoroheptanoic acid (PFHpA)	<0.30		2.4	0.30	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorooctanoic acid (PFOA)	<1.0		2.4	1.0	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorononanoic acid (PFNA)	<0.32		2.4	0.32	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorodecanoic acid (PFDA)	<0.37		2.4	0.37	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorododecanoic acid (PFDoA)	<0.66		2.4	0.66	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.4	1.6	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.88		2.4	0.88	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.24		2.4	0.24	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.4	0.36	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.68		2.4	0.68	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.65		2.4	0.65	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorononanesulfonic acid (PFNS)	<0.44		2.4	0.44	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.38		2.4	0.38	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/11/23 19:09	09/13/23 11:42	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/11/23 19:09	09/13/23 11:42	1
NEtFOSA	<1.0		2.4	1.0	ng/L		09/11/23 19:09	09/13/23 11:42	1
NMeFOSA	<0.52		2.4	0.52	ng/L		09/11/23 19:09	09/13/23 11:42	1
NMeFOSAA	<1.4		6.0	1.4	ng/L		09/11/23 19:09	09/13/23 11:42	1
NEtFOSAA	<1.6		6.0	1.6	ng/L		09/11/23 19:09	09/13/23 11:42	1
NMeFOSE	<1.7		4.8	1.7	ng/L		09/11/23 19:09	09/13/23 11:42	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/11/23 19:09	09/13/23 11:42	1
4:2 FTS	<0.29		2.4	0.29	ng/L		09/11/23 19:09	09/13/23 11:42	1
6:2 FTS	<3.0		6.0	3.0	ng/L		09/11/23 19:09	09/13/23 11:42	1
8:2 FTS	<0.55		2.4	0.55	ng/L		09/11/23 19:09	09/13/23 11:42	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(275-291)-202308

Lab Sample ID: 320-104400-22

Date Collected: 08/28/23 14:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.48		2.4	0.48	ng/L		09/11/23 19:09	09/13/23 11:42	1
HFPO-DA (GenX)	<1.8		4.8	1.8	ng/L		09/11/23 19:09	09/13/23 11:42	1
9CI-PF3ONS	<0.29		2.4	0.29	ng/L		09/11/23 19:09	09/13/23 11:42	1
11CI-PF3OUdS	<0.38		2.4	0.38	ng/L		09/11/23 19:09	09/13/23 11:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	79		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C5 PFPeA	90		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C2 PFHxA	85		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C4 PFHpA	88		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C4 PFOA	93		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C5 PFNA	103		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C2 PFDA	98		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C2 PFUnA	87		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C2 PFDoA	93		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C2 PFTeDA	92		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C3 PFBS	88		25 - 150				09/11/23 19:09	09/13/23 11:42	1
18O2 PFHxS	94		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C4 PFOS	98		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C8 FOSA	101		10 - 150				09/11/23 19:09	09/13/23 11:42	1
d3-NMeFOSAA	74		25 - 150				09/11/23 19:09	09/13/23 11:42	1
d5-NEtFOSAA	88		25 - 150				09/11/23 19:09	09/13/23 11:42	1
d-N-MeFOSA-M	78		10 - 150				09/11/23 19:09	09/13/23 11:42	1
d-N-EtFOSA-M	86		10 - 150				09/11/23 19:09	09/13/23 11:42	1
d7-N-MeFOSE-M	76		10 - 150				09/11/23 19:09	09/13/23 11:42	1
d9-N-EtFOSE-M	80		10 - 150				09/11/23 19:09	09/13/23 11:42	1
M2-4:2 FTS	79		25 - 150				09/11/23 19:09	09/13/23 11:42	1
M2-6:2 FTS	102		25 - 150				09/11/23 19:09	09/13/23 11:42	1
M2-8:2 FTS	108		25 - 150				09/11/23 19:09	09/13/23 11:42	1
13C3 HFPO-DA	91		25 - 150				09/11/23 19:09	09/13/23 11:42	1

Client Sample ID: MP-04-(245-272)-202308

Lab Sample ID: 320-104400-23

Date Collected: 08/28/23 14:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<3.0		6.2	3.0	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluoropentanoic acid (PFPeA)	<0.61		2.5	0.61	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorohexanoic acid (PFHxA)	0.96	J B	2.5	0.72	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluoroheptanoic acid (PFHpA)	<0.31		2.5	0.31	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorooctanoic acid (PFOA)	1.1	J	2.5	1.1	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorononanoic acid (PFNA)	<0.33		2.5	0.33	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorodecanoic acid (PFDA)	<0.38		2.5	0.38	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.5	1.4	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorododecanoic acid (PFDoA)	<0.68		2.5	0.68	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorotridecanoic acid (PFTTrDA)	<1.6		2.5	1.6	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.90		2.5	0.90	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.25		2.5	0.25	ng/L		09/11/23 19:25	09/12/23 15:17	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(245-272)-202308

Lab Sample ID: 320-104400-23

Date Collected: 08/28/23 14:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.5	0.37	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.71		2.5	0.71	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.24		2.5	0.24	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.67		2.5	0.67	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorononanesulfonic acid (PFNS)	<0.46		2.5	0.46	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.40		2.5	0.40	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.5	1.2	ng/L		09/11/23 19:25	09/12/23 15:17	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.5	1.2	ng/L		09/11/23 19:25	09/12/23 15:17	1
NEtFOSA	<1.1		2.5	1.1	ng/L		09/11/23 19:25	09/12/23 15:17	1
NMeFOSA	<0.53		2.5	0.53	ng/L		09/11/23 19:25	09/12/23 15:17	1
NMeFOSAA	<1.5		6.2	1.5	ng/L		09/11/23 19:25	09/12/23 15:17	1
NEtFOSAA	<1.6		6.2	1.6	ng/L		09/11/23 19:25	09/12/23 15:17	1
NMeFOSE	<1.7		5.0	1.7	ng/L		09/11/23 19:25	09/12/23 15:17	1
NEtFOSE	<1.1		2.5	1.1	ng/L		09/11/23 19:25	09/12/23 15:17	1
4:2 FTS	<0.30		2.5	0.30	ng/L		09/11/23 19:25	09/12/23 15:17	1
6:2 FTS	<3.1		6.2	3.1	ng/L		09/11/23 19:25	09/12/23 15:17	1
8:2 FTS	<0.57		2.5	0.57	ng/L		09/11/23 19:25	09/12/23 15:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.50		2.5	0.50	ng/L		09/11/23 19:25	09/12/23 15:17	1
HFPO-DA (GenX)	<1.9		5.0	1.9	ng/L		09/11/23 19:25	09/12/23 15:17	1
9Cl-PF3ONS	<0.30		2.5	0.30	ng/L		09/11/23 19:25	09/12/23 15:17	1
11Cl-PF3OUdS	<0.40		2.5	0.40	ng/L		09/11/23 19:25	09/12/23 15:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C5 PFPeA	97		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C2 PFHxA	89		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C4 PFHpA	98		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C4 PFOA	97		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C5 PFNA	102		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C2 PFDA	107		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C2 PFUnA	99		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C2 PFDoA	98		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C2 PFTeDA	93		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C3 PFBS	100		25 - 150	09/11/23 19:25	09/12/23 15:17	1
18O2 PFHxS	97		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C4 PFOS	100		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C8 FOSA	108		10 - 150	09/11/23 19:25	09/12/23 15:17	1
d3-NMeFOSAA	95		25 - 150	09/11/23 19:25	09/12/23 15:17	1
d5-NEtFOSAA	100		25 - 150	09/11/23 19:25	09/12/23 15:17	1
d-N-MeFOSA-M	82		10 - 150	09/11/23 19:25	09/12/23 15:17	1
d-N-EtFOSA-M	88		10 - 150	09/11/23 19:25	09/12/23 15:17	1
d7-N-MeFOSE-M	91		10 - 150	09/11/23 19:25	09/12/23 15:17	1
d9-N-EtFOSE-M	95		10 - 150	09/11/23 19:25	09/12/23 15:17	1
M2-4:2 FTS	90		25 - 150	09/11/23 19:25	09/12/23 15:17	1
M2-6:2 FTS	99		25 - 150	09/11/23 19:25	09/12/23 15:17	1
M2-8:2 FTS	135		25 - 150	09/11/23 19:25	09/12/23 15:17	1
13C3 HFPO-DA	91		25 - 150	09/11/23 19:25	09/12/23 15:17	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(220-242)-202308

Lab Sample ID: 320-104400-24

Date Collected: 08/28/23 14:55

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.1	2.4	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluoropentanoic acid (PFPeA)	<0.50		2.0	0.50	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorohexanoic acid (PFHxA)	0.68	J B	2.0	0.59	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorooctanoic acid (PFOA)	0.91	J	2.0	0.86	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorodecanoic acid (PFDA)	<0.32		2.0	0.32	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorododecanoic acid (PFDoA)	<0.56		2.0	0.56	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.74		2.0	0.74	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.0	0.31	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.58		2.0	0.58	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.55		2.0	0.55	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.0	0.38	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.0	0.33	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.99		2.0	0.99	ng/L		09/11/23 19:25	09/12/23 15:27	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.0	1.0	ng/L		09/11/23 19:25	09/12/23 15:27	1
NEtFOSA	<0.89		2.0	0.89	ng/L		09/11/23 19:25	09/12/23 15:27	1
NMeFOSA	<0.44		2.0	0.44	ng/L		09/11/23 19:25	09/12/23 15:27	1
NMeFOSAA	<1.2		5.1	1.2	ng/L		09/11/23 19:25	09/12/23 15:27	1
NEtFOSAA	<1.3		5.1	1.3	ng/L		09/11/23 19:25	09/12/23 15:27	1
NMeFOSE	<1.4		4.1	1.4	ng/L		09/11/23 19:25	09/12/23 15:27	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/11/23 19:25	09/12/23 15:27	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 15:27	1
6:2 FTS	<2.5		5.1	2.5	ng/L		09/11/23 19:25	09/12/23 15:27	1
8:2 FTS	<0.47		2.0	0.47	ng/L		09/11/23 19:25	09/12/23 15:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.0	0.41	ng/L		09/11/23 19:25	09/12/23 15:27	1
HFPO-DA (GenX)	<1.5		4.1	1.5	ng/L		09/11/23 19:25	09/12/23 15:27	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 15:27	1
11Cl-PF3OUdS	<0.33		2.0	0.33	ng/L		09/11/23 19:25	09/12/23 15:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C5 PFPeA	88		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C2 PFHxA	85		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C4 PFHpA	89		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C4 PFOA	91		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C5 PFNA	87		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C2 PFDA	86		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C2 PFUnA	94		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C2 PFDoA	86		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C2 PFTeDA	86		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C3 PFBS	89		25 - 150	09/11/23 19:25	09/12/23 15:27	1
18O2 PFHxS	87		25 - 150	09/11/23 19:25	09/12/23 15:27	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(220-242)-202308

Lab Sample ID: 320-104400-24

Date Collected: 08/28/23 14:55

Matrix: Water

Date Received: 08/31/23 10:15

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	82		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C8 FOSA	92		10 - 150	09/11/23 19:25	09/12/23 15:27	1
d3-NMeFOSAA	82		25 - 150	09/11/23 19:25	09/12/23 15:27	1
d5-NEtFOSAA	88		25 - 150	09/11/23 19:25	09/12/23 15:27	1
d-N-MeFOSA-M	72		10 - 150	09/11/23 19:25	09/12/23 15:27	1
d-N-EtFOSA-M	74		10 - 150	09/11/23 19:25	09/12/23 15:27	1
d7-N-MeFOSE-M	77		10 - 150	09/11/23 19:25	09/12/23 15:27	1
d9-N-EtFOSE-M	78		10 - 150	09/11/23 19:25	09/12/23 15:27	1
M2-4:2 FTS	73		25 - 150	09/11/23 19:25	09/12/23 15:27	1
M2-6:2 FTS	82		25 - 150	09/11/23 19:25	09/12/23 15:27	1
M2-8:2 FTS	89		25 - 150	09/11/23 19:25	09/12/23 15:27	1
13C3 HFPO-DA	79		25 - 150	09/11/23 19:25	09/12/23 15:27	1

Client Sample ID: MP-04-(195-217)-202308

Lab Sample ID: 320-104400-25

Date Collected: 08/28/23 15:10

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorohexanoic acid (PFHxA)	0.74	J B	2.0	0.57	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorooctanoic acid (PFOA)	0.95	J	2.0	0.84	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/11/23 19:25	09/12/23 15:38	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/11/23 19:25	09/12/23 15:38	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/11/23 19:25	09/12/23 15:38	1
NMeFOSA	<0.42		2.0	0.42	ng/L		09/11/23 19:25	09/12/23 15:38	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/11/23 19:25	09/12/23 15:38	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/11/23 19:25	09/12/23 15:38	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/11/23 19:25	09/12/23 15:38	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/11/23 19:25	09/12/23 15:38	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 15:38	1
6:2 FTS	<2.5		4.9	2.5	ng/L		09/11/23 19:25	09/12/23 15:38	1
8:2 FTS	<0.45		2.0	0.45	ng/L		09/11/23 19:25	09/12/23 15:38	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(195-217)-202308

Lab Sample ID: 320-104400-25

Date Collected: 08/28/23 15:10

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances (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		09/11/23 19:25	09/12/23 15:38	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		09/11/23 19:25	09/12/23 15:38	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 15:38	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 19:25	09/12/23 15:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C5 PFPeA	89		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C2 PFHxA	88		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C4 PFHpA	94		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C4 PFOA	89		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C5 PFNA	96		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C2 PFDA	96		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C2 PFUnA	92		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C2 PFDoA	92		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C2 PFTeDA	91		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C3 PFBS	87		25 - 150				09/11/23 19:25	09/12/23 15:38	1
18O2 PFHxS	87		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C4 PFOS	89		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C8 FOSA	98		10 - 150				09/11/23 19:25	09/12/23 15:38	1
d3-NMeFOSAA	69		25 - 150				09/11/23 19:25	09/12/23 15:38	1
d5-NEtFOSAA	99		25 - 150				09/11/23 19:25	09/12/23 15:38	1
d-N-MeFOSA-M	36		10 - 150				09/11/23 19:25	09/12/23 15:38	1
d-N-EtFOSA-M	80		10 - 150				09/11/23 19:25	09/12/23 15:38	1
d7-N-MeFOSE-M	55		10 - 150				09/11/23 19:25	09/12/23 15:38	1
d9-N-EtFOSE-M	84		10 - 150				09/11/23 19:25	09/12/23 15:38	1
M2-4:2 FTS	89		25 - 150				09/11/23 19:25	09/12/23 15:38	1
M2-6:2 FTS	86		25 - 150				09/11/23 19:25	09/12/23 15:38	1
M2-8:2 FTS	139		25 - 150				09/11/23 19:25	09/12/23 15:38	1
13C3 HFPO-DA	84		25 - 150				09/11/23 19:25	09/12/23 15:38	1

Client Sample ID: MP-04-(155-192)-202308

Lab Sample ID: 320-104400-26

Date Collected: 08/28/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	33		5.1	2.5	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluoropentanoic acid (PFPeA)	150		2.1	0.50	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorohexanoic acid (PFHxA)	120	B	2.1	0.60	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluoroheptanoic acid (PFHpA)	35		2.1	0.26	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorooctanoic acid (PFOA)	48		2.1	0.87	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorononanoic acid (PFNA)	2.8		2.1	0.28	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorodecanoic acid (PFDA)	<0.32		2.1	0.32	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.1	1.1	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorododecanoic acid (PFDoA)	<0.57		2.1	0.57	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.1	1.3	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.75		2.1	0.75	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.21		2.1	0.21	ng/L		09/11/23 19:25	09/12/23 15:48	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(155-192)-202308

Lab Sample ID: 320-104400-26

Date Collected: 08/28/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.1	0.31	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorohexanesulfonic acid (PFHxS)	0.80	J	2.1	0.59	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorooctanesulfonic acid (PFOS)	1.1	J	2.1	0.56	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.1	0.38	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.1	0.33	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		09/11/23 19:25	09/12/23 15:48	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		09/11/23 19:25	09/12/23 15:48	1
NEtFOSA	<0.89		2.1	0.89	ng/L		09/11/23 19:25	09/12/23 15:48	1
NMeFOSA	<0.44		2.1	0.44	ng/L		09/11/23 19:25	09/12/23 15:48	1
NMeFOSAA	<1.2		5.1	1.2	ng/L		09/11/23 19:25	09/12/23 15:48	1
NEtFOSAA	<1.3		5.1	1.3	ng/L		09/11/23 19:25	09/12/23 15:48	1
NMeFOSE	<1.4		4.1	1.4	ng/L		09/11/23 19:25	09/12/23 15:48	1
NEtFOSE	<0.87		2.1	0.87	ng/L		09/11/23 19:25	09/12/23 15:48	1
4:2 FTS	6.3		2.1	0.25	ng/L		09/11/23 19:25	09/12/23 15:48	1
8:2 FTS	41		2.1	0.47	ng/L		09/11/23 19:25	09/12/23 15:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.1	0.41	ng/L		09/11/23 19:25	09/12/23 15:48	1
HFPO-DA (GenX)	<1.5		4.1	1.5	ng/L		09/11/23 19:25	09/12/23 15:48	1
9CI-PF3ONS	<0.25		2.1	0.25	ng/L		09/11/23 19:25	09/12/23 15:48	1
11CI-PF3OUdS	<0.33		2.1	0.33	ng/L		09/11/23 19:25	09/12/23 15:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C5 PFPeA	89		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C2 PFHxA	89		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C4 PFHpA	95		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C4 PFOA	93		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C5 PFNA	91		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C2 PFDA	96		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C2 PFUnA	104		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C2 PFDoA	90		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C2 PFTeDA	93		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C3 PFBS	92		25 - 150	09/11/23 19:25	09/12/23 15:48	1
18O2 PFHxS	88		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C4 PFOS	91		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C8 FOSA	99		10 - 150	09/11/23 19:25	09/12/23 15:48	1
d3-NMeFOSAA	87		25 - 150	09/11/23 19:25	09/12/23 15:48	1
d5-NEtFOSAA	94		25 - 150	09/11/23 19:25	09/12/23 15:48	1
d-N-MeFOSA-M	76		10 - 150	09/11/23 19:25	09/12/23 15:48	1
d-N-EtFOSA-M	81		10 - 150	09/11/23 19:25	09/12/23 15:48	1
d7-N-MeFOSE-M	87		10 - 150	09/11/23 19:25	09/12/23 15:48	1
d9-N-EtFOSE-M	88		10 - 150	09/11/23 19:25	09/12/23 15:48	1
M2-4:2 FTS	84		25 - 150	09/11/23 19:25	09/12/23 15:48	1
M2-8:2 FTS	90		25 - 150	09/11/23 19:25	09/12/23 15:48	1
13C3 HFPO-DA	85		25 - 150	09/11/23 19:25	09/12/23 15:48	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(155-192)-202308

Lab Sample ID: 320-104400-26

Date Collected: 08/28/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	870		26	13	ng/L		09/11/23 19:25	09/13/23 21:03	5
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
M2-6:2 FTS	94		25 - 150				09/11/23 19:25	09/13/23 21:03	5

Client Sample ID: MP-04-(115-152)-202308

Lab Sample ID: 320-104400-27

Date Collected: 08/28/23 15:45

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	150		5.0	2.4	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorohexanoic acid (PFHxA)	400		2.0	0.59	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluoroheptanoic acid (PFHpA)	160		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorooctanoic acid (PFOA)	230		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorononanoic acid (PFNA)	14		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorodecanoic acid (PFDA)	1.4 J		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorotetradecanoic acid (PFTeA)	<0.74		2.0	0.74	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorobutanesulfonic acid (PFBS)	0.69 J		2.0	0.20	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluoropentanesulfonic acid (PFPeS)	0.48 J		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorohexanesulfonic acid (PFHxS)	3.2		2.0	0.58	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorooctanesulfonic acid (PFOS)	4.6		2.0	0.54	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/12/23 18:12	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/11/23 21:41	09/12/23 18:12	1
NEtFOSA	<0.88		2.0	0.88	ng/L		09/11/23 21:41	09/12/23 18:12	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/12/23 18:12	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/12/23 18:12	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/12/23 18:12	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/12/23 18:12	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 18:12	1
4:2 FTS	42		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 18:12	1
8:2 FTS	180		2.0	0.46	ng/L		09/11/23 21:41	09/12/23 18:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/12/23 18:12	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/12/23 18:12	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 18:12	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 18:12	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	112		25 - 150				09/11/23 21:41	09/12/23 18:12	1
13C2 PFHxA	117		25 - 150				09/11/23 21:41	09/12/23 18:12	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(115-152)-202308

Lab Sample ID: 320-104400-27

Date Collected: 08/28/23 15:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	126		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C4 PFOA	99		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C5 PFNA	120		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C2 PFDA	128		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C2 PFUnA	128		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C2 PFDoA	115		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C2 PFTeDA	116		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C3 PFBS	118		25 - 150	09/11/23 21:41	09/12/23 18:12	1
18O2 PFHxS	118		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C4 PFOS	119		25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C8 FOSA	130		10 - 150	09/11/23 21:41	09/12/23 18:12	1
d3-NMeFOSAA	106		25 - 150	09/11/23 21:41	09/12/23 18:12	1
d5-NEtFOSAA	127		25 - 150	09/11/23 21:41	09/12/23 18:12	1
d-N-MeFOSA-M	89		10 - 150	09/11/23 21:41	09/12/23 18:12	1
d-N-EtFOSA-M	99		10 - 150	09/11/23 21:41	09/12/23 18:12	1
d7-N-MeFOSE-M	98		10 - 150	09/11/23 21:41	09/12/23 18:12	1
d9-N-EtFOSE-M	110		10 - 150	09/11/23 21:41	09/12/23 18:12	1
M2-4:2 FTS	119		25 - 150	09/11/23 21:41	09/12/23 18:12	1
M2-8:2 FTS	158	*5+	25 - 150	09/11/23 21:41	09/12/23 18:12	1
13C3 HFPO-DA	112		25 - 150	09/11/23 21:41	09/12/23 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	840		20	4.9	ng/L		09/11/23 21:41	09/13/23 22:26	10
6:2 FTS	3300		50	25	ng/L		09/11/23 21:41	09/13/23 22:26	10
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C5 PFPeA	108		25 - 150	09/11/23 21:41	09/13/23 22:26	10			
M2-6:2 FTS	111		25 - 150	09/11/23 21:41	09/13/23 22:26	10			

Client Sample ID: MP-04-(080-112)-202308

Lab Sample ID: 320-104400-28

Date Collected: 08/28/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	130		5.6	2.7	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorohexanoic acid (PFHxA)	390		2.2	0.65	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluoroheptanoic acid (PFHpA)	130		2.2	0.28	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorooctanoic acid (PFOA)	140		2.2	0.96	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorononanoic acid (PFNA)	7.0		2.2	0.30	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorodecanoic acid (PFDA)	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorododecanoic acid (PFDoA)	<0.62		2.2	0.62	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorotridecanoic acid (PFTTrDA)	<1.5		2.2	1.5	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorotetradecanoic acid (PFTeA)	<0.82		2.2	0.82	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorobutanesulfonic acid (PFBS)	0.67	J	2.2	0.22	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.2	0.34	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorohexanesulfonic acid (PFHxS)	2.2		2.2	0.64	ng/L		09/11/23 21:41	09/12/23 18:22	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(080-112)-202308

Lab Sample ID: 320-104400-28

Date Collected: 08/28/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorooctanesulfonic acid (PFOS)	1.9	J	2.2	0.61	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorononanesulfonic acid (PFNS)	<0.42		2.2	0.42	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorodecanesulfonic acid (PFDS)	<0.36		2.2	0.36	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 18:22	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 18:22	1
NEtFOSA	<0.98		2.2	0.98	ng/L		09/11/23 21:41	09/12/23 18:22	1
NMeFOSA	<0.48		2.2	0.48	ng/L		09/11/23 21:41	09/12/23 18:22	1
NMeFOSAA	<1.3		5.6	1.3	ng/L		09/11/23 21:41	09/12/23 18:22	1
NEtFOSAA	<1.5		5.6	1.5	ng/L		09/11/23 21:41	09/12/23 18:22	1
NMeFOSE	<1.6		4.5	1.6	ng/L		09/11/23 21:41	09/12/23 18:22	1
NEtFOSE	<0.96		2.2	0.96	ng/L		09/11/23 21:41	09/12/23 18:22	1
4:2 FTS	25		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 18:22	1
8:2 FTS	16		2.2	0.52	ng/L		09/11/23 21:41	09/12/23 18:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.45		2.2	0.45	ng/L		09/11/23 21:41	09/12/23 18:22	1
HFPO-DA (GenX)	<1.7		4.5	1.7	ng/L		09/11/23 21:41	09/12/23 18:22	1
9CI-PF3ONS	<0.27		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 18:22	1
11CI-PF3OUdS	<0.36		2.2	0.36	ng/L		09/11/23 21:41	09/12/23 18:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C2 PFHxA	96		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C4 PFHpA	101		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C4 PFOA	99		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C5 PFNA	110		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C2 PFDA	112		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C2 PFUnA	109		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C2 PFDoA	100		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C2 PFTeDA	101		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C3 PFBS	99		25 - 150				09/11/23 21:41	09/12/23 18:22	1
18O2 PFHxS	99		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C4 PFOS	101		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C8 FOSA	117		10 - 150				09/11/23 21:41	09/12/23 18:22	1
d3-NMeFOSAA	96		25 - 150				09/11/23 21:41	09/12/23 18:22	1
d5-NEtFOSAA	104		25 - 150				09/11/23 21:41	09/12/23 18:22	1
d-N-MeFOSA-M	89		10 - 150				09/11/23 21:41	09/12/23 18:22	1
d-N-EtFOSA-M	92		10 - 150				09/11/23 21:41	09/12/23 18:22	1
d7-N-MeFOSE-M	93		10 - 150				09/11/23 21:41	09/12/23 18:22	1
d9-N-EtFOSE-M	94		10 - 150				09/11/23 21:41	09/12/23 18:22	1
M2-4:2 FTS	105		25 - 150				09/11/23 21:41	09/12/23 18:22	1
M2-8:2 FTS	129		25 - 150				09/11/23 21:41	09/12/23 18:22	1
13C3 HFPO-DA	100		25 - 150				09/11/23 21:41	09/12/23 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	860		22	5.5	ng/L		09/11/23 21:41	09/13/23 22:15	10
6:2 FTS	1900		56	28	ng/L		09/11/23 21:41	09/13/23 22:15	10

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(080-112)-202308

Lab Sample ID: 320-104400-28

Date Collected: 08/28/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	105		25 - 150	09/11/23 21:41	09/13/23 22:15	10
M2-6:2 FTS	91		25 - 150	09/11/23 21:41	09/13/23 22:15	10

Client Sample ID: MP-04-(048-077)-202308

Lab Sample ID: 320-104400-29

Date Collected: 08/28/23 16:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<7.9		16	7.9	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluoropentanoic acid (PFPeA)	8.5		6.6	1.6	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorohexanoic acid (PFHxA)	5.4 J		6.6	1.9	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluoroheptanoic acid (PFHpA)	1.2 J		6.6	0.82	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorooctanoic acid (PFOA)	2.8 J		6.6	2.8	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorononanoic acid (PFNA)	<0.89		6.6	0.89	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorodecanoic acid (PFDA)	<1.0		6.6	1.0	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluoroundecanoic acid (PFUnA)	<3.6		6.6	3.6	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorododecanoic acid (PFDoA)	<1.8		6.6	1.8	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorotridecanoic acid (PFTTrDA)	<4.3		6.6	4.3	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorotetradecanoic acid (PFTTeA)	<2.4		6.6	2.4	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		6.6	0.66	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluoropentanesulfonic acid (PFPeS)	<0.99		6.6	0.99	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorohexanesulfonic acid (PFHxS)	<1.9		6.6	1.9	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.63		6.6	0.63	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorooctanesulfonic acid (PFOS)	<1.8		6.6	1.8	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorononanesulfonic acid (PFNS)	<1.2		6.6	1.2	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorodecanesulfonic acid (PFDS)	<1.1		6.6	1.1	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorododecanesulfonic acid (PFDoS)	<3.2		6.6	3.2	ng/L		09/11/23 21:41	09/12/23 18:32	1
Perfluorooctanesulfonamide (FOSA)	<3.2		6.6	3.2	ng/L		09/11/23 21:41	09/12/23 18:32	1
NEtFOSA	<2.9		6.6	2.9	ng/L		09/11/23 21:41	09/12/23 18:32	1
NMeFOSA	<1.4		6.6	1.4	ng/L		09/11/23 21:41	09/12/23 18:32	1
NMeFOSAA	<4.0		16	4.0	ng/L		09/11/23 21:41	09/12/23 18:32	1
NEtFOSAA	<4.3		16	4.3	ng/L		09/11/23 21:41	09/12/23 18:32	1
NMeFOSE	<4.6		13	4.6	ng/L		09/11/23 21:41	09/12/23 18:32	1
NEtFOSE	<2.8		6.6	2.8	ng/L		09/11/23 21:41	09/12/23 18:32	1
4:2 FTS	<0.79		6.6	0.79	ng/L		09/11/23 21:41	09/12/23 18:32	1
6:2 FTS	<8.2		16	8.2	ng/L		09/11/23 21:41	09/12/23 18:32	1
8:2 FTS	<1.5		6.6	1.5	ng/L		09/11/23 21:41	09/12/23 18:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.3		6.6	1.3	ng/L		09/11/23 21:41	09/12/23 18:32	1
HFPO-DA (GenX)	<4.9		13	4.9	ng/L		09/11/23 21:41	09/12/23 18:32	1
9CI-PF3ONS	<0.79		6.6	0.79	ng/L		09/11/23 21:41	09/12/23 18:32	1
11CI-PF3OUdS	<1.1		6.6	1.1	ng/L		09/11/23 21:41	09/12/23 18:32	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	105		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C5 PFPeA	103		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C2 PFHxA	106		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C4 PFHpA	103		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C4 PFOA	98		25 - 150	09/11/23 21:41	09/12/23 18:32	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(048-077)-202308

Lab Sample ID: 320-104400-29

Date Collected: 08/28/23 16:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	107		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C2 PFDA	104		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C2 PFUnA	99		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C2 PFDoA	94		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C2 PFTeDA	90		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C3 PFBS	110		25 - 150	09/11/23 21:41	09/12/23 18:32	1
18O2 PFHxS	100		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C4 PFOS	102		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C8 FOSA	105		10 - 150	09/11/23 21:41	09/12/23 18:32	1
d3-NMeFOSAA	92		25 - 150	09/11/23 21:41	09/12/23 18:32	1
d5-NEtFOSAA	95		25 - 150	09/11/23 21:41	09/12/23 18:32	1
d-N-MeFOSA-M	77		10 - 150	09/11/23 21:41	09/12/23 18:32	1
d-N-EtFOSA-M	79		10 - 150	09/11/23 21:41	09/12/23 18:32	1
d7-N-MeFOSE-M	92		10 - 150	09/11/23 21:41	09/12/23 18:32	1
d9-N-EtFOSE-M	91		10 - 150	09/11/23 21:41	09/12/23 18:32	1
M2-4:2 FTS	91		25 - 150	09/11/23 21:41	09/12/23 18:32	1
M2-6:2 FTS	104		25 - 150	09/11/23 21:41	09/12/23 18:32	1
M2-8:2 FTS	109		25 - 150	09/11/23 21:41	09/12/23 18:32	1
13C3 HFPO-DA	94		25 - 150	09/11/23 21:41	09/12/23 18:32	1

Client Sample ID: MP-05-(SWL-065)-202308

Lab Sample ID: 320-104400-30

Date Collected: 08/29/23 09:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	18		5.8	2.8	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluoropentanoic acid (PFPeA)	42		2.3	0.57	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorohexanoic acid (PFHxA)	29		2.3	0.68	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluoroheptanoic acid (PFHpA)	17		2.3	0.29	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorooctanoic acid (PFOA)	5.5		2.3	0.99	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorononanoic acid (PFNA)	0.74	J	2.3	0.32	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorodecanoic acid (PFDA)	<0.36		2.3	0.36	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.3	1.3	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorododecanoic acid (PFDoA)	<0.64		2.3	0.64	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorotridecanoic acid (PFTrDA)	<1.5		2.3	1.5	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.85		2.3	0.85	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorobutanesulfonic acid (PFBS)	0.81	J	2.3	0.23	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.35		2.3	0.35	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.67		2.3	0.67	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.22		2.3	0.22	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.63		2.3	0.63	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorononanesulfonic acid (PFNS)	<0.43		2.3	0.43	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 18:42	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 18:42	1
NEtFOSA	<1.0		2.3	1.0	ng/L		09/11/23 21:41	09/12/23 18:42	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-05-(SWL-065)-202308

Lab Sample ID: 320-104400-30

Date Collected: 08/29/23 09:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSA	<0.50		2.3	0.50	ng/L		09/11/23 21:41	09/12/23 18:42	1
NMeFOSAA	<1.4		5.8	1.4	ng/L		09/11/23 21:41	09/12/23 18:42	1
NEtFOSAA	<1.5		5.8	1.5	ng/L		09/11/23 21:41	09/12/23 18:42	1
NMeFOSE	<1.6		4.7	1.6	ng/L		09/11/23 21:41	09/12/23 18:42	1
NEtFOSE	<0.99		2.3	0.99	ng/L		09/11/23 21:41	09/12/23 18:42	1
4:2 FTS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 18:42	1
6:2 FTS	<2.9		5.8	2.9	ng/L		09/11/23 21:41	09/12/23 18:42	1
8:2 FTS	<0.54		2.3	0.54	ng/L		09/11/23 21:41	09/12/23 18:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.47		2.3	0.47	ng/L		09/11/23 21:41	09/12/23 18:42	1
HFPO-DA (GenX)	<1.8		4.7	1.8	ng/L		09/11/23 21:41	09/12/23 18:42	1
9Cl-PF3ONS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 18:42	1
11Cl-PF3OUdS	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 18:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C5 PFPeA	91		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C2 PFHxA	91		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C4 PFHpA	93		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C4 PFOA	96		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C5 PFNA	95		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C2 PFDA	94		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C2 PFUnA	97		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C2 PFDoA	94		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C2 PFTeDA	87		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C3 PFBS	93		25 - 150				09/11/23 21:41	09/12/23 18:42	1
18O2 PFHxS	90		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C4 PFOS	91		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C8 FOSA	99		10 - 150				09/11/23 21:41	09/12/23 18:42	1
d3-NMeFOSAA	88		25 - 150				09/11/23 21:41	09/12/23 18:42	1
d5-NEtFOSAA	96		25 - 150				09/11/23 21:41	09/12/23 18:42	1
d-N-MeFOSA-M	79		10 - 150				09/11/23 21:41	09/12/23 18:42	1
d-N-EtFOSA-M	85		10 - 150				09/11/23 21:41	09/12/23 18:42	1
d7-N-MeFOSE-M	83		10 - 150				09/11/23 21:41	09/12/23 18:42	1
d9-N-EtFOSE-M	87		10 - 150				09/11/23 21:41	09/12/23 18:42	1
M2-4:2 FTS	89		25 - 150				09/11/23 21:41	09/12/23 18:42	1
M2-6:2 FTS	89		25 - 150				09/11/23 21:41	09/12/23 18:42	1
M2-8:2 FTS	112		25 - 150				09/11/23 21:41	09/12/23 18:42	1
13C3 HFPO-DA	88		25 - 150				09/11/23 21:41	09/12/23 18:42	1

Client Sample ID: MP-06-(148-178)-202308

Lab Sample ID: 320-104400-31

Date Collected: 08/29/23 10:45

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.7		5.6	2.7	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluoropentanoic acid (PFPeA)	<0.55		2.2	0.55	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorohexanoic acid (PFHxA)	0.65	J	2.2	0.65	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluoroheptanoic acid (PFHpA)	<0.28		2.2	0.28	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorooctanoic acid (PFOA)	<0.95		2.2	0.95	ng/L		09/11/23 21:41	09/12/23 18:53	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(148-178)-202308

Lab Sample ID: 320-104400-31

Date Collected: 08/29/23 10:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	<0.30		2.2	0.30	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorodecanoic acid (PFDA)	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorododecanoic acid (PFDoA)	<0.62		2.2	0.62	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorotridecanoic acid (PFTrDA)	<1.5		2.2	1.5	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorotetradecanoic acid (PFTeA)	<0.82		2.2	0.82	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorobutanesulfonic acid (PFBS)	<0.22		2.2	0.22	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.2	0.34	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.64		2.2	0.64	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorooctanesulfonic acid (PFOS)	<0.60		2.2	0.60	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorononanesulfonic acid (PFNS)	<0.41		2.2	0.41	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorodecanesulfonic acid (PFDS)	<0.36		2.2	0.36	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 18:53	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 18:53	1
NEtFOSA	<0.97		2.2	0.97	ng/L		09/11/23 21:41	09/12/23 18:53	1
NMeFOSA	<0.48		2.2	0.48	ng/L		09/11/23 21:41	09/12/23 18:53	1
NMeFOSAA	<1.3		5.6	1.3	ng/L		09/11/23 21:41	09/12/23 18:53	1
NEtFOSAA	<1.5		5.6	1.5	ng/L		09/11/23 21:41	09/12/23 18:53	1
NMeFOSE	<1.6		4.5	1.6	ng/L		09/11/23 21:41	09/12/23 18:53	1
NEtFOSE	<0.95		2.2	0.95	ng/L		09/11/23 21:41	09/12/23 18:53	1
4:2 FTS	<0.27		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 18:53	1
6:2 FTS	<2.8		5.6	2.8	ng/L		09/11/23 21:41	09/12/23 18:53	1
8:2 FTS	<0.52		2.2	0.52	ng/L		09/11/23 21:41	09/12/23 18:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.45		2.2	0.45	ng/L		09/11/23 21:41	09/12/23 18:53	1
HFPO-DA (GenX)	<1.7		4.5	1.7	ng/L		09/11/23 21:41	09/12/23 18:53	1
9Cl-PF3ONS	<0.27		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 18:53	1
11Cl-PF3OUdS	<0.36		2.2	0.36	ng/L		09/11/23 21:41	09/12/23 18:53	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C5 PFPeA	100		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C2 PFHxA	99		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C4 PFHpA	99		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C4 PFOA	95		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C5 PFNA	103		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C2 PFDA	98		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C2 PFUnA	100		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C2 PFDoA	88		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C2 PFTeDA	88		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C3 PFBS	95		25 - 150	09/11/23 21:41	09/12/23 18:53	1
18O2 PFHxS	95		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C4 PFOS	96		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C8 FOSA	103		10 - 150	09/11/23 21:41	09/12/23 18:53	1
d3-NMeFOSAA	86		25 - 150	09/11/23 21:41	09/12/23 18:53	1
d5-NEtFOSAA	98		25 - 150	09/11/23 21:41	09/12/23 18:53	1
d-N-MeFOSA-M	86		10 - 150	09/11/23 21:41	09/12/23 18:53	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(148-178)-202308

Lab Sample ID: 320-104400-31

Date Collected: 08/29/23 10:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d-N-EtFOSA-M	90		10 - 150	09/11/23 21:41	09/12/23 18:53	1
d7-N-MeFOSE-M	88		10 - 150	09/11/23 21:41	09/12/23 18:53	1
d9-N-EtFOSE-M	88		10 - 150	09/11/23 21:41	09/12/23 18:53	1
M2-4:2 FTS	98		25 - 150	09/11/23 21:41	09/12/23 18:53	1
M2-6:2 FTS	92		25 - 150	09/11/23 21:41	09/12/23 18:53	1
M2-8:2 FTS	101		25 - 150	09/11/23 21:41	09/12/23 18:53	1
13C3 HFPO-DA	90		25 - 150	09/11/23 21:41	09/12/23 18:53	1

Client Sample ID: MP-06-(113-145)-202308

Lab Sample ID: 320-104400-32

Date Collected: 08/29/23 10:55

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.6		5.5	2.6	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluoropentanoic acid (PFPeA)	<0.54		2.2	0.54	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorohexanoic acid (PFHxA)	0.86	J	2.2	0.64	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluoroheptanoic acid (PFHpA)	<0.27		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorooctanoic acid (PFOA)	<0.93		2.2	0.93	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorononanoic acid (PFNA)	<0.30		2.2	0.30	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorodecanoic acid (PFDA)	<0.34		2.2	0.34	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorotridecanoic acid (PFTrDA)	<1.4		2.2	1.4	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorotetradecanoic acid (PFTeA)	<0.80		2.2	0.80	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorobutanesulfonic acid (PFBS)	<0.22		2.2	0.22	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.33		2.2	0.33	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.63		2.2	0.63	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.59		2.2	0.59	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorononanesulfonic acid (PFNS)	<0.41		2.2	0.41	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 19:03	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 19:03	1
NEtFOSA	<0.95		2.2	0.95	ng/L		09/11/23 21:41	09/12/23 19:03	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/11/23 21:41	09/12/23 19:03	1
NMeFOSAA	<1.3		5.5	1.3	ng/L		09/11/23 21:41	09/12/23 19:03	1
NEtFOSAA	<1.4		5.5	1.4	ng/L		09/11/23 21:41	09/12/23 19:03	1
NMeFOSE	<1.5		4.4	1.5	ng/L		09/11/23 21:41	09/12/23 19:03	1
NEtFOSE	<0.93		2.2	0.93	ng/L		09/11/23 21:41	09/12/23 19:03	1
4:2 FTS	<0.26		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 19:03	1
6:2 FTS	<2.7		5.5	2.7	ng/L		09/11/23 21:41	09/12/23 19:03	1
8:2 FTS	<0.50		2.2	0.50	ng/L		09/11/23 21:41	09/12/23 19:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44		2.2	0.44	ng/L		09/11/23 21:41	09/12/23 19:03	1
HFPO-DA (GenX)	<1.6		4.4	1.6	ng/L		09/11/23 21:41	09/12/23 19:03	1
9CI-PF3ONS	<0.26		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 19:03	1
11CI-PF3OUdS	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 19:03	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(113-145)-202308

Lab Sample ID: 320-104400-32

Date Collected: 08/29/23 10:55

Matrix: Water

Date Received: 08/31/23 10:15

<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	92		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C5 PFPeA	103		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C2 PFHxA	97		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C4 PFHpA	95		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C4 PFOA	99		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C5 PFNA	103		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C2 PFDA	103		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C2 PFUnA	98		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C2 PFDoA	101		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C2 PFTeDA	90		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C3 PFBS	97		25 - 150	09/11/23 21:41	09/12/23 19:03	1
18O2 PFHxS	98		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C4 PFOS	98		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C8 FOSA	108		10 - 150	09/11/23 21:41	09/12/23 19:03	1
d3-NMeFOSAA	89		25 - 150	09/11/23 21:41	09/12/23 19:03	1
d5-NEtFOSAA	101		25 - 150	09/11/23 21:41	09/12/23 19:03	1
d-N-MeFOSA-M	82		10 - 150	09/11/23 21:41	09/12/23 19:03	1
d-N-EtFOSA-M	89		10 - 150	09/11/23 21:41	09/12/23 19:03	1
d7-N-MeFOSE-M	89		10 - 150	09/11/23 21:41	09/12/23 19:03	1
d9-N-EtFOSE-M	88		10 - 150	09/11/23 21:41	09/12/23 19:03	1
M2-4:2 FTS	99		25 - 150	09/11/23 21:41	09/12/23 19:03	1
M2-6:2 FTS	100		25 - 150	09/11/23 21:41	09/12/23 19:03	1
M2-8:2 FTS	116		25 - 150	09/11/23 21:41	09/12/23 19:03	1
13C3 HFPO-DA	91		25 - 150	09/11/23 21:41	09/12/23 19:03	1

Client Sample ID: MP-06-(73-110)-202308

Lab Sample ID: 320-104400-33

Date Collected: 08/29/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<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)	<2.6		5.4	2.6	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluoropentanoic acid (PFPeA)	0.87	J	2.2	0.53	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorohexanoic acid (PFHxA)	1.1	J	2.2	0.63	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluoroheptanoic acid (PFHpA)	0.28	J	2.2	0.27	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorooctanoic acid (PFOA)	<0.92		2.2	0.92	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorononanoic acid (PFNA)	<0.29		2.2	0.29	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorodecanoic acid (PFDA)	<0.34		2.2	0.34	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.2	1.4	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorotetradecanoic acid (PFTeA)	<0.79		2.2	0.79	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorobutanesulfonic acid (PFBS)	<0.22		2.2	0.22	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluoropentanesulfonic acid (PFPeS)	<0.33		2.2	0.33	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorohexanesulfonic acid (PFHxS)	<0.62		2.2	0.62	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorooctanesulfonic acid (PFOS)	<0.59		2.2	0.59	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorononanesulfonic acid (PFNS)	<0.40		2.2	0.40	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 19:13	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(73-110)-202308

Lab Sample ID: 320-104400-33

Date Collected: 08/29/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 19:13	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 19:13	1
NEtFOSA	<0.94		2.2	0.94	ng/L		09/11/23 21:41	09/12/23 19:13	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/11/23 21:41	09/12/23 19:13	1
NMeFOSAA	<1.3		5.4	1.3	ng/L		09/11/23 21:41	09/12/23 19:13	1
NEtFOSAA	<1.4		5.4	1.4	ng/L		09/11/23 21:41	09/12/23 19:13	1
NMeFOSE	<1.5		4.3	1.5	ng/L		09/11/23 21:41	09/12/23 19:13	1
NEtFOSE	<0.92		2.2	0.92	ng/L		09/11/23 21:41	09/12/23 19:13	1
4:2 FTS	<0.26		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 19:13	1
6:2 FTS	<2.7		5.4	2.7	ng/L		09/11/23 21:41	09/12/23 19:13	1
8:2 FTS	<0.50		2.2	0.50	ng/L		09/11/23 21:41	09/12/23 19:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43		2.2	0.43	ng/L		09/11/23 21:41	09/12/23 19:13	1
HFPO-DA (GenX)	<1.6		4.3	1.6	ng/L		09/11/23 21:41	09/12/23 19:13	1
9Cl-PF3ONS	<0.26		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 19:13	1
11Cl-PF3OUdS	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 19:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C5 PFPeA	101		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C2 PFHxA	104		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C4 PFHpA	108		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C4 PFOA	102		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C5 PFNA	102		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C2 PFDA	114		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C2 PFUnA	100		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C2 PFDoA	99		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C2 PFTeDA	91		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C3 PFBS	100		25 - 150				09/11/23 21:41	09/12/23 19:13	1
18O2 PFHxS	99		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C4 PFOS	94		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C8 FOSA	111		10 - 150				09/11/23 21:41	09/12/23 19:13	1
d3-NMeFOSAA	88		25 - 150				09/11/23 21:41	09/12/23 19:13	1
d5-NEtFOSAA	100		25 - 150				09/11/23 21:41	09/12/23 19:13	1
d-N-MeFOSA-M	79		10 - 150				09/11/23 21:41	09/12/23 19:13	1
d-N-EtFOSA-M	90		10 - 150				09/11/23 21:41	09/12/23 19:13	1
d7-N-MeFOSE-M	86		10 - 150				09/11/23 21:41	09/12/23 19:13	1
d9-N-EtFOSE-M	93		10 - 150				09/11/23 21:41	09/12/23 19:13	1
M2-4:2 FTS	93		25 - 150				09/11/23 21:41	09/12/23 19:13	1
M2-6:2 FTS	92		25 - 150				09/11/23 21:41	09/12/23 19:13	1
M2-8:2 FTS	138		25 - 150				09/11/23 21:41	09/12/23 19:13	1
13C3 HFPO-DA	94		25 - 150				09/11/23 21:41	09/12/23 19:13	1

Client Sample ID: MP-06-(36-70)-202308

Lab Sample ID: 320-104400-34

Date Collected: 08/29/23 11:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	7.2		5.7	2.8	ng/L		09/11/23 21:41	09/12/23 19:44	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(36-70)-202308

Lab Sample ID: 320-104400-34

Date Collected: 08/29/23 11:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	19		2.3	0.56	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorohexanoic acid (PFHxA)	15		2.3	0.67	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluoroheptanoic acid (PFHpA)	14		2.3	0.29	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorooctanoic acid (PFOA)	16		2.3	0.98	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorononanoic acid (PFNA)	1.4	J	2.3	0.31	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorodecanoic acid (PFDA)	<0.36		2.3	0.36	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.3	1.3	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorododecanoic acid (PFDoA)	<0.63		2.3	0.63	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorotridecanoic acid (PFTrDA)	<1.5		2.3	1.5	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorotetradecanoic acid (PFTeA)	<0.84		2.3	0.84	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorobutanesulfonic acid (PFBS)	0.57	J	2.3	0.23	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.3	0.34	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.65		2.3	0.65	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.22		2.3	0.22	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.62		2.3	0.62	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorononanesulfonic acid (PFNS)	<0.42		2.3	0.42	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 19:44	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 19:44	1
NEtFOSA	<1.0		2.3	1.0	ng/L		09/11/23 21:41	09/12/23 19:44	1
NMeFOSA	<0.49		2.3	0.49	ng/L		09/11/23 21:41	09/12/23 19:44	1
NMeFOSAA	<1.4		5.7	1.4	ng/L		09/11/23 21:41	09/12/23 19:44	1
NEtFOSAA	<1.5		5.7	1.5	ng/L		09/11/23 21:41	09/12/23 19:44	1
NMeFOSE	<1.6		4.6	1.6	ng/L		09/11/23 21:41	09/12/23 19:44	1
NEtFOSE	<0.98		2.3	0.98	ng/L		09/11/23 21:41	09/12/23 19:44	1
4:2 FTS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 19:44	1
6:2 FTS	<2.9		5.7	2.9	ng/L		09/11/23 21:41	09/12/23 19:44	1
8:2 FTS	<0.53		2.3	0.53	ng/L		09/11/23 21:41	09/12/23 19:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.46		2.3	0.46	ng/L		09/11/23 21:41	09/12/23 19:44	1
HFPO-DA (GenX)	<1.7		4.6	1.7	ng/L		09/11/23 21:41	09/12/23 19:44	1
9Cl-PF3ONS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 19:44	1
11Cl-PF3OUdS	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 19:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C5 PFPeA	106		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C2 PFHxA	90		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C4 PFHpA	92		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C4 PFOA	100		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C5 PFNA	102		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C2 PFDA	97		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C2 PFUnA	95		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C2 PFDoA	102		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C2 PFTeDA	92		25 - 150				09/11/23 21:41	09/12/23 19:44	1
13C3 PFBS	100		25 - 150				09/11/23 21:41	09/12/23 19:44	1
18O2 PFHxS	94		25 - 150				09/11/23 21:41	09/12/23 19:44	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(36-70)-202308

Lab Sample ID: 320-104400-34

Date Collected: 08/29/23 11:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	96		25 - 150	09/11/23 21:41	09/12/23 19:44	1
13C8 FOSA	101		10 - 150	09/11/23 21:41	09/12/23 19:44	1
d3-NMeFOSAA	94		25 - 150	09/11/23 21:41	09/12/23 19:44	1
d5-NEtFOSAA	98		25 - 150	09/11/23 21:41	09/12/23 19:44	1
d-N-MeFOSA-M	82		10 - 150	09/11/23 21:41	09/12/23 19:44	1
d-N-EtFOSA-M	87		10 - 150	09/11/23 21:41	09/12/23 19:44	1
d7-N-MeFOSE-M	90		10 - 150	09/11/23 21:41	09/12/23 19:44	1
d9-N-EtFOSE-M	91		10 - 150	09/11/23 21:41	09/12/23 19:44	1
M2-4:2 FTS	99		25 - 150	09/11/23 21:41	09/12/23 19:44	1
M2-6:2 FTS	94		25 - 150	09/11/23 21:41	09/12/23 19:44	1
M2-8:2 FTS	93		25 - 150	09/11/23 21:41	09/12/23 19:44	1
13C3 HFPO-DA	89		25 - 150	09/11/23 21:41	09/12/23 19:44	1

Client Sample ID: MP-06-(21-33)-202308

Lab Sample ID: 320-104400-35

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	46		8.3	4.0	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluoropentanoic acid (PFPeA)	170		3.3	0.82	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorohexanoic acid (PFHxA)	130		3.3	0.97	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluoroheptanoic acid (PFHpA)	110		3.3	0.42	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorooctanoic acid (PFOA)	90		3.3	1.4	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorononanoic acid (PFNA)	7.8		3.3	0.45	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorodecanoic acid (PFDA)	0.61	J	3.3	0.52	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluoroundecanoic acid (PFUnA)	<1.8		3.3	1.8	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorododecanoic acid (PFDoA)	<0.92		3.3	0.92	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorotridecanoic acid (PFTrDA)	<2.2		3.3	2.2	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorotetradecanoic acid (PFTeA)	<1.2		3.3	1.2	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorobutanesulfonic acid (PFBS)	0.60	J	3.3	0.33	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluoropentanesulfonic acid (PFPeS)	<0.50		3.3	0.50	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorohexanesulfonic acid (PFHxS)	<0.95		3.3	0.95	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.32		3.3	0.32	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorooctanesulfonic acid (PFOS)	<0.90		3.3	0.90	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorononanesulfonic acid (PFNS)	<0.62		3.3	0.62	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorodecanesulfonic acid (PFDS)	<0.53		3.3	0.53	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorododecanesulfonic acid (PFDoS)	<1.6		3.3	1.6	ng/L		09/11/23 21:41	09/12/23 19:54	1
Perfluorooctanesulfonamide (FOSA)	<1.6		3.3	1.6	ng/L		09/11/23 21:41	09/12/23 19:54	1
NEtFOSA	<1.4		3.3	1.4	ng/L		09/11/23 21:41	09/12/23 19:54	1
NMeFOSA	<0.72		3.3	0.72	ng/L		09/11/23 21:41	09/12/23 19:54	1
NMeFOSAA	<2.0		8.3	2.0	ng/L		09/11/23 21:41	09/12/23 19:54	1
NEtFOSAA	<2.2		8.3	2.2	ng/L		09/11/23 21:41	09/12/23 19:54	1
NMeFOSE	<2.3		6.7	2.3	ng/L		09/11/23 21:41	09/12/23 19:54	1
NEtFOSE	<1.4		3.3	1.4	ng/L		09/11/23 21:41	09/12/23 19:54	1
4:2 FTS	<0.40		3.3	0.40	ng/L		09/11/23 21:41	09/12/23 19:54	1
6:2 FTS	<4.2		8.3	4.2	ng/L		09/11/23 21:41	09/12/23 19:54	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(21-33)-202308

Lab Sample ID: 320-104400-35

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	1.6	J	3.3	0.77	ng/L		09/11/23 21:41	09/12/23 19:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.67		3.3	0.67	ng/L		09/11/23 21:41	09/12/23 19:54	1
HFPO-DA (GenX)	<2.5		6.7	2.5	ng/L		09/11/23 21:41	09/12/23 19:54	1
9CI-PF3ONS	<0.40		3.3	0.40	ng/L		09/11/23 21:41	09/12/23 19:54	1
11CI-PF3OUdS	<0.53		3.3	0.53	ng/L		09/11/23 21:41	09/12/23 19:54	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	79		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C5 PFPeA	90		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C2 PFHxA	91		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C4 PFHpA	95		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C4 PFOA	95		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C5 PFNA	93		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C2 PFDA	99		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C2 PFUnA	95		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C2 PFDoA	90		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C2 PFTeDA	84		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C3 PFBS	94		25 - 150				09/11/23 21:41	09/12/23 19:54	1
18O2 PFHxS	88		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C4 PFOS	92		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C8 FOSA	99		10 - 150				09/11/23 21:41	09/12/23 19:54	1
d3-NMeFOSAA	82		25 - 150				09/11/23 21:41	09/12/23 19:54	1
d5-NEtFOSAA	89		25 - 150				09/11/23 21:41	09/12/23 19:54	1
d-N-MeFOSA-M	80		10 - 150				09/11/23 21:41	09/12/23 19:54	1
d-N-EtFOSA-M	85		10 - 150				09/11/23 21:41	09/12/23 19:54	1
d7-N-MeFOSE-M	85		10 - 150				09/11/23 21:41	09/12/23 19:54	1
d9-N-EtFOSE-M	82		10 - 150				09/11/23 21:41	09/12/23 19:54	1
M2-4:2 FTS	90		25 - 150				09/11/23 21:41	09/12/23 19:54	1
M2-6:2 FTS	94		25 - 150				09/11/23 21:41	09/12/23 19:54	1
M2-8:2 FTS	104		25 - 150				09/11/23 21:41	09/12/23 19:54	1
13C3 HFPO-DA	88		25 - 150				09/11/23 21:41	09/12/23 19:54	1

Client Sample ID: MP-07-(220-258)-202308

Lab Sample ID: 320-104400-36

Date Collected: 08/28/23 12:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorohexanoic acid (PFHxA)	0.72	J	2.0	0.57	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorooctanoic acid (PFOA)	<0.84		2.0	0.84	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 21:41	09/12/23 20:05	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(220-258)-202308

Lab Sample ID: 320-104400-36

Date Collected: 08/28/23 12:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/11/23 21:41	09/12/23 20:05	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/11/23 21:41	09/12/23 20:05	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 20:05	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/12/23 20:05	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/12/23 20:05	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/12/23 20:05	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/12/23 20:05	1
NEtFOSE	1.4 J		2.0	0.84	ng/L		09/11/23 21:41	09/12/23 20:05	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 20:05	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 21:41	09/12/23 20:05	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 21:41	09/12/23 20:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/12/23 20:05	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/12/23 20:05	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 20:05	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 20:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C5 PFPeA	89		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C2 PFHxA	89		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C4 PFHpA	97		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C4 PFOA	100		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C5 PFNA	102		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C2 PFDA	108		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C2 PFUnA	101		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C2 PFDoA	82		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C2 PFTeDA	79		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C3 PFBS	91		25 - 150	09/11/23 21:41	09/12/23 20:05	1
18O2 PFHxS	94		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C4 PFOS	93		25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C8 FOSA	119		10 - 150	09/11/23 21:41	09/12/23 20:05	1
d3-NMeFOSAA	44		25 - 150	09/11/23 21:41	09/12/23 20:05	1
d5-NEtFOSAA	103		25 - 150	09/11/23 21:41	09/12/23 20:05	1
d-N-MeFOSA-M	17		10 - 150	09/11/23 21:41	09/12/23 20:05	1
d-N-EtFOSA-M	73		10 - 150	09/11/23 21:41	09/12/23 20:05	1
d7-N-MeFOSE-M	26		10 - 150	09/11/23 21:41	09/12/23 20:05	1
d9-N-EtFOSE-M	85		10 - 150	09/11/23 21:41	09/12/23 20:05	1
M2-4:2 FTS	94		25 - 150	09/11/23 21:41	09/12/23 20:05	1
M2-6:2 FTS	103		25 - 150	09/11/23 21:41	09/12/23 20:05	1
M2-8:2 FTS	190	*5+	25 - 150	09/11/23 21:41	09/12/23 20:05	1
13C3 HFPO-DA	83		25 - 150	09/11/23 21:41	09/12/23 20:05	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(195-217)-202308

Lab Sample ID: 320-104400-37

Date Collected: 08/28/23 12:25

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.8		5.8	2.8	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluoropentanoic acid (PFPeA)	<0.57		2.3	0.57	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorohexanoic acid (PFHxA)	0.87	J	2.3	0.68	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluoroheptanoic acid (PFHpA)	<0.29		2.3	0.29	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorooctanoic acid (PFOA)	<0.99		2.3	0.99	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorononanoic acid (PFNA)	<0.31		2.3	0.31	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorodecanoic acid (PFDA)	<0.36		2.3	0.36	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.3	1.3	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorododecanoic acid (PFDoA)	<0.64		2.3	0.64	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorotridecanoic acid (PFTrDA)	<1.5		2.3	1.5	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorotetradecanoic acid (PFTeA)	<0.85		2.3	0.85	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorobutanesulfonic acid (PFBS)	<0.23		2.3	0.23	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluoropentanesulfonic acid (PFPeS)	<0.35		2.3	0.35	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.3	0.66	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.22		2.3	0.22	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorooctanesulfonic acid (PFOS)	<0.63		2.3	0.63	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorononanesulfonic acid (PFNS)	<0.43		2.3	0.43	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorodecanesulfonic acid (PFDS)	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 20:15	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.3	1.1	ng/L		09/11/23 21:41	09/12/23 20:15	1
NEtFOSA	<1.0		2.3	1.0	ng/L		09/11/23 21:41	09/12/23 20:15	1
NMeFOSA	<0.50		2.3	0.50	ng/L		09/11/23 21:41	09/12/23 20:15	1
NMeFOSAA	<1.4		5.8	1.4	ng/L		09/11/23 21:41	09/12/23 20:15	1
NEtFOSAA	<1.5		5.8	1.5	ng/L		09/11/23 21:41	09/12/23 20:15	1
NMeFOSE	<1.6		4.7	1.6	ng/L		09/11/23 21:41	09/12/23 20:15	1
NEtFOSE	<0.99		2.3	0.99	ng/L		09/11/23 21:41	09/12/23 20:15	1
4:2 FTS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 20:15	1
6:2 FTS	<2.9		5.8	2.9	ng/L		09/11/23 21:41	09/12/23 20:15	1
8:2 FTS	<0.54		2.3	0.54	ng/L		09/11/23 21:41	09/12/23 20:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.47		2.3	0.47	ng/L		09/11/23 21:41	09/12/23 20:15	1
HFPO-DA (GenX)	<1.7		4.7	1.7	ng/L		09/11/23 21:41	09/12/23 20:15	1
9Cl-PF3ONS	<0.28		2.3	0.28	ng/L		09/11/23 21:41	09/12/23 20:15	1
11Cl-PF3OUdS	<0.37		2.3	0.37	ng/L		09/11/23 21:41	09/12/23 20:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C5 PFPeA	94		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C2 PFHxA	97		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C4 PFHpA	97		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C4 PFOA	98		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C5 PFNA	96		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C2 PFDA	102		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C2 PFUnA	99		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C2 PFDoA	87		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C2 PFTeDA	94		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C3 PFBS	98		25 - 150	09/11/23 21:41	09/12/23 20:15	1
18O2 PFHxS	94		25 - 150	09/11/23 21:41	09/12/23 20:15	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(195-217)-202308

Lab Sample ID: 320-104400-37

Date Collected: 08/28/23 12:25

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	91		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C8 FOSA	100		10 - 150	09/11/23 21:41	09/12/23 20:15	1
d3-NMeFOSAA	87		25 - 150	09/11/23 21:41	09/12/23 20:15	1
d5-NEtFOSAA	98		25 - 150	09/11/23 21:41	09/12/23 20:15	1
d-N-MeFOSA-M	84		10 - 150	09/11/23 21:41	09/12/23 20:15	1
d-N-EtFOSA-M	91		10 - 150	09/11/23 21:41	09/12/23 20:15	1
d7-N-MeFOSE-M	88		10 - 150	09/11/23 21:41	09/12/23 20:15	1
d9-N-EtFOSE-M	87		10 - 150	09/11/23 21:41	09/12/23 20:15	1
M2-4:2 FTS	84		25 - 150	09/11/23 21:41	09/12/23 20:15	1
M2-6:2 FTS	102		25 - 150	09/11/23 21:41	09/12/23 20:15	1
M2-8:2 FTS	112		25 - 150	09/11/23 21:41	09/12/23 20:15	1
13C3 HFPO-DA	87		25 - 150	09/11/23 21:41	09/12/23 20:15	1

Client Sample ID: MP-07-(155-192)-202308

Lab Sample ID: 320-104400-38

Date Collected: 08/28/23 12:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.0	J	5.0	2.4	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluoropentanoic acid (PFPeA)	12		2.0	0.49	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorohexanoic acid (PFHxA)	8.1		2.0	0.58	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluoroheptanoic acid (PFHpA)	2.8		2.0	0.25	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorooctanoic acid (PFOA)	2.3		2.0	0.86	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/13/23 21:34	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/11/23 21:41	09/13/23 21:34	1
NEtFOSA	<0.88		2.0	0.88	ng/L		09/11/23 21:41	09/13/23 21:34	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/13/23 21:34	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/13/23 21:34	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/13/23 21:34	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/13/23 21:34	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/13/23 21:34	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/13/23 21:34	1
6:2 FTS	32		5.0	2.5	ng/L		09/11/23 21:41	09/13/23 21:34	1
8:2 FTS	0.78	J	2.0	0.46	ng/L		09/11/23 21:41	09/13/23 21:34	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(155-192)-202308

Lab Sample ID: 320-104400-38

Date Collected: 08/28/23 12:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/13/23 21:34	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/13/23 21:34	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/13/23 21:34	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/13/23 21:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C5 PFPeA	92		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C2 PFHxA	95		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C4 PFHpA	92		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C4 PFOA	98		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C5 PFNA	93		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C2 PFDA	99		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C2 PFUnA	101		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C2 PFDoA	92		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C2 PFTeDA	86		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C3 PFBS	97		25 - 150				09/11/23 21:41	09/13/23 21:34	1
18O2 PFHxS	93		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C4 PFOS	89		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C8 FOSA	109		10 - 150				09/11/23 21:41	09/13/23 21:34	1
d3-NMeFOSAA	61		25 - 150				09/11/23 21:41	09/13/23 21:34	1
d5-NEtFOSAA	93		25 - 150				09/11/23 21:41	09/13/23 21:34	1
d-N-MeFOSA-M	32		10 - 150				09/11/23 21:41	09/13/23 21:34	1
d-N-EtFOSA-M	79		10 - 150				09/11/23 21:41	09/13/23 21:34	1
d7-N-MeFOSE-M	52		10 - 150				09/11/23 21:41	09/13/23 21:34	1
d9-N-EtFOSE-M	88		10 - 150				09/11/23 21:41	09/13/23 21:34	1
M2-4:2 FTS	82		25 - 150				09/11/23 21:41	09/13/23 21:34	1
M2-6:2 FTS	96		25 - 150				09/11/23 21:41	09/13/23 21:34	1
M2-8:2 FTS	148		25 - 150				09/11/23 21:41	09/13/23 21:34	1
13C3 HFPO-DA	86		25 - 150				09/11/23 21:41	09/13/23 21:34	1

Client Sample ID: MP-07-(115-152)-202308

Lab Sample ID: 320-104400-39

Date Collected: 08/28/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	48		5.5	2.6	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluoropentanoic acid (PFPeA)	250		2.2	0.54	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorohexanoic acid (PFHxA)	160		2.2	0.64	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluoroheptanoic acid (PFHpA)	47		2.2	0.27	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorooctanoic acid (PFOA)	45		2.2	0.93	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorononanoic acid (PFNA)	2.4		2.2	0.30	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorodecanoic acid (PFDA)	<0.34		2.2	0.34	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorododecanoic acid (PFDoA)	<0.60		2.2	0.60	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.2	1.4	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorotetradecanoic acid (PFTeA)	<0.80		2.2	0.80	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorobutanesulfonic acid (PFBS)	<0.22		2.2	0.22	ng/L		09/11/23 21:41	09/12/23 20:35	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(115-152)-202308

Lab Sample ID: 320-104400-39

Date Collected: 08/28/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.33		2.2	0.33	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	2.2	0.63	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorooctanesulfonic acid (PFOS)	1.0	J	2.2	0.59	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorononanesulfonic acid (PFNS)	<0.41		2.2	0.41	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorodecanesulfonic acid (PFDS)	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 20:35	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/11/23 21:41	09/12/23 20:35	1
NEtFOSA	<0.96		2.2	0.96	ng/L		09/11/23 21:41	09/12/23 20:35	1
NMeFOSA	<0.47		2.2	0.47	ng/L		09/11/23 21:41	09/12/23 20:35	1
NMeFOSAA	<1.3		5.5	1.3	ng/L		09/11/23 21:41	09/12/23 20:35	1
NEtFOSAA	<1.4		5.5	1.4	ng/L		09/11/23 21:41	09/12/23 20:35	1
NMeFOSE	<1.5		4.4	1.5	ng/L		09/11/23 21:41	09/12/23 20:35	1
NEtFOSE	<0.93		2.2	0.93	ng/L		09/11/23 21:41	09/12/23 20:35	1
4:2 FTS	5.6		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 20:35	1
8:2 FTS	19		2.2	0.51	ng/L		09/11/23 21:41	09/12/23 20:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.44		2.2	0.44	ng/L		09/11/23 21:41	09/12/23 20:35	1
HFPO-DA (GenX)	<1.6		4.4	1.6	ng/L		09/11/23 21:41	09/12/23 20:35	1
9Cl-PF3ONS	<0.26		2.2	0.26	ng/L		09/11/23 21:41	09/12/23 20:35	1
11Cl-PF3OUdS	<0.35		2.2	0.35	ng/L		09/11/23 21:41	09/12/23 20:35	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C5 PFPeA	88		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C2 PFHxA	93		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C4 PFHpA	104		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C4 PFOA	102		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C5 PFNA	98		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C2 PFDA	100		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C2 PFUnA	100		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C2 PFDoA	87		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C2 PFTeDA	91		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C3 PFBS	99		25 - 150	09/11/23 21:41	09/12/23 20:35	1
18O2 PFHxS	100		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C4 PFOS	96		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C8 FOSA	98		10 - 150	09/11/23 21:41	09/12/23 20:35	1
d3-NMeFOSAA	91		25 - 150	09/11/23 21:41	09/12/23 20:35	1
d5-NEtFOSAA	94		25 - 150	09/11/23 21:41	09/12/23 20:35	1
d-N-MeFOSA-M	83		10 - 150	09/11/23 21:41	09/12/23 20:35	1
d-N-EtFOSA-M	85		10 - 150	09/11/23 21:41	09/12/23 20:35	1
d7-N-MeFOSE-M	92		10 - 150	09/11/23 21:41	09/12/23 20:35	1
d9-N-EtFOSE-M	87		10 - 150	09/11/23 21:41	09/12/23 20:35	1
M2-4:2 FTS	99		25 - 150	09/11/23 21:41	09/12/23 20:35	1
M2-8:2 FTS	107		25 - 150	09/11/23 21:41	09/12/23 20:35	1
13C3 HFPO-DA	88		25 - 150	09/11/23 21:41	09/12/23 20:35	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(115-152)-202308

Lab Sample ID: 320-104400-39

Date Collected: 08/28/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	850		27	14	ng/L		09/11/23 21:41	09/13/23 22:05	5
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
<i>M2-6:2 FTS</i>	96		25 - 150						
							<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
							09/11/23 21:41	09/13/23 22:05	5

Client Sample ID: MP-07-(80-112)-202308

Lab Sample ID: 320-104400-40

Date Collected: 08/28/23 13:35

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.4	J	6.4	3.1	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluoropentanoic acid (PFPeA)	3.1		2.6	0.63	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorohexanoic acid (PFHxA)	4.0		2.6	0.75	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluoroheptanoic acid (PFHpA)	0.80	J	2.6	0.32	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorooctanoic acid (PFOA)	1.1	J	2.6	1.1	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorononanoic acid (PFNA)	<0.35		2.6	0.35	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorodecanoic acid (PFDA)	<0.40		2.6	0.40	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.6	1.4	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorododecanoic acid (PFDoA)	<0.71		2.6	0.71	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorotridecanoic acid (PFTrDA)	<1.7		2.6	1.7	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.94		2.6	0.94	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorobutanesulfonic acid (PFBS)	6.5		2.6	0.26	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluoropentanesulfonic acid (PFPeS)	<0.39		2.6	0.39	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorohexanesulfonic acid (PFHxS)	2.5	J	2.6	0.73	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.24		2.6	0.24	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorooctanesulfonic acid (PFOS)	13		2.6	0.69	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorononanesulfonic acid (PFNS)	<0.48		2.6	0.48	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.41		2.6	0.41	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.6	1.2	ng/L		09/11/23 21:41	09/13/23 21:45	1
Perfluorooctanesulfonamide (FOSA)	<1.3		2.6	1.3	ng/L		09/11/23 21:41	09/13/23 21:45	1
NEtFOSA	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/13/23 21:45	1
NMeFOSA	<0.55		2.6	0.55	ng/L		09/11/23 21:41	09/13/23 21:45	1
NMeFOSAA	<1.5		6.4	1.5	ng/L		09/11/23 21:41	09/13/23 21:45	1
NEtFOSAA	<1.7		6.4	1.7	ng/L		09/11/23 21:41	09/13/23 21:45	1
NMeFOSE	<1.8		5.1	1.8	ng/L		09/11/23 21:41	09/13/23 21:45	1
NEtFOSE	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/13/23 21:45	1
4:2 FTS	<0.31		2.6	0.31	ng/L		09/11/23 21:41	09/13/23 21:45	1
6:2 FTS	12		6.4	3.2	ng/L		09/11/23 21:41	09/13/23 21:45	1
8:2 FTS	4.1		2.6	0.59	ng/L		09/11/23 21:41	09/13/23 21:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.51		2.6	0.51	ng/L		09/11/23 21:41	09/13/23 21:45	1
HFPO-DA (GenX)	<1.9		5.1	1.9	ng/L		09/11/23 21:41	09/13/23 21:45	1
9CI-PF3ONS	<0.31		2.6	0.31	ng/L		09/11/23 21:41	09/13/23 21:45	1
11CI-PF3OUdS	<0.41		2.6	0.41	ng/L		09/11/23 21:41	09/13/23 21:45	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(80-112)-202308

Lab Sample ID: 320-104400-40

Date Collected: 08/28/23 13:35

Matrix: Water

Date Received: 08/31/23 10:15

<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	88		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C5 PFPeA	96		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C2 PFHxA	91		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C4 PFHpA	94		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C4 PFOA	97		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C5 PFNA	99		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C2 PFDA	97		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C2 PFUnA	96		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C2 PFDoA	90		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C2 PFTeDA	84		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C3 PFBS	99		25 - 150	09/11/23 21:41	09/13/23 21:45	1
18O2 PFHxS	95		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C4 PFOS	90		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C8 FOSA	104		10 - 150	09/11/23 21:41	09/13/23 21:45	1
d3-NMeFOSAA	74		25 - 150	09/11/23 21:41	09/13/23 21:45	1
d5-NEtFOSAA	84		25 - 150	09/11/23 21:41	09/13/23 21:45	1
d-N-MeFOSA-M	54		10 - 150	09/11/23 21:41	09/13/23 21:45	1
d-N-EtFOSA-M	79		10 - 150	09/11/23 21:41	09/13/23 21:45	1
d7-N-MeFOSE-M	69		10 - 150	09/11/23 21:41	09/13/23 21:45	1
d9-N-EtFOSE-M	82		10 - 150	09/11/23 21:41	09/13/23 21:45	1
M2-4:2 FTS	89		25 - 150	09/11/23 21:41	09/13/23 21:45	1
M2-6:2 FTS	89		25 - 150	09/11/23 21:41	09/13/23 21:45	1
M2-8:2 FTS	139		25 - 150	09/11/23 21:41	09/13/23 21:45	1
13C3 HFPO-DA	84		25 - 150	09/11/23 21:41	09/13/23 21:45	1

Client Sample ID: MP-07-(48-77)-202308

Lab Sample ID: 320-104400-41

Date Collected: 08/28/23 13:55

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<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)	3.2	J	6.6	3.2	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluoropentanoic acid (PFPeA)	<0.64		2.6	0.64	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorohexanoic acid (PFHxA)	0.84	J	2.6	0.76	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluoroheptanoic acid (PFHpA)	<0.33		2.6	0.33	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorooctanoic acid (PFOA)	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorononanoic acid (PFNA)	<0.36		2.6	0.36	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorodecanoic acid (PFDA)	<0.41		2.6	0.41	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.6	1.4	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorododecanoic acid (PFDoA)	<0.72		2.6	0.72	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorotridecanoic acid (PFTTrDA)	<1.7		2.6	1.7	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorotetradecanoic acid (PFTeA)	<0.96		2.6	0.96	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorobutanesulfonic acid (PFBS)	6.2		2.6	0.26	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.39		2.6	0.39	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.75		2.6	0.75	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.25		2.6	0.25	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorooctanesulfonic acid (PFOS)	<0.71		2.6	0.71	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorononanesulfonic acid (PFNS)	<0.49		2.6	0.49	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorodecanesulfonic acid (PFDS)	<0.42		2.6	0.42	ng/L		09/11/23 21:41	09/12/23 20:56	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(48-77)-202308

Lab Sample ID: 320-104400-41

Date Collected: 08/28/23 13:55

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	<1.3		2.6	1.3	ng/L		09/11/23 21:41	09/12/23 20:56	1
Perfluorooctanesulfonamide (FOSA)	<1.3		2.6	1.3	ng/L		09/11/23 21:41	09/12/23 20:56	1
NEtFOSA	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 20:56	1
NMeFOSA	<0.57		2.6	0.57	ng/L		09/11/23 21:41	09/12/23 20:56	1
NMeFOSAA	<1.6		6.6	1.6	ng/L		09/11/23 21:41	09/12/23 20:56	1
NEtFOSAA	<1.7		6.6	1.7	ng/L		09/11/23 21:41	09/12/23 20:56	1
NMeFOSE	<1.8		5.3	1.8	ng/L		09/11/23 21:41	09/12/23 20:56	1
NEtFOSE	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 20:56	1
4:2 FTS	<0.32		2.6	0.32	ng/L		09/11/23 21:41	09/12/23 20:56	1
6:2 FTS	<3.3		6.6	3.3	ng/L		09/11/23 21:41	09/12/23 20:56	1
8:2 FTS	<0.61		2.6	0.61	ng/L		09/11/23 21:41	09/12/23 20:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.53		2.6	0.53	ng/L		09/11/23 21:41	09/12/23 20:56	1
HFPO-DA (GenX)	<2.0		5.3	2.0	ng/L		09/11/23 21:41	09/12/23 20:56	1
9Cl-PF3ONS	<0.32		2.6	0.32	ng/L		09/11/23 21:41	09/12/23 20:56	1
11Cl-PF3OUdS	<0.42		2.6	0.42	ng/L		09/11/23 21:41	09/12/23 20:56	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C5 PFPeA	94		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C2 PFHxA	95		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C4 PFHpA	99		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C4 PFOA	97		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C5 PFNA	96		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C2 PFDA	104		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C2 PFUnA	99		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C2 PFDoA	98		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C2 PFTeDA	92		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C3 PFBS	104		25 - 150				09/11/23 21:41	09/12/23 20:56	1
18O2 PFHxS	98		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C4 PFOS	91		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C8 FOSA	102		10 - 150				09/11/23 21:41	09/12/23 20:56	1
d3-NMeFOSAA	88		25 - 150				09/11/23 21:41	09/12/23 20:56	1
d5-NEtFOSAA	92		25 - 150				09/11/23 21:41	09/12/23 20:56	1
d-N-MeFOSA-M	84		10 - 150				09/11/23 21:41	09/12/23 20:56	1
d-N-EtFOSA-M	85		10 - 150				09/11/23 21:41	09/12/23 20:56	1
d7-N-MeFOSE-M	88		10 - 150				09/11/23 21:41	09/12/23 20:56	1
d9-N-EtFOSE-M	89		10 - 150				09/11/23 21:41	09/12/23 20:56	1
M2-4:2 FTS	91		25 - 150				09/11/23 21:41	09/12/23 20:56	1
M2-6:2 FTS	98		25 - 150				09/11/23 21:41	09/12/23 20:56	1
M2-8:2 FTS	99		25 - 150				09/11/23 21:41	09/12/23 20:56	1
13C3 HFPO-DA	91		25 - 150				09/11/23 21:41	09/12/23 20:56	1

Client Sample ID: MP-08-(220-246)-202308

Lab Sample ID: 320-104400-42

Date Collected: 08/28/23 10:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.9		6.1	2.9	ng/L		09/11/23 21:41	09/12/23 21:06	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(220-246)-202308

Lab Sample ID: 320-104400-42

Date Collected: 08/28/23 10:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	<0.60		2.4	0.60	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorohexanoic acid (PFHxA)	0.82	J	2.4	0.71	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluoroheptanoic acid (PFHpA)	<0.31		2.4	0.31	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorooctanoic acid (PFOA)	<1.0		2.4	1.0	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorononanoic acid (PFNA)	<0.33		2.4	0.33	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorodecanoic acid (PFDA)	<0.38		2.4	0.38	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorododecanoic acid (PFDoA)	<0.67		2.4	0.67	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorotridecanoic acid (PFTrDA)	<1.6		2.4	1.6	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorotetradecanoic acid (PFTeA)	<0.89		2.4	0.89	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorobutanesulfonic acid (PFBS)	<0.24		2.4	0.24	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.4	0.37	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorohexanesulfonic acid (PFHxS)	<0.70		2.4	0.70	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		2.4	0.66	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.4	0.45	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.4	0.39	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/11/23 21:41	09/12/23 21:06	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/11/23 21:41	09/12/23 21:06	1
NEtFOSA	<1.1		2.4	1.1	ng/L		09/11/23 21:41	09/12/23 21:06	1
NMeFOSA	<0.53		2.4	0.53	ng/L		09/11/23 21:41	09/12/23 21:06	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/11/23 21:41	09/12/23 21:06	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/11/23 21:41	09/12/23 21:06	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/11/23 21:41	09/12/23 21:06	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/11/23 21:41	09/12/23 21:06	1
4:2 FTS	<0.29		2.4	0.29	ng/L		09/11/23 21:41	09/12/23 21:06	1
6:2 FTS	<3.1		6.1	3.1	ng/L		09/11/23 21:41	09/12/23 21:06	1
8:2 FTS	<0.56		2.4	0.56	ng/L		09/11/23 21:41	09/12/23 21:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.4	0.49	ng/L		09/11/23 21:41	09/12/23 21:06	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/11/23 21:41	09/12/23 21:06	1
9Cl-PF3ONS	<0.29		2.4	0.29	ng/L		09/11/23 21:41	09/12/23 21:06	1
11Cl-PF3OUdS	<0.39		2.4	0.39	ng/L		09/11/23 21:41	09/12/23 21:06	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C5 PFPeA	92		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C2 PFHxA	81		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C4 PFHpA	95		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C4 PFOA	101		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C5 PFNA	93		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C2 PFDA	90		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C2 PFUnA	83		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C2 PFDoA	83		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C2 PFTeDA	81		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C3 PFBS	98		25 - 150	09/11/23 21:41	09/12/23 21:06	1
18O2 PFHxS	88		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C4 PFOS	88		25 - 150	09/11/23 21:41	09/12/23 21:06	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(220-246)-202308

Lab Sample ID: 320-104400-42

Date Collected: 08/28/23 10:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	97		10 - 150	09/11/23 21:41	09/12/23 21:06	1
d3-NMeFOSAA	83		25 - 150	09/11/23 21:41	09/12/23 21:06	1
d5-NEtFOSAA	85		25 - 150	09/11/23 21:41	09/12/23 21:06	1
d-N-MeFOSA-M	75		10 - 150	09/11/23 21:41	09/12/23 21:06	1
d-N-EtFOSA-M	80		10 - 150	09/11/23 21:41	09/12/23 21:06	1
d7-N-MeFOSE-M	81		10 - 150	09/11/23 21:41	09/12/23 21:06	1
d9-N-EtFOSE-M	81		10 - 150	09/11/23 21:41	09/12/23 21:06	1
M2-4:2 FTS	89		25 - 150	09/11/23 21:41	09/12/23 21:06	1
M2-6:2 FTS	100		25 - 150	09/11/23 21:41	09/12/23 21:06	1
M2-8:2 FTS	90		25 - 150	09/11/23 21:41	09/12/23 21:06	1
13C3 HFPO-DA	86		25 - 150	09/11/23 21:41	09/12/23 21:06	1

Client Sample ID: MP-08-(195-217)-202308

Lab Sample ID: 320-104400-43

Date Collected: 08/28/23 10:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorohexanoic acid (PFHxA)	0.74	J	2.0	0.58	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorobutanesulfonic acid (PFBS)	0.29	J	2.0	0.20	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/11/23 21:41	09/12/23 21:17	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/12/23 21:17	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/11/23 21:41	09/12/23 21:17	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/12/23 21:17	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/12/23 21:17	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/12/23 21:17	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/12/23 21:17	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/11/23 21:41	09/12/23 21:17	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:17	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 21:41	09/12/23 21:17	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 21:41	09/12/23 21:17	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(195-217)-202308

Lab Sample ID: 320-104400-43

Date Collected: 08/28/23 10:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/12/23 21:17	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/12/23 21:17	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:17	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C5 PFPeA	96		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C2 PFHxA	94		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C4 PFHpA	102		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C4 PFOA	102		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C5 PFNA	101		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C2 PFDA	100		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C2 PFUnA	88		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C2 PFDoA	91		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C2 PFTeDA	84		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C3 PFBS	95		25 - 150				09/11/23 21:41	09/12/23 21:17	1
18O2 PFHxS	92		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C4 PFOS	94		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C8 FOSA	101		10 - 150				09/11/23 21:41	09/12/23 21:17	1
d3-NMeFOSAA	82		25 - 150				09/11/23 21:41	09/12/23 21:17	1
d5-NEtFOSAA	92		25 - 150				09/11/23 21:41	09/12/23 21:17	1
d-N-MeFOSA-M	79		10 - 150				09/11/23 21:41	09/12/23 21:17	1
d-N-EtFOSA-M	83		10 - 150				09/11/23 21:41	09/12/23 21:17	1
d7-N-MeFOSE-M	81		10 - 150				09/11/23 21:41	09/12/23 21:17	1
d9-N-EtFOSE-M	81		10 - 150				09/11/23 21:41	09/12/23 21:17	1
M2-4:2 FTS	92		25 - 150				09/11/23 21:41	09/12/23 21:17	1
M2-6:2 FTS	95		25 - 150				09/11/23 21:41	09/12/23 21:17	1
M2-8:2 FTS	93		25 - 150				09/11/23 21:41	09/12/23 21:17	1
13C3 HFPO-DA	89		25 - 150				09/11/23 21:41	09/12/23 21:17	1

Client Sample ID: MP-08-(155-192)-202308

Lab Sample ID: 320-104400-44

Date Collected: 08/28/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorohexanoic acid (PFHxA)	0.70	J	2.0	0.58	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorooctanoic acid (PFOA)	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 21:41	09/12/23 21:47	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(155-192)-202308

Lab Sample ID: 320-104400-44

Date Collected: 08/28/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/12/23 21:47	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/11/23 21:41	09/12/23 21:47	1
NEtFOSA	<0.88		2.0	0.88	ng/L		09/11/23 21:41	09/12/23 21:47	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/12/23 21:47	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/12/23 21:47	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/12/23 21:47	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/12/23 21:47	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 21:47	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:47	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 21:41	09/12/23 21:47	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 21:41	09/12/23 21:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/12/23 21:47	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/12/23 21:47	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:47	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:47	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C5 PFPeA	92		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C2 PFHxA	97		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C4 PFHpA	97		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C4 PFOA	103		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C5 PFNA	106		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C2 PFDA	105		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C2 PFUnA	107		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C2 PFDoA	103		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C2 PFTeDA	94		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C3 PFBS	101		25 - 150	09/11/23 21:41	09/12/23 21:47	1
18O2 PFHxS	99		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C4 PFOS	99		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C8 FOSA	107		10 - 150	09/11/23 21:41	09/12/23 21:47	1
d3-NMeFOSAA	73		25 - 150	09/11/23 21:41	09/12/23 21:47	1
d5-NEtFOSAA	103		25 - 150	09/11/23 21:41	09/12/23 21:47	1
d-N-MeFOSA-M	45		10 - 150	09/11/23 21:41	09/12/23 21:47	1
d-N-EtFOSA-M	83		10 - 150	09/11/23 21:41	09/12/23 21:47	1
d7-N-MeFOSE-M	59		10 - 150	09/11/23 21:41	09/12/23 21:47	1
d9-N-EtFOSE-M	89		10 - 150	09/11/23 21:41	09/12/23 21:47	1
M2-4:2 FTS	105		25 - 150	09/11/23 21:41	09/12/23 21:47	1
M2-6:2 FTS	98		25 - 150	09/11/23 21:41	09/12/23 21:47	1
M2-8:2 FTS	148		25 - 150	09/11/23 21:41	09/12/23 21:47	1
13C3 HFPO-DA	90		25 - 150	09/11/23 21:41	09/12/23 21:47	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(115-152)-202308

Lab Sample ID: 320-104400-45

Date Collected: 08/28/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.1	2.4	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluoropentanoic acid (PFPeA)	0.94	J	2.0	0.50	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorohexanoic acid (PFHxA)	1.3	J	2.0	0.59	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorooctanoic acid (PFOA)	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorododecanoic acid (PFDoA)	<0.56		2.0	0.56	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorotetradecanoic acid (PFTeA)	<0.74		2.0	0.74	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorohexanesulfonic acid (PFHxS)	<0.58		2.0	0.58	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorooctanesulfonic acid (PFOS)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.0	0.38	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/12/23 21:58	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/11/23 21:41	09/12/23 21:58	1
NEtFOSA	<0.88		2.0	0.88	ng/L		09/11/23 21:41	09/12/23 21:58	1
NMeFOSA	<0.44		2.0	0.44	ng/L		09/11/23 21:41	09/12/23 21:58	1
NMeFOSAA	<1.2		5.1	1.2	ng/L		09/11/23 21:41	09/12/23 21:58	1
NEtFOSAA	<1.3		5.1	1.3	ng/L		09/11/23 21:41	09/12/23 21:58	1
NMeFOSE	<1.4		4.1	1.4	ng/L		09/11/23 21:41	09/12/23 21:58	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/11/23 21:41	09/12/23 21:58	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:58	1
6:2 FTS	<2.5		5.1	2.5	ng/L		09/11/23 21:41	09/12/23 21:58	1
8:2 FTS	<0.47		2.0	0.47	ng/L		09/11/23 21:41	09/12/23 21:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.0	0.41	ng/L		09/11/23 21:41	09/12/23 21:58	1
HFPO-DA (GenX)	<1.5		4.1	1.5	ng/L		09/11/23 21:41	09/12/23 21:58	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 21:58	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 21:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C5 PFPeA	94		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C2 PFHxA	95		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C4 PFHpA	98		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C4 PFOA	102		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C5 PFNA	101		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C2 PFDA	103		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C2 PFUnA	102		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C2 PFDoA	91		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C2 PFTeDA	95		25 - 150				09/11/23 21:41	09/12/23 21:58	1
13C3 PFBS	104		25 - 150				09/11/23 21:41	09/12/23 21:58	1
18O2 PFHxS	98		25 - 150				09/11/23 21:41	09/12/23 21:58	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(115-152)-202308

Lab Sample ID: 320-104400-45

Date Collected: 08/28/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	94		25 - 150	09/11/23 21:41	09/12/23 21:58	1
13C8 FOSA	123		10 - 150	09/11/23 21:41	09/12/23 21:58	1
d3-NMeFOSAA	63		25 - 150	09/11/23 21:41	09/12/23 21:58	1
d5-NEtFOSAA	97		25 - 150	09/11/23 21:41	09/12/23 21:58	1
d-N-MeFOSA-M	32		10 - 150	09/11/23 21:41	09/12/23 21:58	1
d-N-EtFOSA-M	81		10 - 150	09/11/23 21:41	09/12/23 21:58	1
d7-N-MeFOSE-M	49		10 - 150	09/11/23 21:41	09/12/23 21:58	1
d9-N-EtFOSE-M	86		10 - 150	09/11/23 21:41	09/12/23 21:58	1
M2-4:2 FTS	101		25 - 150	09/11/23 21:41	09/12/23 21:58	1
M2-6:2 FTS	102		25 - 150	09/11/23 21:41	09/12/23 21:58	1
M2-8:2 FTS	164	*5+	25 - 150	09/11/23 21:41	09/12/23 21:58	1
13C3 HFPO-DA	87		25 - 150	09/11/23 21:41	09/12/23 21:58	1

Client Sample ID: MP-08-(80-112)-202308

Lab Sample ID: 320-104400-46

Date Collected: 08/28/23 11:25

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Perfluorobutanoic acid (PFBA)	48		6.6	3.2	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluoropentanoic acid (PFPeA)	220		2.6	0.65	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorohexanoic acid (PFHxA)	130		2.6	0.76	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluoroheptanoic acid (PFHpA)	24		2.6	0.33	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorooctanoic acid (PFOA)	2.5 J		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorononanoic acid (PFNA)	<0.36		2.6	0.36	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorodecanoic acid (PFDA)	<0.41		2.6	0.41	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluoroundecanoic acid (PFUnA)	<1.4		2.6	1.4	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorododecanoic acid (PFDoA)	<0.72		2.6	0.72	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorotridecanoic acid (PFTrDA)	<1.7		2.6	1.7	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorotetradecanoic acid (PFTeA)	<0.96		2.6	0.96	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorobutanesulfonic acid (PFBS)	0.45 J		2.6	0.26	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.40		2.6	0.40	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorohexanesulfonic acid (PFHxS)	<0.75		2.6	0.75	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.25		2.6	0.25	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorooctanesulfonic acid (PFOS)	<0.71		2.6	0.71	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorononanesulfonic acid (PFNS)	<0.49		2.6	0.49	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorodecanesulfonic acid (PFDS)	<0.42		2.6	0.42	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorododecanesulfonic acid (PFDoS)	<1.3		2.6	1.3	ng/L		09/11/23 21:41	09/12/23 22:08	1
Perfluorooctanesulfonamide (FOSA)	<1.3		2.6	1.3	ng/L		09/11/23 21:41	09/12/23 22:08	1
NEtFOSA	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 22:08	1
NMeFOSA	<0.57		2.6	0.57	ng/L		09/11/23 21:41	09/12/23 22:08	1
NMeFOSAA	<1.6		6.6	1.6	ng/L		09/11/23 21:41	09/12/23 22:08	1
NEtFOSAA	<1.7		6.6	1.7	ng/L		09/11/23 21:41	09/12/23 22:08	1
NMeFOSE	<1.8		5.3	1.8	ng/L		09/11/23 21:41	09/12/23 22:08	1
NEtFOSE	<1.1		2.6	1.1	ng/L		09/11/23 21:41	09/12/23 22:08	1
4:2 FTS	8.0		2.6	0.32	ng/L		09/11/23 21:41	09/12/23 22:08	1
6:2 FTS	39		6.6	3.3	ng/L		09/11/23 21:41	09/12/23 22:08	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(80-112)-202308

Lab Sample ID: 320-104400-46

Date Collected: 08/28/23 11:25

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.61		2.6	0.61	ng/L		09/11/23 21:41	09/12/23 22:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.53		2.6	0.53	ng/L		09/11/23 21:41	09/12/23 22:08	1
HFPO-DA (GenX)	<2.0		5.3	2.0	ng/L		09/11/23 21:41	09/12/23 22:08	1
9CI-PF3ONS	<0.32		2.6	0.32	ng/L		09/11/23 21:41	09/12/23 22:08	1
11CI-PF3OUdS	<0.42		2.6	0.42	ng/L		09/11/23 21:41	09/12/23 22:08	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C5 PFPeA	84		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C2 PFHxA	93		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C4 PFHpA	90		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C4 PFOA	98		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C5 PFNA	101		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C2 PFDA	105		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C2 PFUnA	93		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C2 PFDoA	96		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C2 PFTeDA	92		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C3 PFBS	98		25 - 150				09/11/23 21:41	09/12/23 22:08	1
18O2 PFHxS	91		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C4 PFOS	93		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C8 FOSA	110		10 - 150				09/11/23 21:41	09/12/23 22:08	1
d3-NMeFOSAA	89		25 - 150				09/11/23 21:41	09/12/23 22:08	1
d5-NEtFOSAA	96		25 - 150				09/11/23 21:41	09/12/23 22:08	1
d-N-MeFOSA-M	75		10 - 150				09/11/23 21:41	09/12/23 22:08	1
d-N-EtFOSA-M	89		10 - 150				09/11/23 21:41	09/12/23 22:08	1
d7-N-MeFOSE-M	84		10 - 150				09/11/23 21:41	09/12/23 22:08	1
d9-N-EtFOSE-M	89		10 - 150				09/11/23 21:41	09/12/23 22:08	1
M2-4:2 FTS	91		25 - 150				09/11/23 21:41	09/12/23 22:08	1
M2-6:2 FTS	91		25 - 150				09/11/23 21:41	09/12/23 22:08	1
M2-8:2 FTS	136		25 - 150				09/11/23 21:41	09/12/23 22:08	1
13C3 HFPO-DA	91		25 - 150				09/11/23 21:41	09/12/23 22:08	1

Client Sample ID: MP-08-(48-77)-202308

Lab Sample ID: 320-104400-47

Date Collected: 08/28/23 11:45

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.8	J	5.6	2.7	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluoropentanoic acid (PFPeA)	<0.55		2.2	0.55	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorohexanoic acid (PFHxA)	<0.65		2.2	0.65	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluoroheptanoic acid (PFHpA)	<0.28		2.2	0.28	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorooctanoic acid (PFOA)	<0.96		2.2	0.96	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorononanoic acid (PFNA)	<0.30		2.2	0.30	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorodecanoic acid (PFDA)	<0.35		2.2	0.35	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.2	1.2	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorododecanoic acid (PFDoA)	<0.62		2.2	0.62	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorotridecanoic acid (PFTTrDA)	<1.5		2.2	1.5	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.82		2.2	0.82	ng/L		09/18/23 11:21	09/19/23 14:42	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(48-77)-202308

Lab Sample ID: 320-104400-47

Date Collected: 08/28/23 11:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	23		2.2	0.22	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.34		2.2	0.34	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.64		2.2	0.64	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.21		2.2	0.21	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.61		2.2	0.61	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorononanesulfonic acid (PFNS)	<0.42		2.2	0.42	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.36		2.2	0.36	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorododecanesulfonic acid (PFDoS)	<1.1		2.2	1.1	ng/L		09/18/23 11:21	09/19/23 14:42	1
Perfluorooctanesulfonamide (FOSA)	<1.1		2.2	1.1	ng/L		09/18/23 11:21	09/19/23 14:42	1
NEtFOSA	<0.98		2.2	0.98	ng/L		09/18/23 11:21	09/19/23 14:42	1
NMeFOSA	<0.48		2.2	0.48	ng/L		09/18/23 11:21	09/19/23 14:42	1
NMeFOSAA	<1.3		5.6	1.3	ng/L		09/18/23 11:21	09/19/23 14:42	1
NEtFOSAA	<1.5		5.6	1.5	ng/L		09/18/23 11:21	09/19/23 14:42	1
NMeFOSE	<1.6		4.5	1.6	ng/L		09/18/23 11:21	09/19/23 14:42	1
NEtFOSE	<0.96		2.2	0.96	ng/L		09/18/23 11:21	09/19/23 14:42	1
4:2 FTS	<0.27		2.2	0.27	ng/L		09/18/23 11:21	09/19/23 14:42	1
6:2 FTS	<2.8		5.6	2.8	ng/L		09/18/23 11:21	09/19/23 14:42	1
8:2 FTS	<0.52		2.2	0.52	ng/L		09/18/23 11:21	09/19/23 14:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.45		2.2	0.45	ng/L		09/18/23 11:21	09/19/23 14:42	1
HFPO-DA (GenX)	<1.7		4.5	1.7	ng/L		09/18/23 11:21	09/19/23 14:42	1
9Cl-PF3ONS	<0.27		2.2	0.27	ng/L		09/18/23 11:21	09/19/23 14:42	1
11Cl-PF3OUdS	<0.36		2.2	0.36	ng/L		09/18/23 11:21	09/19/23 14:42	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C5 PFPeA	76		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C2 PFHxA	86		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C4 PFHpA	89		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C4 PFOA	84		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C5 PFNA	89		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C2 PFDA	91		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C2 PFUnA	87		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C2 PFDoA	86		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C2 PFTeDA	81		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C3 PFBS	80		25 - 150	09/18/23 11:21	09/19/23 14:42	1
18O2 PFHxS	89		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C4 PFOS	85		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C8 FOSA	90		10 - 150	09/18/23 11:21	09/19/23 14:42	1
d3-NMeFOSAA	86		25 - 150	09/18/23 11:21	09/19/23 14:42	1
d5-NEtFOSAA	96		25 - 150	09/18/23 11:21	09/19/23 14:42	1
d-N-MeFOSA-M	62		10 - 150	09/18/23 11:21	09/19/23 14:42	1
d-N-EtFOSA-M	64		10 - 150	09/18/23 11:21	09/19/23 14:42	1
d7-N-MeFOSE-M	80		10 - 150	09/18/23 11:21	09/19/23 14:42	1
d9-N-EtFOSE-M	83		10 - 150	09/18/23 11:21	09/19/23 14:42	1
M2-4:2 FTS	74		25 - 150	09/18/23 11:21	09/19/23 14:42	1
M2-6:2 FTS	64		25 - 150	09/18/23 11:21	09/19/23 14:42	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(48-77)-202308

Lab Sample ID: 320-104400-47

Date Collected: 08/28/23 11:45

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	68		25 - 150	09/18/23 11:21	09/19/23 14:42	1
13C3 HFPO-DA	79		25 - 150	09/18/23 11:21	09/19/23 14:42	1

Client Sample ID: DUP-01-202308

Lab Sample ID: 320-104400-48

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		1.9	1.3	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorotetradecanoic acid (PFTTeA)	<0.71		1.9	0.71	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		09/18/23 11:21	09/19/23 14:53	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		09/18/23 11:21	09/19/23 14:53	1
NEtFOSA	<0.84		1.9	0.84	ng/L		09/18/23 11:21	09/19/23 14:53	1
NMeFOSA	<0.42		1.9	0.42	ng/L		09/18/23 11:21	09/19/23 14:53	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 14:53	1
NEtFOSAA	<1.3		4.8	1.3	ng/L		09/18/23 11:21	09/19/23 14:53	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/18/23 11:21	09/19/23 14:53	1
NEtFOSE	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 14:53	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 14:53	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 14:53	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 14:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		09/18/23 11:21	09/19/23 14:53	1
HFPO-DA (GenX)	<1.4		3.9	1.4	ng/L		09/18/23 11:21	09/19/23 14:53	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 14:53	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 14:53	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C4 PFBA	89		25 - 150	09/18/23 11:21	09/19/23 14:53	1			
13C5 PFPeA	80		25 - 150	09/18/23 11:21	09/19/23 14:53	1			
13C2 PFHxA	92		25 - 150	09/18/23 11:21	09/19/23 14:53	1			
13C4 PFHpA	92		25 - 150	09/18/23 11:21	09/19/23 14:53	1			

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-01-202308

Lab Sample ID: 320-104400-48

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOA	93		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C5 PFNA	92		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C2 PFDA	92		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C2 PFUnA	94		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C2 PFDoA	91		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C2 PFTeDA	86		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C3 PFBS	84		25 - 150	09/18/23 11:21	09/19/23 14:53	1
18O2 PFHxS	91		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C4 PFOS	88		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C8 FOSA	96		10 - 150	09/18/23 11:21	09/19/23 14:53	1
d3-NMeFOSAA	99		25 - 150	09/18/23 11:21	09/19/23 14:53	1
d5-NEtFOSAA	97		25 - 150	09/18/23 11:21	09/19/23 14:53	1
d-N-MeFOSA-M	66		10 - 150	09/18/23 11:21	09/19/23 14:53	1
d-N-EtFOSA-M	67		10 - 150	09/18/23 11:21	09/19/23 14:53	1
d7-N-MeFOSE-M	89		10 - 150	09/18/23 11:21	09/19/23 14:53	1
d9-N-EtFOSE-M	88		10 - 150	09/18/23 11:21	09/19/23 14:53	1
M2-4:2 FTS	77		25 - 150	09/18/23 11:21	09/19/23 14:53	1
M2-6:2 FTS	65		25 - 150	09/18/23 11:21	09/19/23 14:53	1
M2-8:2 FTS	70		25 - 150	09/18/23 11:21	09/19/23 14:53	1
13C3 HFPO-DA	83		25 - 150	09/18/23 11:21	09/19/23 14:53	1

Client Sample ID: DUP-02-202308

Lab Sample ID: 320-104400-49

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.1	J	5.3	2.6	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluoropentanoic acid (PFPeA)	13		2.1	0.52	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorohexanoic acid (PFHxA)	8.5		2.1	0.62	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluoroheptanoic acid (PFHpA)	2.9		2.1	0.27	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorooctanoic acid (PFOA)	2.8		2.1	0.91	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorononanoic acid (PFNA)	<0.29		2.1	0.29	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorodecanoic acid (PFDA)	<0.33		2.1	0.33	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluoroundecanoic acid (PFUnA)	<1.2		2.1	1.2	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorododecanoic acid (PFDoA)	<0.59		2.1	0.59	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorotridecanoic acid (PFTTrDA)	<1.4		2.1	1.4	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorotetradecanoic acid (PFTeA)	<0.78		2.1	0.78	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorobutanesulfonic acid (PFBS)	<0.21		2.1	0.21	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluoropentanesulfonic acid (PFPeS)	<0.32		2.1	0.32	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorohexanesulfonic acid (PFHxS)	<0.61		2.1	0.61	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorooctanesulfonic acid (PFOS)	<0.58		2.1	0.58	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorononanesulfonic acid (PFNS)	<0.40		2.1	0.40	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorodecanesulfonic acid (PFDS)	<0.34		2.1	0.34	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		09/18/23 11:21	09/19/23 15:05	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		09/18/23 11:21	09/19/23 15:05	1
NEtFOSA	<0.93		2.1	0.93	ng/L		09/18/23 11:21	09/19/23 15:05	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-02-202308

Lab Sample ID: 320-104400-49

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSA	<0.46		2.1	0.46	ng/L		09/18/23 11:21	09/19/23 15:05	1
NMeFOSAA	<1.3		5.3	1.3	ng/L		09/18/23 11:21	09/19/23 15:05	1
NEtFOSAA	<1.4		5.3	1.4	ng/L		09/18/23 11:21	09/19/23 15:05	1
NMeFOSE	<1.5		4.3	1.5	ng/L		09/18/23 11:21	09/19/23 15:05	1
NEtFOSE	<0.91		2.1	0.91	ng/L		09/18/23 11:21	09/19/23 15:05	1
4:2 FTS	<0.26		2.1	0.26	ng/L		09/18/23 11:21	09/19/23 15:05	1
6:2 FTS	44		5.3	2.7	ng/L		09/18/23 11:21	09/19/23 15:05	1
8:2 FTS	1.6 J		2.1	0.49	ng/L		09/18/23 11:21	09/19/23 15:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43		2.1	0.43	ng/L		09/18/23 11:21	09/19/23 15:05	1
HFPO-DA (GenX)	<1.6		4.3	1.6	ng/L		09/18/23 11:21	09/19/23 15:05	1
9Cl-PF3ONS	<0.26		2.1	0.26	ng/L		09/18/23 11:21	09/19/23 15:05	1
11Cl-PF3OUdS	<0.34		2.1	0.34	ng/L		09/18/23 11:21	09/19/23 15:05	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C5 PFPeA	74		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C2 PFHxA	89		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C4 PFHpA	87		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C4 PFOA	91		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C5 PFNA	88		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C2 PFDA	92		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C2 PFUnA	89		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C2 PFDoA	80		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C2 PFTeDA	81		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C3 PFBS	77		25 - 150				09/18/23 11:21	09/19/23 15:05	1
18O2 PFHxS	88		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C4 PFOS	82		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C8 FOSA	93		10 - 150				09/18/23 11:21	09/19/23 15:05	1
d3-NMeFOSAA	90		25 - 150				09/18/23 11:21	09/19/23 15:05	1
d5-NEtFOSAA	96		25 - 150				09/18/23 11:21	09/19/23 15:05	1
d-N-MeFOSA-M	63		10 - 150				09/18/23 11:21	09/19/23 15:05	1
d-N-EtFOSA-M	67		10 - 150				09/18/23 11:21	09/19/23 15:05	1
d7-N-MeFOSE-M	91		10 - 150				09/18/23 11:21	09/19/23 15:05	1
d9-N-EtFOSE-M	93		10 - 150				09/18/23 11:21	09/19/23 15:05	1
M2-4:2 FTS	77		25 - 150				09/18/23 11:21	09/19/23 15:05	1
M2-6:2 FTS	63		25 - 150				09/18/23 11:21	09/19/23 15:05	1
M2-8:2 FTS	69		25 - 150				09/18/23 11:21	09/19/23 15:05	1
13C3 HFPO-DA	83		25 - 150				09/18/23 11:21	09/19/23 15:05	1

Client Sample ID: DUP-03-202308

Lab Sample ID: 320-104400-50

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	170		5.4	2.6	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluoroheptanoic acid (PFHpA)	180		2.1	0.27	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorooctanoic acid (PFOA)	260		2.1	0.91	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorononanoic acid (PFNA)	16		2.1	0.29	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorodecanoic acid (PFDA)	1.6 J		2.1	0.33	ng/L		09/18/23 11:21	09/19/23 15:16	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-03-202308

Lab Sample ID: 320-104400-50

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	<1.2		2.1	1.2	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorododecanoic acid (PFDoA)	<0.59		2.1	0.59	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorotridecanoic acid (PFTrDA)	<1.4		2.1	1.4	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorotetradecanoic acid (PFTeA)	<0.78		2.1	0.78	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorobutanesulfonic acid (PFBS)	0.66	J	2.1	0.21	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluoropentanesulfonic acid (PFPeS)	0.55	J	2.1	0.32	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorohexanesulfonic acid (PFHxS)	3.6		2.1	0.61	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.20		2.1	0.20	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorooctanesulfonic acid (PFOS)	6.1		2.1	0.58	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorononanesulfonic acid (PFNS)	<0.40		2.1	0.40	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.34		2.1	0.34	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		09/18/23 11:21	09/19/23 15:16	1
Perfluorooctanesulfonamide (FOSA)	4.4		2.1	1.1	ng/L		09/18/23 11:21	09/19/23 15:16	1
NEtFOSA	<0.94		2.1	0.94	ng/L		09/18/23 11:21	09/19/23 15:16	1
NMeFOSA	<0.46		2.1	0.46	ng/L		09/18/23 11:21	09/19/23 15:16	1
NMeFOSAA	<1.3		5.4	1.3	ng/L		09/18/23 11:21	09/19/23 15:16	1
NEtFOSAA	<1.4		5.4	1.4	ng/L		09/18/23 11:21	09/19/23 15:16	1
NMeFOSE	<1.5		4.3	1.5	ng/L		09/18/23 11:21	09/19/23 15:16	1
NEtFOSE	<0.91		2.1	0.91	ng/L		09/18/23 11:21	09/19/23 15:16	1
4:2 FTS	42		2.1	0.26	ng/L		09/18/23 11:21	09/19/23 15:16	1
8:2 FTS	260		2.1	0.49	ng/L		09/18/23 11:21	09/19/23 15:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.43		2.1	0.43	ng/L		09/18/23 11:21	09/19/23 15:16	1
HFPO-DA (GenX)	<1.6		4.3	1.6	ng/L		09/18/23 11:21	09/19/23 15:16	1
9Cl-PF3ONS	<0.26		2.1	0.26	ng/L		09/18/23 11:21	09/19/23 15:16	1
11Cl-PF3OUdS	<0.34		2.1	0.34	ng/L		09/18/23 11:21	09/19/23 15:16	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C4 PFHpA	99		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C4 PFOA	93		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C5 PFNA	98		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C2 PFDA	104		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C2 PFUnA	101		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C2 PFDoA	98		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C2 PFTeDA	89		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C3 PFBS	88		25 - 150	09/18/23 11:21	09/19/23 15:16	1
18O2 PFHxS	98		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C4 PFOS	95		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C8 FOSA	106		10 - 150	09/18/23 11:21	09/19/23 15:16	1
d3-NMeFOSAA	108		25 - 150	09/18/23 11:21	09/19/23 15:16	1
d5-NEtFOSAA	108		25 - 150	09/18/23 11:21	09/19/23 15:16	1
d-N-MeFOSA-M	71		10 - 150	09/18/23 11:21	09/19/23 15:16	1
d-N-EtFOSA-M	71		10 - 150	09/18/23 11:21	09/19/23 15:16	1
d7-N-MeFOSE-M	100		10 - 150	09/18/23 11:21	09/19/23 15:16	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-03-202308

Lab Sample ID: 320-104400-50

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	99		10 - 150	09/18/23 11:21	09/19/23 15:16	1
M2-4:2 FTS	77		25 - 150	09/18/23 11:21	09/19/23 15:16	1
M2-8:2 FTS	73		25 - 150	09/18/23 11:21	09/19/23 15:16	1
13C3 HFPO-DA	93		25 - 150	09/18/23 11:21	09/19/23 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	870		43	11	ng/L		09/18/23 11:21	09/20/23 15:46	20
Perfluorohexanoic acid (PFHxA)	620		43	12	ng/L		09/18/23 11:21	09/20/23 15:46	20
6:2 FTS	4100		110	54	ng/L		09/18/23 11:21	09/20/23 15:46	20

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	118		25 - 150	09/18/23 11:21	09/20/23 15:46	20
13C2 PFHxA	111		25 - 150	09/18/23 11:21	09/20/23 15:46	20
M2-6:2 FTS	128		25 - 150	09/18/23 11:21	09/20/23 15:46	20

Client Sample ID: DUP-04-202308

Lab Sample ID: 320-104400-51

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	20		5.0	2.4	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluoropentanoic acid (PFPeA)	44		2.0	0.49	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorohexanoic acid (PFHxA)	30		2.0	0.58	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluoroheptanoic acid (PFHpA)	16		2.0	0.25	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorooctanoic acid (PFOA)	5.8		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorononanoic acid (PFNA)	0.80	J	2.0	0.27	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorobutanesulfonic acid (PFBS)	0.84	J	2.0	0.20	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/18/23 11:21	09/19/23 15:28	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/18/23 11:21	09/19/23 15:28	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/18/23 11:21	09/19/23 15:28	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/18/23 11:21	09/19/23 15:28	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/18/23 11:21	09/19/23 15:28	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/18/23 11:21	09/19/23 15:28	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/18/23 11:21	09/19/23 15:28	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 15:28	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-04-202308

Lab Sample ID: 320-104400-51

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4:2 FTS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 15:28	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/18/23 11:21	09/19/23 15:28	1
8:2 FTS	0.48	J	2.0	0.46	ng/L		09/18/23 11:21	09/19/23 15:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/18/23 11:21	09/19/23 15:28	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/18/23 11:21	09/19/23 15:28	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 15:28	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 15:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C5 PFPeA	81		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C2 PFHxA	92		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C4 PFHpA	93		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C4 PFOA	93		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C5 PFNA	93		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C2 PFDA	96		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C2 PFUnA	89		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C2 PFDoA	87		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C2 PFTeDA	84		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C3 PFBS	85		25 - 150				09/18/23 11:21	09/19/23 15:28	1
18O2 PFHxS	92		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C4 PFOS	90		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C8 FOSA	96		10 - 150				09/18/23 11:21	09/19/23 15:28	1
d3-NMeFOSAA	80		25 - 150				09/18/23 11:21	09/19/23 15:28	1
d5-NEtFOSAA	96		25 - 150				09/18/23 11:21	09/19/23 15:28	1
d-N-MeFOSA-M	61		10 - 150				09/18/23 11:21	09/19/23 15:28	1
d-N-EtFOSA-M	66		10 - 150				09/18/23 11:21	09/19/23 15:28	1
d7-N-MeFOSE-M	81		10 - 150				09/18/23 11:21	09/19/23 15:28	1
d9-N-EtFOSE-M	78		10 - 150				09/18/23 11:21	09/19/23 15:28	1
M2-4:2 FTS	77		25 - 150				09/18/23 11:21	09/19/23 15:28	1
M2-6:2 FTS	69		25 - 150				09/18/23 11:21	09/19/23 15:28	1
M2-8:2 FTS	75		25 - 150				09/18/23 11:21	09/19/23 15:28	1
13C3 HFPO-DA	87		25 - 150				09/18/23 11:21	09/19/23 15:28	1

Client Sample ID: DUP-05-202308

Lab Sample ID: 320-104400-52

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	47		6.1	2.9	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluoropentanoic acid (PFPeA)	160		2.4	0.60	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorohexanoic acid (PFHxA)	110		2.4	0.71	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluoroheptanoic acid (PFHpA)	95		2.4	0.31	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorooctanoic acid (PFOA)	83		2.4	1.0	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorononanoic acid (PFNA)	6.9		2.4	0.33	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorodecanoic acid (PFDA)	0.48	J	2.4	0.38	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorododecanoic acid (PFDoA)	<0.67		2.4	0.67	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorotridecanoic acid (PFTTrDA)	<1.6		2.4	1.6	ng/L		09/18/23 11:21	09/19/23 15:39	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-05-202308

Lab Sample ID: 320-104400-52

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeA)	<0.89		2.4	0.89	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorobutanesulfonic acid (PFBS)	0.58	J	2.4	0.24	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluoropentanesulfonic acid (PFPeS)	<0.37		2.4	0.37	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorohexanesulfonic acid (PFHxS)	<0.70		2.4	0.70	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.23		2.4	0.23	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorooctanesulfonic acid (PFOS)	<0.66		2.4	0.66	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorononanesulfonic acid (PFNS)	<0.45		2.4	0.45	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorodecanesulfonic acid (PFDS)	<0.39		2.4	0.39	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		09/18/23 11:21	09/19/23 15:39	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		09/18/23 11:21	09/19/23 15:39	1
NEtFOSA	<1.1		2.4	1.1	ng/L		09/18/23 11:21	09/19/23 15:39	1
NMeFOSA	<0.53		2.4	0.53	ng/L		09/18/23 11:21	09/19/23 15:39	1
NMeFOSAA	<1.5		6.1	1.5	ng/L		09/18/23 11:21	09/19/23 15:39	1
NEtFOSAA	<1.6		6.1	1.6	ng/L		09/18/23 11:21	09/19/23 15:39	1
NMeFOSE	<1.7		4.9	1.7	ng/L		09/18/23 11:21	09/19/23 15:39	1
NEtFOSE	<1.0		2.4	1.0	ng/L		09/18/23 11:21	09/19/23 15:39	1
4:2 FTS	<0.29		2.4	0.29	ng/L		09/18/23 11:21	09/19/23 15:39	1
6:2 FTS	<3.1		6.1	3.1	ng/L		09/18/23 11:21	09/19/23 15:39	1
8:2 FTS	1.2	J	2.4	0.56	ng/L		09/18/23 11:21	09/19/23 15:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.4	0.49	ng/L		09/18/23 11:21	09/19/23 15:39	1
HFPO-DA (GenX)	<1.8		4.9	1.8	ng/L		09/18/23 11:21	09/19/23 15:39	1
9Cl-PF3ONS	<0.29		2.4	0.29	ng/L		09/18/23 11:21	09/19/23 15:39	1
11Cl-PF3OUdS	<0.39		2.4	0.39	ng/L		09/18/23 11:21	09/19/23 15:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	81		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C5 PFPeA	71		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C2 PFHxA	86		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C4 PFHpA	84		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C4 PFOA	80		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C5 PFNA	82		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C2 PFDA	86		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C2 PFUnA	82		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C2 PFDoA	76		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C2 PFTeDA	79		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C3 PFBS	75		25 - 150	09/18/23 11:21	09/19/23 15:39	1
18O2 PFHxS	83		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C4 PFOS	78		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C8 FOSA	84		10 - 150	09/18/23 11:21	09/19/23 15:39	1
d3-NMeFOSAA	85		25 - 150	09/18/23 11:21	09/19/23 15:39	1
d5-NEtFOSAA	91		25 - 150	09/18/23 11:21	09/19/23 15:39	1
d-N-MeFOSA-M	64		10 - 150	09/18/23 11:21	09/19/23 15:39	1
d-N-EtFOSA-M	65		10 - 150	09/18/23 11:21	09/19/23 15:39	1
d7-N-MeFOSE-M	78		10 - 150	09/18/23 11:21	09/19/23 15:39	1
d9-N-EtFOSE-M	79		10 - 150	09/18/23 11:21	09/19/23 15:39	1
M2-4:2 FTS	68		25 - 150	09/18/23 11:21	09/19/23 15:39	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-05-202308

Lab Sample ID: 320-104400-52

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	60		25 - 150	09/18/23 11:21	09/19/23 15:39	1
M2-8:2 FTS	71		25 - 150	09/18/23 11:21	09/19/23 15:39	1
13C3 HFPO-DA	79		25 - 150	09/18/23 11:21	09/19/23 15:39	1

Client Sample ID: DUP-06-202308

Lab Sample ID: 320-104400-53

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	19		5.1	2.4	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoropentanoic acid (PFPeA)	90		2.0	0.50	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorohexanoic acid (PFHxA)	51		2.0	0.59	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoroheptanoic acid (PFHpA)	18		2.0	0.25	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorooctanoic acid (PFOA)	17		2.0	0.86	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorononanoic acid (PFNA)	1.4	J	2.0	0.27	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorododecanoic acid (PFDoA)	<0.56		2.0	0.56	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorotetradecanoic acid (PFTTeA)	<0.74		2.0	0.74	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorohexanesulfonic acid (PFHxS)	<0.58		2.0	0.58	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorooctanesulfonic acid (PFOS)	0.74	J	2.0	0.55	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluoronanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/18/23 11:21	09/19/23 16:13	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/18/23 11:21	09/19/23 16:13	1
NEtFOSA	<0.88		2.0	0.88	ng/L		09/18/23 11:21	09/19/23 16:13	1
NMeFOSA	<0.44		2.0	0.44	ng/L		09/18/23 11:21	09/19/23 16:13	1
NMeFOSAA	<1.2		5.1	1.2	ng/L		09/18/23 11:21	09/19/23 16:13	1
NEtFOSAA	<1.3		5.1	1.3	ng/L		09/18/23 11:21	09/19/23 16:13	1
NMeFOSE	<1.4		4.1	1.4	ng/L		09/18/23 11:21	09/19/23 16:13	1
NEtFOSE	<0.86		2.0	0.86	ng/L		09/18/23 11:21	09/19/23 16:13	1
4:2 FTS	0.80	J	2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:13	1
6:2 FTS	150		5.1	2.5	ng/L		09/18/23 11:21	09/19/23 16:13	1
8:2 FTS	10		2.0	0.47	ng/L		09/18/23 11:21	09/19/23 16:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.0	0.41	ng/L		09/18/23 11:21	09/19/23 16:13	1
HFPO-DA (GenX)	<1.5		4.1	1.5	ng/L		09/18/23 11:21	09/19/23 16:13	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:13	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:13	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C4 PFBA	89		25 - 150	09/18/23 11:21	09/19/23 16:13	1			
13C5 PFPeA	81		25 - 150	09/18/23 11:21	09/19/23 16:13	1			

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-06-202308

Lab Sample ID: 320-104400-53

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	93		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C4 PFHpA	96		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C4 PFOA	91		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C5 PFNA	93		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C2 PFDA	92		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C2 PFUnA	92		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C2 PFDoA	86		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C2 PFTeDA	81		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C3 PFBS	83		25 - 150	09/18/23 11:21	09/19/23 16:13	1
18O2 PFHxS	92		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C4 PFOS	89		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C8 FOSA	96		10 - 150	09/18/23 11:21	09/19/23 16:13	1
d3-NMeFOSAA	94		25 - 150	09/18/23 11:21	09/19/23 16:13	1
d5-NEtFOSAA	99		25 - 150	09/18/23 11:21	09/19/23 16:13	1
d-N-MeFOSA-M	67		10 - 150	09/18/23 11:21	09/19/23 16:13	1
d-N-EtFOSA-M	70		10 - 150	09/18/23 11:21	09/19/23 16:13	1
d7-N-MeFOSE-M	84		10 - 150	09/18/23 11:21	09/19/23 16:13	1
d9-N-EtFOSE-M	84		10 - 150	09/18/23 11:21	09/19/23 16:13	1
M2-4:2 FTS	74		25 - 150	09/18/23 11:21	09/19/23 16:13	1
M2-6:2 FTS	73		25 - 150	09/18/23 11:21	09/19/23 16:13	1
M2-8:2 FTS	74		25 - 150	09/18/23 11:21	09/19/23 16:13	1
13C3 HFPO-DA	89		25 - 150	09/18/23 11:21	09/19/23 16:13	1

Client Sample ID: DUP-07-202308

Lab Sample ID: 320-104400-54

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	73		5.0	2.4	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluoropentanoic acid (PFPeA)	330		2.0	0.49	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorohexanoic acid (PFHxA)	180		2.0	0.58	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluoroheptanoic acid (PFHpA)	90		2.0	0.25	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorooctanoic acid (PFOA)	97		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorononanoic acid (PFNA)	8.7		2.0	0.27	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorodecanoic acid (PFDA)	1.7 J		2.0	0.31	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorobutanesulfonic acid (PFBS)	0.42 J		2.0	0.20	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorohexanesulfonic acid (PFHxS)	0.94 J		2.0	0.57	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorooctanesulfonic acid (PFOS)	2.5		2.0	0.54	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/18/23 11:21	09/19/23 16:25	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-07-202308

Lab Sample ID: 320-104400-54

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorododecanesulfonic acid (PFDoS)	<0.98		2.0	0.98	ng/L		09/18/23 11:21	09/19/23 16:25	1
Perfluorooctanesulfonamide (FOSA)	<0.99		2.0	0.99	ng/L		09/18/23 11:21	09/19/23 16:25	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/18/23 11:21	09/19/23 16:25	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/18/23 11:21	09/19/23 16:25	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/18/23 11:21	09/19/23 16:25	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/18/23 11:21	09/19/23 16:25	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/18/23 11:21	09/19/23 16:25	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 16:25	1
4:2 FTS	4.2		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:25	1
8:2 FTS	200		2.0	0.46	ng/L		09/18/23 11:21	09/19/23 16:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/18/23 11:21	09/19/23 16:25	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/18/23 11:21	09/19/23 16:25	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:25	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:25	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	94		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C5 PFPeA	79		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C2 PFHxA	99		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C4 PFHpA	98		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C4 PFOA	89		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C5 PFNA	100		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C2 PFDA	99		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C2 PFUnA	97		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C2 PFDoA	77		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C2 PFTeDA	77		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C3 PFBS	87		25 - 150	09/18/23 11:21	09/19/23 16:25	1
18O2 PFHxS	95		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C4 PFOS	95		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C8 FOSA	104		10 - 150	09/18/23 11:21	09/19/23 16:25	1
d3-NMeFOSAA	45		25 - 150	09/18/23 11:21	09/19/23 16:25	1
d5-NEtFOSAA	86		25 - 150	09/18/23 11:21	09/19/23 16:25	1
d-N-MeFOSA-M	46		10 - 150	09/18/23 11:21	09/19/23 16:25	1
d-N-EtFOSA-M	71		10 - 150	09/18/23 11:21	09/19/23 16:25	1
d7-N-MeFOSE-M	66		10 - 150	09/18/23 11:21	09/19/23 16:25	1
d9-N-EtFOSE-M	86		10 - 150	09/18/23 11:21	09/19/23 16:25	1
M2-4:2 FTS	79		25 - 150	09/18/23 11:21	09/19/23 16:25	1
M2-8:2 FTS	97		25 - 150	09/18/23 11:21	09/19/23 16:25	1
13C3 HFPO-DA	89		25 - 150	09/18/23 11:21	09/19/23 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	1200		50	25	ng/L		09/18/23 11:21	09/20/23 15:57	10
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
M2-6:2 FTS	103		25 - 150	09/18/23 11:21	09/20/23 15:57	10			

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-08-202308

Lab Sample ID: 320-104400-55

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.7	J	4.9	2.4	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluoropentanoic acid (PFPeA)	12		2.0	0.48	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorohexanoic acid (PFHxA)	9.1		2.0	0.57	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluoroheptanoic acid (PFHpA)	3.4		2.0	0.25	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorooctanoic acid (PFOA)	7.2		2.0	0.84	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorododecanesulfonic acid (PFDoS)	<0.96		2.0	0.96	ng/L		09/18/23 11:21	09/19/23 16:36	1
Perfluorooctanesulfonamide (FOSA)	<0.97		2.0	0.97	ng/L		09/18/23 11:21	09/19/23 16:36	1
NEtFOSA	<0.86		2.0	0.86	ng/L		09/18/23 11:21	09/19/23 16:36	1
NMeFOSA	<0.42		2.0	0.42	ng/L		09/18/23 11:21	09/19/23 16:36	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/18/23 11:21	09/19/23 16:36	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/18/23 11:21	09/19/23 16:36	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/18/23 11:21	09/19/23 16:36	1
NEtFOSE	<0.84		2.0	0.84	ng/L		09/18/23 11:21	09/19/23 16:36	1
4:2 FTS	0.65	J	2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:36	1
6:2 FTS	110		4.9	2.5	ng/L		09/18/23 11:21	09/19/23 16:36	1
8:2 FTS	6.8		2.0	0.45	ng/L		09/18/23 11:21	09/19/23 16:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/18/23 11:21	09/19/23 16:36	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/18/23 11:21	09/19/23 16:36	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 16:36	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 16:36	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C5 PFPeA	83		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C2 PFHxA	99		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C4 PFHpA	97		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C4 PFOA	96		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C5 PFNA	99		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C2 PFDA	104		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C2 PFUnA	109		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C2 PFDoA	95		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C2 PFTeDA	87		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C3 PFBS	88		25 - 150	09/18/23 11:21	09/19/23 16:36	1
18O2 PFHxS	97		25 - 150	09/18/23 11:21	09/19/23 16:36	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-08-202308

Lab Sample ID: 320-104400-55

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	93		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C8 FOSA	104		10 - 150	09/18/23 11:21	09/19/23 16:36	1
d3-NMeFOSAA	103		25 - 150	09/18/23 11:21	09/19/23 16:36	1
d5-NEtFOSAA	132		25 - 150	09/18/23 11:21	09/19/23 16:36	1
d-N-MeFOSA-M	74		10 - 150	09/18/23 11:21	09/19/23 16:36	1
d-N-EtFOSA-M	77		10 - 150	09/18/23 11:21	09/19/23 16:36	1
d7-N-MeFOSE-M	94		10 - 150	09/18/23 11:21	09/19/23 16:36	1
d9-N-EtFOSE-M	91		10 - 150	09/18/23 11:21	09/19/23 16:36	1
M2-4:2 FTS	85		25 - 150	09/18/23 11:21	09/19/23 16:36	1
M2-6:2 FTS	79		25 - 150	09/18/23 11:21	09/19/23 16:36	1
M2-8:2 FTS	76		25 - 150	09/18/23 11:21	09/19/23 16:36	1
13C3 HFPO-DA	93		25 - 150	09/18/23 11:21	09/19/23 16:36	1

Client Sample ID: FB-01-202308

Lab Sample ID: 320-104400-56

Date Collected: 08/29/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.7	0.43	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorohexanoic acid (PFHxA)	<0.51		1.7	0.51	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.7	0.22	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorooctanoic acid (PFOA)	<0.74		1.7	0.74	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorononanoic acid (PFNA)	<0.24		1.7	0.24	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorodecanoic acid (PFDA)	<0.27		1.7	0.27	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluoroundecanoic acid (PFUnA)	<0.96		1.7	0.96	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorododecanoic acid (PFDoA)	<0.48		1.7	0.48	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.7	0.64	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.7	0.26	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.7	0.50	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.17		1.7	0.17	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.47		1.7	0.47	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorononanesulfonic acid (PFNS)	<0.32		1.7	0.32	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.7	0.28	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorododecanesulfonic acid (PFDoS)	<0.85		1.7	0.85	ng/L		09/18/23 11:21	09/19/23 16:48	1
Perfluorooctanesulfonamide (FOSA)	<0.85		1.7	0.85	ng/L		09/18/23 11:21	09/19/23 16:48	1
NEtFOSA	<0.76		1.7	0.76	ng/L		09/18/23 11:21	09/19/23 16:48	1
NMeFOSA	<0.37		1.7	0.37	ng/L		09/18/23 11:21	09/19/23 16:48	1
NMeFOSAA	<1.0		4.4	1.0	ng/L		09/18/23 11:21	09/19/23 16:48	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		09/18/23 11:21	09/19/23 16:48	1
NMeFOSE	<1.2		3.5	1.2	ng/L		09/18/23 11:21	09/19/23 16:48	1
NEtFOSE	<0.74		1.7	0.74	ng/L		09/18/23 11:21	09/19/23 16:48	1
4:2 FTS	<0.21		1.7	0.21	ng/L		09/18/23 11:21	09/19/23 16:48	1
6:2 FTS	<2.2		4.4	2.2	ng/L		09/18/23 11:21	09/19/23 16:48	1
8:2 FTS	<0.40		1.7	0.40	ng/L		09/18/23 11:21	09/19/23 16:48	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: FB-01-202308

Lab Sample ID: 320-104400-56

Date Collected: 08/29/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.7	0.35	ng/L		09/18/23 11:21	09/19/23 16:48	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		09/18/23 11:21	09/19/23 16:48	1
9CI-PF3ONS	<0.21		1.7	0.21	ng/L		09/18/23 11:21	09/19/23 16:48	1
11CI-PF3OUdS	<0.28		1.7	0.28	ng/L		09/18/23 11:21	09/19/23 16:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C5 PFPeA	82		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C2 PFHxA	94		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C4 PFHpA	98		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C4 PFOA	91		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C5 PFNA	96		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C2 PFDA	96		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C2 PFUnA	96		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C2 PFDoA	89		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C2 PFTeDA	82		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C3 PFBS	85		25 - 150				09/18/23 11:21	09/19/23 16:48	1
18O2 PFHxS	95		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C4 PFOS	92		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C8 FOSA	92		10 - 150				09/18/23 11:21	09/19/23 16:48	1
d3-NMeFOSAA	91		25 - 150				09/18/23 11:21	09/19/23 16:48	1
d5-NEtFOSAA	99		25 - 150				09/18/23 11:21	09/19/23 16:48	1
d-N-MeFOSA-M	65		10 - 150				09/18/23 11:21	09/19/23 16:48	1
d-N-EtFOSA-M	70		10 - 150				09/18/23 11:21	09/19/23 16:48	1
d7-N-MeFOSE-M	99		10 - 150				09/18/23 11:21	09/19/23 16:48	1
d9-N-EtFOSE-M	101		10 - 150				09/18/23 11:21	09/19/23 16:48	1
M2-4:2 FTS	75		25 - 150				09/18/23 11:21	09/19/23 16:48	1
M2-6:2 FTS	70		25 - 150				09/18/23 11:21	09/19/23 16:48	1
M2-8:2 FTS	70		25 - 150				09/18/23 11:21	09/19/23 16:48	1
13C3 HFPO-DA	87		25 - 150				09/18/23 11:21	09/19/23 16:48	1

Client Sample ID: EB-01-202308

Lab Sample ID: 320-104400-57

Date Collected: 08/28/23 11:05

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorotridecanoic acid (PFTTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 16:59	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-01-202308

Lab Sample ID: 320-104400-57

Date Collected: 08/28/23 11:05

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorododecanesulfonic acid (PFDoS)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 16:59	1
Perfluorooctanesulfonamide (FOSA)	<0.94		1.9	0.94	ng/L		09/18/23 11:21	09/19/23 16:59	1
NEtFOSA	<0.83		1.9	0.83	ng/L		09/18/23 11:21	09/19/23 16:59	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 16:59	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		09/18/23 11:21	09/19/23 16:59	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 16:59	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 16:59	1
NEtFOSE	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 16:59	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 16:59	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 16:59	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 16:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 16:59	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 16:59	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 16:59	1
11Cl-PF3OUdS	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 16:59	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	82		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C5 PFPeA	75		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C2 PFHxA	87		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C4 PFHpA	88		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C4 PFOA	86		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C5 PFNA	89		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C2 PFDA	89		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C2 PFUnA	88		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C2 PFDoA	83		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C2 PFTeDA	77		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C3 PFBS	79		25 - 150	09/18/23 11:21	09/19/23 16:59	1
18O2 PFHxS	86		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C4 PFOS	83		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C8 FOSA	87		10 - 150	09/18/23 11:21	09/19/23 16:59	1
d3-NMeFOSAA	87		25 - 150	09/18/23 11:21	09/19/23 16:59	1
d5-NEtFOSAA	92		25 - 150	09/18/23 11:21	09/19/23 16:59	1
d-N-MeFOSA-M	63		10 - 150	09/18/23 11:21	09/19/23 16:59	1
d-N-EtFOSA-M	66		10 - 150	09/18/23 11:21	09/19/23 16:59	1
d7-N-MeFOSE-M	80		10 - 150	09/18/23 11:21	09/19/23 16:59	1
d9-N-EtFOSE-M	81		10 - 150	09/18/23 11:21	09/19/23 16:59	1
M2-4:2 FTS	69		25 - 150	09/18/23 11:21	09/19/23 16:59	1
M2-6:2 FTS	65		25 - 150	09/18/23 11:21	09/19/23 16:59	1
M2-8:2 FTS	64		25 - 150	09/18/23 11:21	09/19/23 16:59	1
13C3 HFPO-DA	81		25 - 150	09/18/23 11:21	09/19/23 16:59	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-02-202308

Lab Sample ID: 320-104400-58

Date Collected: 08/28/23 12:29

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		09/18/23 11:21	09/19/23 17:11	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 17:11	1
NEtFOSA	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 17:11	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 17:11	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		09/18/23 11:21	09/19/23 17:11	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		09/18/23 11:21	09/19/23 17:11	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 17:11	1
NEtFOSE	<0.80		1.9	0.80	ng/L		09/18/23 11:21	09/19/23 17:11	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:11	1
6:2 FTS	<2.4		4.7	2.4	ng/L		09/18/23 11:21	09/19/23 17:11	1
8:2 FTS	<0.43		1.9	0.43	ng/L		09/18/23 11:21	09/19/23 17:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 17:11	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 17:11	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:11	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 17:11	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	91		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C5 PFPeA	79		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C2 PFHxA	92		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C4 PFHpA	94		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C4 PFOA	89		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C5 PFNA	93		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C2 PFDA	94		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C2 PFUnA	92		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C2 PFDoA	86		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C2 PFTeDA	83		25 - 150				09/18/23 11:21	09/19/23 17:11	1
13C3 PFBS	86		25 - 150				09/18/23 11:21	09/19/23 17:11	1
18O2 PFHxS	93		25 - 150				09/18/23 11:21	09/19/23 17:11	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-02-202308

Lab Sample ID: 320-104400-58

Date Collected: 08/28/23 12:29

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	88		25 - 150	09/18/23 11:21	09/19/23 17:11	1
13C8 FOSA	92		10 - 150	09/18/23 11:21	09/19/23 17:11	1
d3-NMeFOSAA	84		25 - 150	09/18/23 11:21	09/19/23 17:11	1
d5-NEtFOSAA	99		25 - 150	09/18/23 11:21	09/19/23 17:11	1
d-N-MeFOSA-M	63		10 - 150	09/18/23 11:21	09/19/23 17:11	1
d-N-EtFOSA-M	69		10 - 150	09/18/23 11:21	09/19/23 17:11	1
d7-N-MeFOSE-M	80		10 - 150	09/18/23 11:21	09/19/23 17:11	1
d9-N-EtFOSE-M	84		10 - 150	09/18/23 11:21	09/19/23 17:11	1
M2-4:2 FTS	78		25 - 150	09/18/23 11:21	09/19/23 17:11	1
M2-6:2 FTS	78		25 - 150	09/18/23 11:21	09/19/23 17:11	1
M2-8:2 FTS	75		25 - 150	09/18/23 11:21	09/19/23 17:11	1
13C3 HFPO-DA	87		25 - 150	09/18/23 11:21	09/19/23 17:11	1

Client Sample ID: EB-03-202308

Lab Sample ID: 320-104400-59

Date Collected: 08/28/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		1.9	1.3	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		09/18/23 11:21	09/19/23 17:45	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		09/18/23 11:21	09/19/23 17:45	1
NEtFOSA	<0.84		1.9	0.84	ng/L		09/18/23 11:21	09/19/23 17:45	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 17:45	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 17:45	1
NEtFOSAA	<1.3		4.8	1.3	ng/L		09/18/23 11:21	09/19/23 17:45	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/18/23 11:21	09/19/23 17:45	1
NEtFOSE	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 17:45	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:45	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 17:45	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 17:45	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-03-202308

Lab Sample ID: 320-104400-59

Date Collected: 08/28/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		09/18/23 11:21	09/19/23 17:45	1
HFPO-DA (GenX)	<1.4		3.9	1.4	ng/L		09/18/23 11:21	09/19/23 17:45	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:45	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 17:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C5 PFPeA	76		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C2 PFHxA	88		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C4 PFHpA	86		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C4 PFOA	88		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C5 PFNA	91		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C2 PFDA	87		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C2 PFUnA	92		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C2 PFDoA	81		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C2 PFTeDA	81		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C3 PFBS	83		25 - 150				09/18/23 11:21	09/19/23 17:45	1
18O2 PFHxS	89		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C4 PFOS	84		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C8 FOSA	91		10 - 150				09/18/23 11:21	09/19/23 17:45	1
d3-NMeFOSAA	79		25 - 150				09/18/23 11:21	09/19/23 17:45	1
d5-NEtFOSAA	97		25 - 150				09/18/23 11:21	09/19/23 17:45	1
d-N-MeFOSA-M	64		10 - 150				09/18/23 11:21	09/19/23 17:45	1
d-N-EtFOSA-M	69		10 - 150				09/18/23 11:21	09/19/23 17:45	1
d7-N-MeFOSE-M	80		10 - 150				09/18/23 11:21	09/19/23 17:45	1
d9-N-EtFOSE-M	80		10 - 150				09/18/23 11:21	09/19/23 17:45	1
M2-4:2 FTS	78		25 - 150				09/18/23 11:21	09/19/23 17:45	1
M2-6:2 FTS	68		25 - 150				09/18/23 11:21	09/19/23 17:45	1
M2-8:2 FTS	73		25 - 150				09/18/23 11:21	09/19/23 17:45	1
13C3 HFPO-DA	83		25 - 150				09/18/23 11:21	09/19/23 17:45	1

Client Sample ID: EB-04-202308

Lab Sample ID: 320-104400-60

Date Collected: 08/29/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorotridecanoic acid (PFTTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 17:56	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-04-202308

Lab Sample ID: 320-104400-60

Date Collected: 08/29/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		09/18/23 11:21	09/19/23 17:56	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		09/18/23 11:21	09/19/23 17:56	1
NEtFOSA	<0.82		1.9	0.82	ng/L		09/18/23 11:21	09/19/23 17:56	1
NMeFOSA	<0.40		1.9	0.40	ng/L		09/18/23 11:21	09/19/23 17:56	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		09/18/23 11:21	09/19/23 17:56	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		09/18/23 11:21	09/19/23 17:56	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 17:56	1
NEtFOSE	<0.80		1.9	0.80	ng/L		09/18/23 11:21	09/19/23 17:56	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:56	1
6:2 FTS	<2.4		4.7	2.4	ng/L		09/18/23 11:21	09/19/23 17:56	1
8:2 FTS	<0.43		1.9	0.43	ng/L		09/18/23 11:21	09/19/23 17:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 17:56	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 17:56	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 17:56	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 17:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C5 PFPeA	74		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C2 PFHxA	86		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C4 PFHpA	87		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C4 PFOA	85		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C5 PFNA	84		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C2 PFDA	85		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C2 PFUnA	85		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C2 PFDoA	82		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C2 PFTeDA	65		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C3 PFBS	78		25 - 150	09/18/23 11:21	09/19/23 17:56	1
18O2 PFHxS	83		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C4 PFOS	80		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C8 FOSA	82		10 - 150	09/18/23 11:21	09/19/23 17:56	1
d3-NMeFOSAA	85		25 - 150	09/18/23 11:21	09/19/23 17:56	1
d5-NEtFOSAA	83		25 - 150	09/18/23 11:21	09/19/23 17:56	1
d-N-MeFOSA-M	61		10 - 150	09/18/23 11:21	09/19/23 17:56	1
d-N-EtFOSA-M	63		10 - 150	09/18/23 11:21	09/19/23 17:56	1
d7-N-MeFOSE-M	94		10 - 150	09/18/23 11:21	09/19/23 17:56	1
d9-N-EtFOSE-M	91		10 - 150	09/18/23 11:21	09/19/23 17:56	1
M2-4:2 FTS	71		25 - 150	09/18/23 11:21	09/19/23 17:56	1
M2-6:2 FTS	67		25 - 150	09/18/23 11:21	09/19/23 17:56	1
M2-8:2 FTS	67		25 - 150	09/18/23 11:21	09/19/23 17:56	1
13C3 HFPO-DA	79		25 - 150	09/18/23 11:21	09/19/23 17:56	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-05-202308

Lab Sample ID: 320-104400-61

Date Collected: 08/29/23 13:39

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		09/18/23 11:21	09/19/23 18:08	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 18:08	1
NEtFOSA	<0.83		1.9	0.83	ng/L		09/18/23 11:21	09/19/23 18:08	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 18:08	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		09/18/23 11:21	09/19/23 18:08	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 18:08	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 18:08	1
NEtFOSE	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:08	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:08	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 18:08	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 18:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 18:08	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 18:08	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:08	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:08	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C5 PFPeA	73		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C2 PFHxA	88		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C4 PFHpA	86		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C4 PFOA	84		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C5 PFNA	87		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C2 PFDA	86		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C2 PFUnA	87		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C2 PFDoA	83		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C2 PFTeDA	71		25 - 150				09/18/23 11:21	09/19/23 18:08	1
13C3 PFBS	79		25 - 150				09/18/23 11:21	09/19/23 18:08	1
18O2 PFHxS	83		25 - 150				09/18/23 11:21	09/19/23 18:08	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-05-202308

Lab Sample ID: 320-104400-61

Date Collected: 08/29/23 13:39

Matrix: Water

Date Received: 08/31/23 10:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFOS	84		25 - 150	09/18/23 11:21	09/19/23 18:08	1
13C8 FOSA	83		10 - 150	09/18/23 11:21	09/19/23 18:08	1
d3-NMeFOSAA	89		25 - 150	09/18/23 11:21	09/19/23 18:08	1
d5-NEtFOSAA	91		25 - 150	09/18/23 11:21	09/19/23 18:08	1
d-N-MeFOSA-M	51		10 - 150	09/18/23 11:21	09/19/23 18:08	1
d-N-EtFOSA-M	54		10 - 150	09/18/23 11:21	09/19/23 18:08	1
d7-N-MeFOSE-M	72		10 - 150	09/18/23 11:21	09/19/23 18:08	1
d9-N-EtFOSE-M	70		10 - 150	09/18/23 11:21	09/19/23 18:08	1
M2-4:2 FTS	71		25 - 150	09/18/23 11:21	09/19/23 18:08	1
M2-6:2 FTS	63		25 - 150	09/18/23 11:21	09/19/23 18:08	1
M2-8:2 FTS	65		25 - 150	09/18/23 11:21	09/19/23 18:08	1
13C3 HFPO-DA	78		25 - 150	09/18/23 11:21	09/19/23 18:08	1

Client Sample ID: EB-06-202308

Lab Sample ID: 320-104400-62

Date Collected: 08/29/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		09/18/23 11:21	09/19/23 18:19	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 18:19	1
NEtFOSA	<0.83		1.9	0.83	ng/L		09/18/23 11:21	09/19/23 18:19	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 18:19	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		09/18/23 11:21	09/19/23 18:19	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 18:19	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 18:19	1
NEtFOSE	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:19	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:19	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 18:19	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 18:19	1

Eurofins Sacramento

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-06-202308

Lab Sample ID: 320-104400-62

Date Collected: 08/29/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 18:19	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 18:19	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:19	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C5 PFPeA	79		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C2 PFHxA	96		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C4 PFHpA	94		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C4 PFOA	93		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C5 PFNA	94		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C2 PFDA	98		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C2 PFUnA	94		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C2 PFDoA	89		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C2 PFTeDA	83		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C3 PFBS	86		25 - 150				09/18/23 11:21	09/19/23 18:19	1
18O2 PFHxS	92		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C4 PFOS	93		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C8 FOSA	94		10 - 150				09/18/23 11:21	09/19/23 18:19	1
d3-NMeFOSAA	93		25 - 150				09/18/23 11:21	09/19/23 18:19	1
d5-NEtFOSAA	99		25 - 150				09/18/23 11:21	09/19/23 18:19	1
d-N-MeFOSA-M	70		10 - 150				09/18/23 11:21	09/19/23 18:19	1
d-N-EtFOSA-M	73		10 - 150				09/18/23 11:21	09/19/23 18:19	1
d7-N-MeFOSE-M	87		10 - 150				09/18/23 11:21	09/19/23 18:19	1
d9-N-EtFOSE-M	88		10 - 150				09/18/23 11:21	09/19/23 18:19	1
M2-4:2 FTS	81		25 - 150				09/18/23 11:21	09/19/23 18:19	1
M2-6:2 FTS	76		25 - 150				09/18/23 11:21	09/19/23 18:19	1
M2-8:2 FTS	80		25 - 150				09/18/23 11:21	09/19/23 18:19	1
13C3 HFPO-DA	87		25 - 150				09/18/23 11:21	09/19/23 18:19	1

Client Sample ID: EB-07-202308

Lab Sample ID: 320-104400-63

Date Collected: 08/30/23 09:25

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorotridecanoic acid (PFTTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 18:31	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-07-202308

Lab Sample ID: 320-104400-63

Date Collected: 08/30/23 09:25

Matrix: Water

Date Received: 08/31/23 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		09/18/23 11:21	09/19/23 18:31	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 18:31	1
NEtFOSA	<0.83		1.9	0.83	ng/L		09/18/23 11:21	09/19/23 18:31	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 18:31	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		09/18/23 11:21	09/19/23 18:31	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		09/18/23 11:21	09/19/23 18:31	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 18:31	1
NEtFOSE	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:31	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:31	1
6:2 FTS	<2.4		4.7	2.4	ng/L		09/18/23 11:21	09/19/23 18:31	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 18:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 18:31	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 18:31	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:31	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:31	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	106		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C5 PFPeA	95		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C2 PFHxA	107		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C4 PFHpA	110		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C4 PFOA	110		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C5 PFNA	112		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C2 PFDA	110		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C2 PFUnA	112		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C2 PFDoA	106		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C2 PFTeDA	93		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C3 PFBS	101		25 - 150	09/18/23 11:21	09/19/23 18:31	1
18O2 PFHxS	108		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C4 PFOS	104		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C8 FOSA	103		10 - 150	09/18/23 11:21	09/19/23 18:31	1
d3-NMeFOSAA	112		25 - 150	09/18/23 11:21	09/19/23 18:31	1
d5-NEtFOSAA	116		25 - 150	09/18/23 11:21	09/19/23 18:31	1
d-N-MeFOSA-M	80		10 - 150	09/18/23 11:21	09/19/23 18:31	1
d-N-EtFOSA-M	85		10 - 150	09/18/23 11:21	09/19/23 18:31	1
d7-N-MeFOSE-M	103		10 - 150	09/18/23 11:21	09/19/23 18:31	1
d9-N-EtFOSE-M	108		10 - 150	09/18/23 11:21	09/19/23 18:31	1
M2-4:2 FTS	88		25 - 150	09/18/23 11:21	09/19/23 18:31	1
M2-6:2 FTS	89		25 - 150	09/18/23 11:21	09/19/23 18:31	1
M2-8:2 FTS	76		25 - 150	09/18/23 11:21	09/19/23 18:31	1
13C3 HFPO-DA	101		25 - 150	09/18/23 11:21	09/19/23 18:31	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-08-202308

Lab Sample ID: 320-104400-64

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.18		1.9	0.18	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorododecanesulfonic acid (PFDoS)	<0.93		1.9	0.93	ng/L		09/18/23 11:21	09/19/23 18:42	1
Perfluorooctanesulfonamide (FOSA)	<0.94		1.9	0.94	ng/L		09/18/23 11:21	09/19/23 18:42	1
NEtFOSA	<0.83		1.9	0.83	ng/L		09/18/23 11:21	09/19/23 18:42	1
NMeFOSA	<0.41		1.9	0.41	ng/L		09/18/23 11:21	09/19/23 18:42	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 18:42	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		09/18/23 11:21	09/19/23 18:42	1
NMeFOSE	<1.3		3.8	1.3	ng/L		09/18/23 11:21	09/19/23 18:42	1
NEtFOSE	<0.81		1.9	0.81	ng/L		09/18/23 11:21	09/19/23 18:42	1
4:2 FTS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:42	1
6:2 FTS	<2.4		4.8	2.4	ng/L		09/18/23 11:21	09/19/23 18:42	1
8:2 FTS	<0.44		1.9	0.44	ng/L		09/18/23 11:21	09/19/23 18:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		09/18/23 11:21	09/19/23 18:42	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		09/18/23 11:21	09/19/23 18:42	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		09/18/23 11:21	09/19/23 18:42	1
11Cl-PF3OUdS	<0.31		1.9	0.31	ng/L		09/18/23 11:21	09/19/23 18:42	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C5 PFPeA	84		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C2 PFHxA	99		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C4 PFHpA	95		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C4 PFOA	97		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C5 PFNA	101		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C2 PFDA	97		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C2 PFUnA	97		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C2 PFDoA	94		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C2 PFTeDA	84		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C3 PFBS	89		25 - 150	09/18/23 11:21	09/19/23 18:42	1
18O2 PFHxS	97		25 - 150	09/18/23 11:21	09/19/23 18:42	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-08-202308

Lab Sample ID: 320-104400-64

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

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

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFOS	93		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C8 FOSA	95		10 - 150	09/18/23 11:21	09/19/23 18:42	1
d3-NMeFOSAA	103		25 - 150	09/18/23 11:21	09/19/23 18:42	1
d5-NEtFOSAA	106		25 - 150	09/18/23 11:21	09/19/23 18:42	1
d-N-MeFOSA-M	64		10 - 150	09/18/23 11:21	09/19/23 18:42	1
d-N-EtFOSA-M	67		10 - 150	09/18/23 11:21	09/19/23 18:42	1
d7-N-MeFOSE-M	88		10 - 150	09/18/23 11:21	09/19/23 18:42	1
d9-N-EtFOSE-M	87		10 - 150	09/18/23 11:21	09/19/23 18:42	1
M2-4:2 FTS	77		25 - 150	09/18/23 11:21	09/19/23 18:42	1
M2-6:2 FTS	76		25 - 150	09/18/23 11:21	09/19/23 18:42	1
M2-8:2 FTS	75		25 - 150	09/18/23 11:21	09/19/23 18:42	1
13C3 HFPO-DA	87		25 - 150	09/18/23 11:21	09/19/23 18:42	1

Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-104400-1	MP-01-(277-293)-202308	109	96	97	92	95	103	89	76
320-104400-2	MP-01-(253-274)-202308	116	115	110	104	105	109	102	74
320-104400-3	MP-01-(223-250)-202308	113	103	105	97	98	105	99	86
320-104400-4	MP-01-(198-220)-202308	112	101	98	94	97	105	96	89
320-104400-5	MP-01-(155-195)-202308	96					97	87	80
320-104400-5 - DL	MP-01-(155-195)-202308		92	93	84	88			
320-104400-6	MP-01-(121-152)-202308	114					113	96	94
320-104400-6 - DL	MP-01-(121-152)-202308		111	112	93	90			
320-104400-7	MP-01-(091-118)-202308	103					96	91	81
320-104400-7 - DL	MP-01-(091-118)-202308		111	104	94	94			
320-104400-8	MP-01-(051-088)-202308	88					125	109	119
320-104400-8 - DL	MP-01-(051-088)-202308		67	80	83	92			
320-104400-9	MP-02-(279-300)-202308	73	59	83	86	93	89	87	92
320-104400-10	MP-02-(253-276)-202308	76	61	82	87	91	88	86	88
320-104400-11	MP-02-(223-250)-202308	80	69	95	95	100	94	96	95
320-104400-12	MP-02-(198-220)-202308	83	68	99	93	100	96	106	99
320-104400-12 - DL	MP-02-(198-220)-202308								
320-104400-13	MP-02-(153-195)-202308	73	64	83	91	89	87	94	87
320-104400-13 - DL	MP-02-(153-195)-202308								
320-104400-14	MP-03-(280-300)-202308	76	69	89	88	96	93	94	90
320-104400-15	MP-03-(245-277)-202308	84	71	99	101	103	98	105	98
320-104400-16	MP-03-(220-242)-202308	89	88	79	95	97	96	85	87
320-104400-17	MP-03-(190-217)-202308	90	94	90	98	101	106	98	94
320-104400-18	MP-03-(160-187)-202308	88	91	80	89	97	97	92	86
320-104400-19	MP-03-(120-157)-202308	82	84	81	94	96	101	85	87
320-104400-20	MP-03-(083-117)-202308	75	80	80	85	91	98	89	81
320-104400-21	MP-03-(046-080)-202308	89	95	87	90	101	106	93	88
320-104400-22	MP-04-(275-291)-202308	79	90	85	88	93	103	98	87
320-104400-23	MP-04-(245-272)-202308	93	97	89	98	97	102	107	99
320-104400-24	MP-04-(220-242)-202308	83	88	85	89	91	87	86	94
320-104400-25	MP-04-(195-217)-202308	84	89	88	94	89	96	96	92
320-104400-26	MP-04-(155-192)-202308	86	89	89	95	93	91	96	104
320-104400-26 - DL	MP-04-(155-192)-202308								
320-104400-27	MP-04-(115-152)-202308	112		117	126	99	120	128	128
320-104400-27 - DL	MP-04-(115-152)-202308		108						
320-104400-28	MP-04-(080-112)-202308	97		96	101	99	110	112	109
320-104400-28 - DL	MP-04-(080-112)-202308		105						
320-104400-29	MP-04-(048-077)-202308	105	103	106	103	98	107	104	99
320-104400-30	MP-05-(SWL-065)-202308	85	91	91	93	96	95	94	97
320-104400-31	MP-06-(148-178)-202308	97	100	99	99	95	103	98	100
320-104400-32	MP-06-(113-145)-202308	92	103	97	95	99	103	103	98
320-104400-33	MP-06-(73-110)-202308	98	101	104	108	102	102	114	100
320-104400-34	MP-06-(36-70)-202308	97	106	90	92	100	102	97	95
320-104400-35	MP-06-(21-33)-202308	79	90	91	95	95	93	99	95
320-104400-36	MP-07-(220-258)-202308	93	89	89	97	100	102	108	101
320-104400-37	MP-07-(195-217)-202308	91	94	97	97	98	96	102	99
320-104400-38	MP-07-(155-192)-202308	89	92	95	92	98	93	99	101
320-104400-39	MP-07-(115-152)-202308	98	88	93	104	102	98	100	100
320-104400-39 - DL	MP-07-(115-152)-202308								

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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)							
		PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-104400-40	MP-07-(80-112)-202308	88	96	91	94	97	99	97	96
320-104400-41	MP-07-(48-77)-202308	91	94	95	99	97	96	104	99
320-104400-42	MP-08-(220-246)-202308	89	92	81	95	101	93	90	83
320-104400-43	MP-08-(195-217)-202308	92	96	94	102	102	101	100	88
320-104400-44	MP-08-(155-192)-202308	86	92	97	97	103	106	105	107
320-104400-45	MP-08-(115-152)-202308	90	94	95	98	102	101	103	102
320-104400-46	MP-08-(80-112)-202308	88	84	93	90	98	101	105	93
320-104400-47	MP-08-(48-77)-202308	85	76	86	89	84	89	91	87
320-104400-48	DUP-01-202308	89	80	92	92	93	92	92	94
320-104400-49	DUP-02-202308	85	74	89	87	91	88	92	89
320-104400-50	DUP-03-202308	97			99	93	98	104	101
320-104400-50 - DL	DUP-03-202308		118	111					
320-104400-51	DUP-04-202308	88	81	92	93	93	93	96	89
320-104400-52	DUP-05-202308	81	71	86	84	80	82	86	82
320-104400-53	DUP-06-202308	89	81	93	96	91	93	92	92
320-104400-54	DUP-07-202308	94	79	99	98	89	100	99	97
320-104400-54 - DL	DUP-07-202308								
320-104400-55	DUP-08-202308	95	83	99	97	96	99	104	109
320-104400-56	FB-01-202308	92	82	94	98	91	96	96	96
320-104400-57	EB-01-202308	82	75	87	88	86	89	89	88
320-104400-58	EB-02-202308	91	79	92	94	89	93	94	92
320-104400-59	EB-03-202308	87	76	88	86	88	91	87	92
320-104400-60	EB-04-202308	83	74	86	87	85	84	85	85
320-104400-61	EB-05-202308	85	73	88	86	84	87	86	87
320-104400-62	EB-06-202308	91	79	96	94	93	94	98	94
320-104400-63	EB-07-202308	106	95	107	110	110	112	110	112
320-104400-64	EB-08-202308	93	84	99	95	97	101	97	97
LCS 320-704289/2-A	Lab Control Sample	115	111	108	103	104	104	100	96
LCS 320-704291/2-A	Lab Control Sample	79	64	77	80	91	85	89	83
LCS 320-705335/2-A	Lab Control Sample	77	80	77	88	94	94	84	82
LCS 320-705336/2-A	Lab Control Sample	96	94	91	98	93	103	96	95
LCS 320-705338/2-A	Lab Control Sample	104	104	97	99	97	105	98	103
LCS 320-706972/2-A	Lab Control Sample	87	78	94	95	90	91	93	91
LCSD 320-704291/3-A	Lab Control Sample Dup	88	69	94	89	99	88	99	93
LCSD 320-705335/3-A	Lab Control Sample Dup	82	86	82	92	96	98	89	86
LCSD 320-705336/3-A	Lab Control Sample Dup	79	80	75	84	74	86	82	85
LCSD 320-705338/3-A	Lab Control Sample Dup	107	105	99	106	92	104	108	111
LCSD 320-706972/3-A	Lab Control Sample Dup	95	85	100	103	99	103	101	100
MB 320-704289/1-A	Method Blank	100	90	91	87	91	94	90	80
MB 320-704291/1-A	Method Blank	54	45	60	57	66	61	65	63
MB 320-705335/1-A	Method Blank	95	97	88	99	106	109	101	97
MB 320-705336/1-A	Method Blank	95	105	92	90	100	99	103	100
MB 320-705338/1-A	Method Blank	94	101	95	102	93	99	104	97
MB 320-706972/1-A	Method Blank	95	84	93	97	99	101	101	107

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
320-104400-1	MP-01-(277-293)-202308	48	74	97	94	94	106	55	55
320-104400-2	MP-01-(253-274)-202308	41	83	111	104	101	119	51	45
320-104400-3	MP-01-(223-250)-202308	77	89	101	100	94	105	88	87

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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)
320-104400-4	MP-01-(198-220)-202308	80	88	100	97	96	105	92	109
320-104400-5	MP-01-(155-195)-202308	73	78	93	91	85	90	82	92
320-104400-5 - DL	MP-01-(155-195)-202308								
320-104400-6	MP-01-(121-152)-202308	86	92	112	105	102	110	94	102
320-104400-6 - DL	MP-01-(121-152)-202308								
320-104400-7	MP-01-(091-118)-202308	62	75	100	96	90	102	72	68
320-104400-7 - DL	MP-01-(091-118)-202308								
320-104400-8	MP-01-(051-088)-202308	126	133	103	116	118	112	145	142
320-104400-8 - DL	MP-01-(051-088)-202308								
320-104400-9	MP-02-(279-300)-202308	87	97	78	88	84	93	98	103
320-104400-10	MP-02-(253-276)-202308	85	92	81	89	85	91	98	106
320-104400-11	MP-02-(223-250)-202308	95	98	82	96	86	96	110	108
320-104400-12	MP-02-(198-220)-202308	102	96	89	99	96	104	116	109
320-104400-12 - DL	MP-02-(198-220)-202308								
320-104400-13	MP-02-(153-195)-202308	91	92	75	92	89	91	99	108
320-104400-13 - DL	MP-02-(153-195)-202308								
320-104400-14	MP-03-(280-300)-202308	91	84	86	94	83	96	110	103
320-104400-15	MP-03-(245-277)-202308	104	100	93	103	93	109	111	113
320-104400-16	MP-03-(220-242)-202308	98	89	84	94	92	96	77	74
320-104400-17	MP-03-(190-217)-202308	100	96	97	93	104	104	76	84
320-104400-18	MP-03-(160-187)-202308	96	96	82	91	93	98	67	74
320-104400-19	MP-03-(120-157)-202308	87	78	85	88	93	94	57	70
320-104400-20	MP-03-(083-117)-202308	79	71	81	81	84	86	57	70
320-104400-21	MP-03-(046-080)-202308	90	90	86	97	98	100	73	80
320-104400-22	MP-04-(275-291)-202308	93	92	88	94	98	101	74	88
320-104400-23	MP-04-(245-272)-202308	98	93	100	97	100	108	95	100
320-104400-24	MP-04-(220-242)-202308	86	86	89	87	82	92	82	88
320-104400-25	MP-04-(195-217)-202308	92	91	87	87	89	98	69	99
320-104400-26	MP-04-(155-192)-202308	90	93	92	88	91	99	87	94
320-104400-26 - DL	MP-04-(155-192)-202308								
320-104400-27	MP-04-(115-152)-202308	115	116	118	118	119	130	106	127
320-104400-27 - DL	MP-04-(115-152)-202308								
320-104400-28	MP-04-(080-112)-202308	100	101	99	99	101	117	96	104
320-104400-28 - DL	MP-04-(080-112)-202308								
320-104400-29	MP-04-(048-077)-202308	94	90	110	100	102	105	92	95
320-104400-30	MP-05-(SWL-065)-202308	94	87	93	90	91	99	88	96
320-104400-31	MP-06-(148-178)-202308	88	88	95	95	96	103	86	98
320-104400-32	MP-06-(113-145)-202308	101	90	97	98	98	108	89	101
320-104400-33	MP-06-(73-110)-202308	99	91	100	99	94	111	88	100
320-104400-34	MP-06-(36-70)-202308	102	92	100	94	96	101	94	98
320-104400-35	MP-06-(21-33)-202308	90	84	94	88	92	99	82	89
320-104400-36	MP-07-(220-258)-202308	82	79	91	94	93	119	44	103
320-104400-37	MP-07-(195-217)-202308	87	94	98	94	91	100	87	98
320-104400-38	MP-07-(155-192)-202308	92	86	97	93	89	109	61	93
320-104400-39	MP-07-(115-152)-202308	87	91	99	100	96	98	91	94
320-104400-39 - DL	MP-07-(115-152)-202308								
320-104400-40	MP-07-(80-112)-202308	90	84	99	95	90	104	74	84
320-104400-41	MP-07-(48-77)-202308	98	92	104	98	91	102	88	92
320-104400-42	MP-08-(220-246)-202308	83	81	98	88	88	97	83	85
320-104400-43	MP-08-(195-217)-202308	91	84	95	92	94	101	82	92

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOs (25-150)	d5NEFOs (25-150)
320-104400-44	MP-08-(155-192)-202308	103	94	101	99	99	107	73	103
320-104400-45	MP-08-(115-152)-202308	91	95	104	98	94	123	63	97
320-104400-46	MP-08-(80-112)-202308	96	92	98	91	93	110	89	96
320-104400-47	MP-08-(48-77)-202308	86	81	80	89	85	90	86	96
320-104400-48	DUP-01-202308	91	86	84	91	88	96	99	97
320-104400-49	DUP-02-202308	80	81	77	88	82	93	90	96
320-104400-50	DUP-03-202308	98	89	88	98	95	106	108	108
320-104400-50 - DL	DUP-03-202308								
320-104400-51	DUP-04-202308	87	84	85	92	90	96	80	96
320-104400-52	DUP-05-202308	76	79	75	83	78	84	85	91
320-104400-53	DUP-06-202308	86	81	83	92	89	96	94	99
320-104400-54	DUP-07-202308	77	77	87	95	95	104	45	86
320-104400-54 - DL	DUP-07-202308								
320-104400-55	DUP-08-202308	95	87	88	97	93	104	103	132
320-104400-56	FB-01-202308	89	82	85	95	92	92	91	99
320-104400-57	EB-01-202308	83	77	79	86	83	87	87	92
320-104400-58	EB-02-202308	86	83	86	93	88	92	84	99
320-104400-59	EB-03-202308	81	81	83	89	84	91	79	97
320-104400-60	EB-04-202308	82	65	78	83	80	82	85	83
320-104400-61	EB-05-202308	83	71	79	83	84	83	89	91
320-104400-62	EB-06-202308	89	83	86	92	93	94	93	99
320-104400-63	EB-07-202308	106	93	101	108	104	103	112	116
320-104400-64	EB-08-202308	94	84	89	97	93	95	103	106
LCS 320-704289/2-A	Lab Control Sample	89	91	108	104	98	100	93	98
LCS 320-704291/2-A	Lab Control Sample	89	83	83	89	82	88	108	112
LCS 320-705335/2-A	Lab Control Sample	88	86	79	80	85	84	64	71
LCS 320-705336/2-A	Lab Control Sample	101	94	99	96	94	100	93	92
LCS 320-705338/2-A	Lab Control Sample	103	91	108	102	98	104	99	101
LCS 320-706972/2-A	Lab Control Sample	90	87	87	93	92	94	87	90
LCSD 320-704291/3-A	Lab Control Sample Dup	91	90	88	97	90	96	124	120
LCSD 320-705335/3-A	Lab Control Sample Dup	94	97	84	89	93	93	70	75
LCSD 320-705336/3-A	Lab Control Sample Dup	83	78	81	81	83	83	79	78
LCSD 320-705338/3-A	Lab Control Sample Dup	98	94	102	102	99	106	98	102
LCSD 320-706972/3-A	Lab Control Sample Dup	99	85	91	101	98	99	102	99
MB 320-704289/1-A	Method Blank	79	77	89	87	84	91	84	91
MB 320-704291/1-A	Method Blank	56	63	59	63	57	61	82	77
MB 320-705335/1-A	Method Blank	103	100	93	92	99	96	72	92
MB 320-705336/1-A	Method Blank	97	95	102	98	93	99	91	97
MB 320-705338/1-A	Method Blank	92	95	103	96	91	99	88	98
MB 320-706972/1-A	Method Blank	104	96	79	98	98	105	101	110

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)
320-104400-1	MP-01-(277-293)-202308	68	64	80	77	104	95	125	80
320-104400-2	MP-01-(253-274)-202308	79	67	80	78	121	104	148	89
320-104400-3	MP-01-(223-250)-202308	91	91	90	92	114	99	119	85
320-104400-4	MP-01-(198-220)-202308	90	91	96	93	104	99	112	82
320-104400-5	MP-01-(155-195)-202308	79	78	83	80	96			75
320-104400-5 - DL	MP-01-(155-195)-202308						207 *5+	139	
320-104400-6	MP-01-(121-152)-202308	88	92	91	95	119			89

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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)							
		dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
320-104400-6 - DL	MP-01-(121-152)-202308						213 *5+	166 *5+	
320-104400-7	MP-01-(091-118)-202308	83	78	79	81	101			81
320-104400-7 - DL	MP-01-(091-118)-202308						158 *5+	149	
320-104400-8	MP-01-(051-088)-202308	104	103	123	117	111			90
320-104400-8 - DL	MP-01-(051-088)-202308						118	86	
320-104400-9	MP-02-(279-300)-202308	34	74	49	88	95	114	122	66
320-104400-10	MP-02-(253-276)-202308	45	77	62	86	93	104	103	63
320-104400-11	MP-02-(223-250)-202308	77	77	92	86	102	116	100	70
320-104400-12	MP-02-(198-220)-202308	81	81	103	97	96		101	75
320-104400-12 - DL	MP-02-(198-220)-202308						128		
320-104400-13	MP-02-(153-195)-202308	69	75	91	89	91		96	66
320-104400-13 - DL	MP-02-(153-195)-202308						83		
320-104400-14	MP-03-(280-300)-202308	73	73	88	83	93	117	100	66
320-104400-15	MP-03-(245-277)-202308	82	87	96	96	108	121	117	73
320-104400-16	MP-03-(220-242)-202308	72	85	79	78	71	95	109	92
320-104400-17	MP-03-(190-217)-202308	77	91	77	81	86	102	112	89
320-104400-18	MP-03-(160-187)-202308	75	82	75	79	89	89	90	83
320-104400-19	MP-03-(120-157)-202308	43	79	56	83	77	91	128	83
320-104400-20	MP-03-(083-117)-202308	41	67	54	70	83	90	104	76
320-104400-21	MP-03-(046-080)-202308	59	78	71	79	85	94	125	88
320-104400-22	MP-04-(275-291)-202308	78	86	76	80	79	102	108	91
320-104400-23	MP-04-(245-272)-202308	82	88	91	95	90	99	135	91
320-104400-24	MP-04-(220-242)-202308	72	74	77	78	73	82	89	79
320-104400-25	MP-04-(195-217)-202308	36	80	55	84	89	86	139	84
320-104400-26	MP-04-(155-192)-202308	76	81	87	88	84		90	85
320-104400-26 - DL	MP-04-(155-192)-202308						94		
320-104400-27	MP-04-(115-152)-202308	89	99	98	110	119		158 *5+	112
320-104400-27 - DL	MP-04-(115-152)-202308						111		
320-104400-28	MP-04-(080-112)-202308	89	92	93	94	105		129	100
320-104400-28 - DL	MP-04-(080-112)-202308						91		
320-104400-29	MP-04-(048-077)-202308	77	79	92	91	91	104	109	94
320-104400-30	MP-05-(SWL-065)-202308	79	85	83	87	89	89	112	88
320-104400-31	MP-06-(148-178)-202308	86	90	88	88	98	92	101	90
320-104400-32	MP-06-(113-145)-202308	82	89	89	88	99	100	116	91
320-104400-33	MP-06-(73-110)-202308	79	90	86	93	93	92	138	94
320-104400-34	MP-06-(36-70)-202308	82	87	90	91	99	94	93	89
320-104400-35	MP-06-(21-33)-202308	80	85	85	82	90	94	104	88
320-104400-36	MP-07-(220-258)-202308	17	73	26	85	94	103	190 *5+	83
320-104400-37	MP-07-(195-217)-202308	84	91	88	87	84	102	112	87
320-104400-38	MP-07-(155-192)-202308	32	79	52	88	82	96	148	86
320-104400-39	MP-07-(115-152)-202308	83	85	92	87	99		107	88
320-104400-39 - DL	MP-07-(115-152)-202308						96		
320-104400-40	MP-07-(80-112)-202308	54	79	69	82	89	89	139	84
320-104400-41	MP-07-(48-77)-202308	84	85	88	89	91	98	99	91
320-104400-42	MP-08-(220-246)-202308	75	80	81	81	89	100	90	86
320-104400-43	MP-08-(195-217)-202308	79	83	81	81	92	95	93	89
320-104400-44	MP-08-(155-192)-202308	45	83	59	89	105	98	148	90
320-104400-45	MP-08-(115-152)-202308	32	81	49	86	101	102	164 *5+	87
320-104400-46	MP-08-(80-112)-202308	75	89	84	89	91	91	136	91
320-104400-47	MP-08-(48-77)-202308	62	64	80	83	74	64	68	79

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Isotope Dilution Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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)							
		dMeFOSA (10-150)	dEtFOSA (10-150)	NFMF (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
320-104400-48	DUP-01-202308	66	67	89	88	77	65	70	83
320-104400-49	DUP-02-202308	63	67	91	93	77	63	69	83
320-104400-50	DUP-03-202308	71	71	100	99	77		73	93
320-104400-50 - DL	DUP-03-202308						128		
320-104400-51	DUP-04-202308	61	66	81	78	77	69	75	87
320-104400-52	DUP-05-202308	64	65	78	79	68	60	71	79
320-104400-53	DUP-06-202308	67	70	84	84	74	73	74	89
320-104400-54	DUP-07-202308	46	71	66	86	79		97	89
320-104400-54 - DL	DUP-07-202308						103		
320-104400-55	DUP-08-202308	74	77	94	91	85	79	76	93
320-104400-56	FB-01-202308	65	70	99	101	75	70	70	87
320-104400-57	EB-01-202308	63	66	80	81	69	65	64	81
320-104400-58	EB-02-202308	63	69	80	84	78	78	75	87
320-104400-59	EB-03-202308	64	69	80	80	78	68	73	83
320-104400-60	EB-04-202308	61	63	94	91	71	67	67	79
320-104400-61	EB-05-202308	51	54	72	70	71	63	65	78
320-104400-62	EB-06-202308	70	73	87	88	81	76	80	87
320-104400-63	EB-07-202308	80	85	103	108	88	89	76	101
320-104400-64	EB-08-202308	64	67	88	87	77	76	75	87
LCS 320-704289/2-A	Lab Control Sample	84	88	96	97	118	102	112	86
LCS 320-704291/2-A	Lab Control Sample	66	69	81	77	79	114	99	61
LCS 320-705335/2-A	Lab Control Sample	59	66	74	70	67	73	85	84
LCS 320-705336/2-A	Lab Control Sample	82	87	94	95	87	86	88	90
LCS 320-705338/2-A	Lab Control Sample	89	90	101	99	101	97	95	94
LCS 320-706972/2-A	Lab Control Sample	62	62	84	82	73	69	72	86
LCSD 320-704291/3-A	Lab Control Sample Dup	74	77	92	86	84	113	105	65
LCSD 320-705335/3-A	Lab Control Sample Dup	67	75	82	82	79	88	92	92
LCSD 320-705336/3-A	Lab Control Sample Dup	70	71	80	78	77	66	76	77
LCSD 320-705338/3-A	Lab Control Sample Dup	84	91	98	100	100	90	102	98
LCSD 320-706972/3-A	Lab Control Sample Dup	64	69	93	93	83	75	72	96
MB 320-704289/1-A	Method Blank	62	67	80	81	93	88	100	73
MB 320-704291/1-A	Method Blank	45	45	55	51	58	77	69	43
MB 320-705335/1-A	Method Blank	73	80	86	88	80	97	98	92
MB 320-705336/1-A	Method Blank	81	83	90	92	92	97	105	89
MB 320-705338/1-A	Method Blank	82	84	92	93	99	97	93	89
MB 320-706972/1-A	Method Blank	72	74	95	94	81	75	78	89

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
- PFDaA = 13C2 PFDaA
- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- PFHxS = 18O2 PFHxS

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-704289/1-A
Matrix: Water
Analysis Batch: 704328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704289

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/06/23 19:10	09/07/23 15:02	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/06/23 19:10	09/07/23 15:02	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/06/23 19:10	09/07/23 15:02	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/06/23 19:10	09/07/23 15:02	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/06/23 19:10	09/07/23 15:02	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/06/23 19:10	09/07/23 15:02	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/06/23 19:10	09/07/23 15:02	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/06/23 19:10	09/07/23 15:02	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/06/23 19:10	09/07/23 15:02	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/06/23 19:10	09/07/23 15:02	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/06/23 19:10	09/07/23 15:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/06/23 19:10	09/07/23 15:02	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/06/23 19:10	09/07/23 15:02	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:10	09/07/23 15:02	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/06/23 19:10	09/07/23 15:02	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	100		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C5 PFPeA	90		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C2 PFHxA	91		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C4 PFHpA	87		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C4 PFOA	91		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C5 PFNA	94		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C2 PFDA	90		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C2 PFUnA	80		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C2 PFDoA	79		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C2 PFTeDA	77		25 - 150	09/06/23 19:10	09/07/23 15:02	1

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-704289/1-A
Matrix: Water
Analysis Batch: 704328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704289

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C3 PFBS	89		25 - 150	09/06/23 19:10	09/07/23 15:02	1
18O2 PFHxS	87		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C4 PFOS	84		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C8 FOSA	91		10 - 150	09/06/23 19:10	09/07/23 15:02	1
d3-NMeFOSAA	84		25 - 150	09/06/23 19:10	09/07/23 15:02	1
d5-NEtFOSAA	91		25 - 150	09/06/23 19:10	09/07/23 15:02	1
d-N-MeFOSA-M	62		10 - 150	09/06/23 19:10	09/07/23 15:02	1
d-N-EtFOSA-M	67		10 - 150	09/06/23 19:10	09/07/23 15:02	1
d7-N-MeFOSE-M	80		10 - 150	09/06/23 19:10	09/07/23 15:02	1
d9-N-EtFOSE-M	81		10 - 150	09/06/23 19:10	09/07/23 15:02	1
M2-4:2 FTS	93		25 - 150	09/06/23 19:10	09/07/23 15:02	1
M2-6:2 FTS	88		25 - 150	09/06/23 19:10	09/07/23 15:02	1
M2-8:2 FTS	100		25 - 150	09/06/23 19:10	09/07/23 15:02	1
13C3 HFPO-DA	73		25 - 150	09/06/23 19:10	09/07/23 15:02	1

Lab Sample ID: LCS 320-704289/2-A
Matrix: Water
Analysis Batch: 704328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Perfluorobutanoic acid (PFBA)	160	154		ng/L		96	60 - 135
Perfluoropentanoic acid (PFPeA)	160	166		ng/L		104	60 - 135
Perfluorohexanoic acid (PFHxA)	160	176		ng/L		110	60 - 135
Perfluoroheptanoic acid (PFHpA)	160	156		ng/L		98	60 - 135
Perfluorooctanoic acid (PFOA)	160	159		ng/L		99	60 - 135
Perfluorononanoic acid (PFNA)	160	161		ng/L		101	60 - 135
Perfluorodecanoic acid (PFDA)	160	152		ng/L		95	60 - 135
Perfluoroundecanoic acid (PFUnA)	160	156		ng/L		97	60 - 135
Perfluorododecanoic acid (PFDoA)	160	178		ng/L		111	60 - 135
Perfluorotridecanoic acid (PFTrDA)	160	170		ng/L		106	60 - 135
Perfluorotetradecanoic acid (PFTeA)	160	163		ng/L		102	60 - 135
Perfluorobutanesulfonic acid (PFBS)	142	147		ng/L		104	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	150	143		ng/L		95	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	146	138		ng/L		95	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	153	162		ng/L		106	60 - 135
Perfluorooctanesulfonic acid (PFOS)	149	150		ng/L		101	60 - 135
Perfluorononanesulfonic acid (PFNS)	154	157		ng/L		102	60 - 135
Perfluorodecanesulfonic acid (PFDS)	154	147		ng/L		95	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	155	142		ng/L		92	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-704289/2-A
Matrix: Water
Analysis Batch: 704328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (FOSA)	160	167		ng/L		104	60 - 135
NEtFOSA	160	175		ng/L		109	60 - 135
NMeFOSA	160	192		ng/L		120	60 - 135
NMeFOSAA	160	157		ng/L		98	60 - 135
NEtFOSAA	160	156		ng/L		98	60 - 135
NMeFOSE	160	168		ng/L		105	60 - 135
NEtFOSE	160	167		ng/L		105	60 - 135
4:2 FTS	150	147		ng/L		98	60 - 135
6:2 FTS	152	152		ng/L		100	60 - 135
8:2 FTS	154	160		ng/L		104	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	159		ng/L		105	60 - 135
HFPO-DA (GenX)	160	175		ng/L		109	60 - 135
9Cl-PF3ONS	149	160		ng/L		107	60 - 135
11Cl-PF3OUdS	151	145		ng/L		96	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	115		25 - 150
13C5 PFPeA	111		25 - 150
13C2 PFHxA	108		25 - 150
13C4 PFHpA	103		25 - 150
13C4 PFOA	104		25 - 150
13C5 PFNA	104		25 - 150
13C2 PFDA	100		25 - 150
13C2 PFUnA	96		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	91		25 - 150
13C3 PFBS	108		25 - 150
18O2 PFHxS	104		25 - 150
13C4 PFOS	98		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	93		25 - 150
d5-NEtFOSAA	98		25 - 150
d-N-MeFOSA-M	84		10 - 150
d-N-EtFOSA-M	88		10 - 150
d7-N-MeFOSE-M	96		10 - 150
d9-N-EtFOSE-M	97		10 - 150
M2-4:2 FTS	118		25 - 150
M2-6:2 FTS	102		25 - 150
M2-8:2 FTS	112		25 - 150
13C3 HFPO-DA	86		25 - 150

Lab Sample ID: MB 320-704291/1-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704291

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/06/23 19:31	09/08/23 12:30	1

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-704291/1-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704291

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/06/23 19:31	09/08/23 12:30	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/06/23 19:31	09/08/23 12:30	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/06/23 19:31	09/08/23 12:30	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/06/23 19:31	09/08/23 12:30	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/06/23 19:31	09/08/23 12:30	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/06/23 19:31	09/08/23 12:30	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/06/23 19:31	09/08/23 12:30	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/06/23 19:31	09/08/23 12:30	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/06/23 19:31	09/08/23 12:30	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/06/23 19:31	09/08/23 12:30	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/06/23 19:31	09/08/23 12:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/06/23 19:31	09/08/23 12:30	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/06/23 19:31	09/08/23 12:30	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/06/23 19:31	09/08/23 12:30	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/06/23 19:31	09/08/23 12:30	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	54		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C5 PFPeA	45		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C2 PFHxA	60		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C4 PFHpA	57		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C4 PFOA	66		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C5 PFNA	61		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C2 PFDA	65		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C2 PFUnA	63		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C2 PFDoA	56		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C2 PFTeDA	63		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C3 PFBS	59		25 - 150	09/06/23 19:31	09/08/23 12:30	1
18O2 PFHxS	63		25 - 150	09/06/23 19:31	09/08/23 12:30	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-704291/1-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704291

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFOS	57		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C8 FOSA	61		10 - 150	09/06/23 19:31	09/08/23 12:30	1
d3-NMeFOSAA	82		25 - 150	09/06/23 19:31	09/08/23 12:30	1
d5-NEtFOSAA	77		25 - 150	09/06/23 19:31	09/08/23 12:30	1
d-N-MeFOSA-M	45		10 - 150	09/06/23 19:31	09/08/23 12:30	1
d-N-EtFOSA-M	45		10 - 150	09/06/23 19:31	09/08/23 12:30	1
d7-N-MeFOSE-M	55		10 - 150	09/06/23 19:31	09/08/23 12:30	1
d9-N-EtFOSE-M	51		10 - 150	09/06/23 19:31	09/08/23 12:30	1
M2-4:2 FTS	58		25 - 150	09/06/23 19:31	09/08/23 12:30	1
M2-6:2 FTS	77		25 - 150	09/06/23 19:31	09/08/23 12:30	1
M2-8:2 FTS	69		25 - 150	09/06/23 19:31	09/08/23 12:30	1
13C3 HFPO-DA	43		25 - 150	09/06/23 19:31	09/08/23 12:30	1

Lab Sample ID: LCS 320-704291/2-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Perfluorobutanoic acid (PFBA)	8.00	6.95		ng/L		87	60 - 135
Perfluoropentanoic acid (PFPeA)	8.00	8.66		ng/L		108	60 - 135
Perfluorohexanoic acid (PFHxA)	8.00	9.60		ng/L		120	60 - 135
Perfluoroheptanoic acid (PFHpA)	8.00	7.90		ng/L		99	60 - 135
Perfluorooctanoic acid (PFOA)	8.00	8.10		ng/L		101	60 - 135
Perfluorononanoic acid (PFNA)	8.00	7.84		ng/L		98	60 - 135
Perfluorodecanoic acid (PFDA)	8.00	8.36		ng/L		105	60 - 135
Perfluoroundecanoic acid (PFUnA)	8.00	8.60		ng/L		108	60 - 135
Perfluorododecanoic acid (PFDoA)	8.00	8.51		ng/L		106	60 - 135
Perfluorotridecanoic acid (PFTrDA)	8.00	7.16		ng/L		90	60 - 135
Perfluorotetradecanoic acid (PFTeA)	8.00	7.00		ng/L		87	60 - 135
Perfluorobutanesulfonic acid (PFBS)	7.10	7.07		ng/L		100	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	7.52	7.47		ng/L		99	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	7.30	6.48		ng/L		89	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	7.63	8.12		ng/L		106	60 - 135
Perfluorooctanesulfonic acid (PFOS)	7.44	7.15		ng/L		96	60 - 135
Perfluorononanesulfonic acid (PFNS)	7.70	7.39		ng/L		96	60 - 135
Perfluorodecanesulfonic acid (PFDS)	7.71	7.65		ng/L		99	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	7.76	6.18		ng/L		80	60 - 135
Perfluorooctanesulfonamide (FOSA)	8.00	7.41		ng/L		93	60 - 135
NEtFOSA	8.00	6.52		ng/L		81	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-704291/2-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
NMeFOSA	8.00	7.16		ng/L		89	60 - 135
NMeFOSAA	8.00	8.14		ng/L		102	60 - 135
NEtFOSAA	8.00	7.57		ng/L		95	60 - 135
NMeFOSE	8.00	8.08		ng/L		101	60 - 135
NEtFOSE	8.00	8.33		ng/L		104	60 - 135
4:2 FTS	7.50	7.61		ng/L		101	60 - 135
6:2 FTS	7.62	7.09		ng/L		93	60 - 135
8:2 FTS	7.68	7.93		ng/L		103	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.57	7.60		ng/L		100	60 - 135
HFPO-DA (GenX)	8.00	8.48		ng/L		106	60 - 135
9Cl-PF3ONS	7.47	7.16		ng/L		96	60 - 135
11Cl-PF3OUdS	7.55	7.22		ng/L		96	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	79		25 - 150
13C5 PFPeA	64		25 - 150
13C2 PFHxA	77		25 - 150
13C4 PFHpA	80		25 - 150
13C4 PFOA	91		25 - 150
13C5 PFNA	85		25 - 150
13C2 PFDA	89		25 - 150
13C2 PFUnA	83		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	83		25 - 150
13C3 PFBS	83		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	82		25 - 150
13C8 FOSA	88		10 - 150
d3-NMeFOSAA	108		25 - 150
d5-NEtFOSAA	112		25 - 150
d-N-MeFOSA-M	66		10 - 150
d-N-EtFOSA-M	69		10 - 150
d7-N-MeFOSE-M	81		10 - 150
d9-N-EtFOSE-M	77		10 - 150
M2-4:2 FTS	79		25 - 150
M2-6:2 FTS	114		25 - 150
M2-8:2 FTS	99		25 - 150
13C3 HFPO-DA	61		25 - 150

Lab Sample ID: LCSD 320-704291/3-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 704291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Perfluorobutanoic acid (PFBA)	8.00	6.12		ng/L		77	60 - 135	13	30
Perfluoropentanoic acid (PFPeA)	8.00	7.48		ng/L		94	60 - 135	15	30
Perfluorohexanoic acid (PFHxA)	8.00	7.61		ng/L		95	60 - 135	23	30
Perfluoroheptanoic acid (PFHpA)	8.00	7.05		ng/L		88	60 - 135	11	30

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-704291/3-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 704291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	8.00	7.53		ng/L		94	60 - 135	7	30
Perfluorononanoic acid (PFNA)	8.00	7.39		ng/L		92	60 - 135	6	30
Perfluorodecanoic acid (PFDA)	8.00	6.85		ng/L		86	60 - 135	20	30
Perfluoroundecanoic acid (PFUnA)	8.00	7.21		ng/L		90	60 - 135	18	30
Perfluorododecanoic acid (PFDoA)	8.00	8.08		ng/L		101	60 - 135	5	30
Perfluorotridecanoic acid (PFTrDA)	8.00	6.95		ng/L		87	60 - 135	3	30
Perfluorotetradecanoic acid (PFTeA)	8.00	6.60		ng/L		82	60 - 135	6	30
Perfluorobutanesulfonic acid (PFBS)	7.10	5.97		ng/L		84	60 - 135	17	30
Perfluoropentanesulfonic acid (PFPeS)	7.52	7.00		ng/L		93	60 - 135	7	30
Perfluorohexanesulfonic acid (PFHxS)	7.30	5.77		ng/L		79	60 - 135	12	30
Perfluoroheptanesulfonic acid (PFHpS)	7.63	6.95		ng/L		91	60 - 135	15	30
Perfluorooctanesulfonic acid (PFOS)	7.44	6.21		ng/L		83	60 - 135	14	30
Perfluorononanesulfonic acid (PFNS)	7.70	6.60		ng/L		86	60 - 135	11	30
Perfluorodecanesulfonic acid (PFDS)	7.71	6.35		ng/L		82	60 - 135	19	30
Perfluorododecanesulfonic acid (PFDoS)	7.76	6.13		ng/L		79	60 - 135	1	30
Perfluorooctanesulfonamide (FOSA)	8.00	6.59		ng/L		82	60 - 135	12	30
NEtFOSA	8.00	6.06		ng/L		76	60 - 135	7	30
NMeFOSA	8.00	5.95		ng/L		74	60 - 135	18	30
NMeFOSAA	8.00	6.62		ng/L		83	60 - 135	21	30
NEtFOSAA	8.00	6.95		ng/L		87	60 - 135	9	30
NMeFOSE	8.00	6.86		ng/L		86	60 - 135	16	30
NEtFOSE	8.00	6.90		ng/L		86	60 - 135	19	30
4:2 FTS	7.50	7.02		ng/L		94	60 - 135	8	30
6:2 FTS	7.62	6.24		ng/L		82	60 - 135	13	30
8:2 FTS	7.68	6.76		ng/L		88	60 - 135	16	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.57	6.69		ng/L		88	60 - 135	13	30
HFPO-DA (GenX)	8.00	7.62		ng/L		95	60 - 135	11	30
9Cl-PF3ONS	7.47	6.27		ng/L		84	60 - 135	13	30
11Cl-PF3OUdS	7.55	6.53		ng/L		86	60 - 135	10	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C4 PFBA	88		25 - 150
13C5 PFPeA	69		25 - 150
13C2 PFHxA	94		25 - 150
13C4 PFHpA	89		25 - 150
13C4 PFOA	99		25 - 150
13C5 PFNA	88		25 - 150
13C2 PFDA	99		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-704291/3-A
Matrix: Water
Analysis Batch: 704721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 704291

<i>Isotope Dilution</i>	<i>LCSD</i>	<i>LCSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C2 PFUnA	93		25 - 150
13C2 PFDoA	91		25 - 150
13C2 PFTeDA	90		25 - 150
13C3 PFBS	88		25 - 150
18O2 PFHxS	97		25 - 150
13C4 PFOS	90		25 - 150
13C8 FOSA	96		10 - 150
d3-NMeFOSAA	124		25 - 150
d5-NEtFOSAA	120		25 - 150
d-N-MeFOSA-M	74		10 - 150
d-N-EtFOSA-M	77		10 - 150
d7-N-MeFOSE-M	92		10 - 150
d9-N-EtFOSE-M	86		10 - 150
M2-4:2 FTS	84		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	105		25 - 150
13C3 HFPO-DA	65		25 - 150

Lab Sample ID: MB 320-705335/1-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705335

<i>Analyte</i>	<i>MB</i>	<i>MB</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	<i>Result</i>	<i>Qualifier</i>							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/11/23 19:09	09/13/23 16:14	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/11/23 19:09	09/13/23 16:14	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/11/23 19:09	09/13/23 16:14	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 19:09	09/13/23 16:14	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 19:09	09/13/23 16:14	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 19:09	09/13/23 16:14	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-705335/1-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 19:09	09/13/23 16:14	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/11/23 19:09	09/13/23 16:14	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 19:09	09/13/23 16:14	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 19:09	09/13/23 16:14	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 19:09	09/13/23 16:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 19:09	09/13/23 16:14	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 19:09	09/13/23 16:14	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 19:09	09/13/23 16:14	1
11CI-PF3OUdS	0.324	J	2.0	0.32	ng/L		09/11/23 19:09	09/13/23 16:14	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C5 PFPeA	97		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C2 PFHxA	88		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C4 PFHpA	99		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C4 PFOA	106		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C5 PFNA	109		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C2 PFDA	101		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C2 PFUnA	97		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C2 PFDoA	103		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C2 PFTeDA	100		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C3 PFBS	93		25 - 150	09/11/23 19:09	09/13/23 16:14	1
18O2 PFHxS	92		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C4 PFOS	99		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C8 FOSA	96		10 - 150	09/11/23 19:09	09/13/23 16:14	1
d3-NMeFOSAA	72		25 - 150	09/11/23 19:09	09/13/23 16:14	1
d5-NEtFOSAA	92		25 - 150	09/11/23 19:09	09/13/23 16:14	1
d-N-MeFOSA-M	73		10 - 150	09/11/23 19:09	09/13/23 16:14	1
d-N-EtFOSA-M	80		10 - 150	09/11/23 19:09	09/13/23 16:14	1
d7-N-MeFOSE-M	86		10 - 150	09/11/23 19:09	09/13/23 16:14	1
d9-N-EtFOSE-M	88		10 - 150	09/11/23 19:09	09/13/23 16:14	1
M2-4:2 FTS	80		25 - 150	09/11/23 19:09	09/13/23 16:14	1
M2-6:2 FTS	97		25 - 150	09/11/23 19:09	09/13/23 16:14	1
M2-8:2 FTS	98		25 - 150	09/11/23 19:09	09/13/23 16:14	1
13C3 HFPO-DA	92		25 - 150	09/11/23 19:09	09/13/23 16:14	1

Lab Sample ID: LCS 320-705335/2-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	41.3		ng/L		103	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	40.7		ng/L		102	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	43.0		ng/L		107	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	38.2		ng/L		96	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	40.4		ng/L		101	60 - 135
Perfluorononanoic acid (PFNA)	40.0	41.0		ng/L		102	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	43.7		ng/L		109	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-705335/2-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	40.5		ng/L		101	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	43.8		ng/L		110	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	39.8		ng/L		99	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	39.8		ng/L		100	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.5	37.3		ng/L		105	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.2		ng/L		99	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.5	35.9		ng/L		98	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	38.2	40.1		ng/L		105	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.2	38.1		ng/L		102	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.5	35.8		ng/L		93	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	34.9		ng/L		91	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.8	33.7		ng/L		87	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	35.6		ng/L		89	60 - 135
NEtFOSA	40.0	43.4		ng/L		109	60 - 135
NMeFOSA	40.0	42.4		ng/L		106	60 - 135
NMeFOSAA	40.0	41.4		ng/L		103	60 - 135
NEtFOSAA	40.0	37.9		ng/L		95	60 - 135
NMeFOSE	40.0	37.9		ng/L		95	60 - 135
NEtFOSE	40.0	43.3		ng/L		108	60 - 135
4:2 FTS	37.5	41.6		ng/L		111	60 - 135
6:2 FTS	38.1	45.3		ng/L		119	60 - 135
8:2 FTS	38.4	43.3		ng/L		113	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	42.0		ng/L		111	60 - 135
HFPO-DA (GenX)	40.0	47.8		ng/L		119	60 - 135
9CI-PF3ONS	37.4	34.7		ng/L		93	60 - 135
11CI-PF3OUdS	37.8	36.6		ng/L		97	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	77		25 - 150
13C5 PFPeA	80		25 - 150
13C2 PFHxA	77		25 - 150
13C4 PFHpA	88		25 - 150
13C4 PFOA	94		25 - 150
13C5 PFNA	94		25 - 150
13C2 PFDA	84		25 - 150
13C2 PFUnA	82		25 - 150
13C2 PFDoA	88		25 - 150
13C2 PFTeDA	86		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-705335/2-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705335

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C3 PFBS	79		25 - 150
18O2 PFHxS	80		25 - 150
13C4 PFOS	85		25 - 150
13C8 FOSA	84		10 - 150
d3-NMeFOSAA	64		25 - 150
d5-NEtFOSAA	71		25 - 150
d-N-MeFOSA-M	59		10 - 150
d-N-EtFOSA-M	66		10 - 150
d7-N-MeFOSE-M	74		10 - 150
d9-N-EtFOSE-M	70		10 - 150
M2-4:2 FTS	67		25 - 150
M2-6:2 FTS	73		25 - 150
M2-8:2 FTS	85		25 - 150
13C3 HFPO-DA	84		25 - 150

Lab Sample ID: LCSD 320-705335/3-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705335

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Perfluorobutanoic acid (PFBA)	40.0	43.0		ng/L		107	60 - 135	4	30	
Perfluoropentanoic acid (PFPeA)	40.0	40.9		ng/L		102	60 - 135	1	30	
Perfluorohexanoic acid (PFHxA)	40.0	45.0		ng/L		113	60 - 135	5	30	
Perfluoroheptanoic acid (PFHpA)	40.0	39.6		ng/L		99	60 - 135	3	30	
Perfluorooctanoic acid (PFOA)	40.0	39.3		ng/L		98	60 - 135	3	30	
Perfluorononanoic acid (PFNA)	40.0	40.3		ng/L		101	60 - 135	2	30	
Perfluorodecanoic acid (PFDA)	40.0	42.0		ng/L		105	60 - 135	4	30	
Perfluoroundecanoic acid (PFUnA)	40.0	43.6		ng/L		109	60 - 135	7	30	
Perfluorododecanoic acid (PFDoA)	40.0	42.8		ng/L		107	60 - 135	2	30	
Perfluorotridecanoic acid (PFTrDA)	40.0	39.0		ng/L		98	60 - 135	2	30	
Perfluorotetradecanoic acid (PFTeA)	40.0	40.1		ng/L		100	60 - 135	1	30	
Perfluorobutanesulfonic acid (PFBS)	35.5	37.5		ng/L		105	60 - 135	0	30	
Perfluoropentanesulfonic acid (PFPeS)	37.6	38.5		ng/L		102	60 - 135	3	30	
Perfluorohexanesulfonic acid (PFHxS)	36.5	36.4		ng/L		100	60 - 135	1	30	
Perfluoroheptanesulfonic acid (PFHpS)	38.2	36.7		ng/L		96	60 - 135	9	30	
Perfluorooctanesulfonic acid (PFOS)	37.2	38.5		ng/L		103	60 - 135	1	30	
Perfluorononanesulfonic acid (PFNS)	38.5	32.8		ng/L		85	60 - 135	9	30	
Perfluorodecanesulfonic acid (PFDS)	38.6	34.5		ng/L		89	60 - 135	1	30	
Perfluorododecanesulfonic acid (PFDoS)	38.8	33.7		ng/L		87	60 - 135	0	30	

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-705335/3-A
Matrix: Water
Analysis Batch: 705926

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705335

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide (FOSA)	40.0	38.7		ng/L		97	60 - 135	8	30
NEtFOSA	40.0	44.5		ng/L		111	60 - 135	2	30
NMeFOSA	40.0	43.7		ng/L		109	60 - 135	3	30
NMeFOSAA	40.0	40.4		ng/L		101	60 - 135	3	30
NEtFOSAA	40.0	39.0		ng/L		97	60 - 135	3	30
NMeFOSE	40.0	38.3		ng/L		96	60 - 135	1	30
NEtFOSE	40.0	38.7		ng/L		97	60 - 135	11	30
4:2 FTS	37.5	36.9		ng/L		98	60 - 135	12	30
6:2 FTS	38.1	38.1		ng/L		100	60 - 135	17	30
8:2 FTS	38.4	39.5		ng/L		103	60 - 135	9	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	38.0		ng/L		100	60 - 135	10	30
HFPO-DA (GenX)	40.0	51.3		ng/L		128	60 - 135	7	30
9Cl-PF3ONS	37.4	36.9		ng/L		99	60 - 135	6	30
11Cl-PF3OUdS	37.8	34.8		ng/L		92	60 - 135	5	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	82		25 - 150
13C5 PFPeA	86		25 - 150
13C2 PFHxA	82		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	96		25 - 150
13C5 PFNA	98		25 - 150
13C2 PFDA	89		25 - 150
13C2 PFUnA	86		25 - 150
13C2 PFDoA	94		25 - 150
13C2 PFTeDA	97		25 - 150
13C3 PFBS	84		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	93		25 - 150
13C8 FOSA	93		10 - 150
d3-NMeFOSAA	70		25 - 150
d5-NEtFOSAA	75		25 - 150
d-N-MeFOSA-M	67		10 - 150
d-N-EtFOSA-M	75		10 - 150
d7-N-MeFOSE-M	82		10 - 150
d9-N-EtFOSE-M	82		10 - 150
M2-4:2 FTS	79		25 - 150
M2-6:2 FTS	88		25 - 150
M2-8:2 FTS	92		25 - 150
13C3 HFPO-DA	92		25 - 150

Lab Sample ID: MB 320-705336/1-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 19:25	09/12/23 14:46	1

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-705336/1-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705336

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorohexanoic acid (PFHxA)	0.634	J	2.0	0.58	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/11/23 19:25	09/12/23 14:46	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/11/23 19:25	09/12/23 14:46	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/11/23 19:25	09/12/23 14:46	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 19:25	09/12/23 14:46	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 19:25	09/12/23 14:46	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 19:25	09/12/23 14:46	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 19:25	09/12/23 14:46	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/11/23 19:25	09/12/23 14:46	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 14:46	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 19:25	09/12/23 14:46	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 19:25	09/12/23 14:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 19:25	09/12/23 14:46	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 19:25	09/12/23 14:46	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 19:25	09/12/23 14:46	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 19:25	09/12/23 14:46	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	95		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C5 PFPeA	105		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C2 PFHxA	92		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C4 PFHpA	90		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C4 PFOA	100		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C5 PFNA	99		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C2 PFDA	103		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C2 PFUnA	100		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C2 PFDoA	97		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C2 PFTeDA	95		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C3 PFBS	102		25 - 150	09/11/23 19:25	09/12/23 14:46	1
18O2 PFHxS	98		25 - 150	09/11/23 19:25	09/12/23 14:46	1

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-705336/1-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705336

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFOS	93		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C8 FOSA	99		10 - 150	09/11/23 19:25	09/12/23 14:46	1
d3-NMeFOSAA	91		25 - 150	09/11/23 19:25	09/12/23 14:46	1
d5-NEtFOSAA	97		25 - 150	09/11/23 19:25	09/12/23 14:46	1
d-N-MeFOSA-M	81		10 - 150	09/11/23 19:25	09/12/23 14:46	1
d-N-EtFOSA-M	83		10 - 150	09/11/23 19:25	09/12/23 14:46	1
d7-N-MeFOSE-M	90		10 - 150	09/11/23 19:25	09/12/23 14:46	1
d9-N-EtFOSE-M	92		10 - 150	09/11/23 19:25	09/12/23 14:46	1
M2-4:2 FTS	92		25 - 150	09/11/23 19:25	09/12/23 14:46	1
M2-6:2 FTS	97		25 - 150	09/11/23 19:25	09/12/23 14:46	1
M2-8:2 FTS	105		25 - 150	09/11/23 19:25	09/12/23 14:46	1
13C3 HFPO-DA	89		25 - 150	09/11/23 19:25	09/12/23 14:46	1

Lab Sample ID: LCS 320-705336/2-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Perfluorobutanoic acid (PFBA)	160	167		ng/L		105	60 - 135
Perfluoropentanoic acid (PFPeA)	160	168		ng/L		105	60 - 135
Perfluorohexanoic acid (PFHxA)	160	181		ng/L		113	60 - 135
Perfluoroheptanoic acid (PFHpA)	160	177		ng/L		111	60 - 135
Perfluorooctanoic acid (PFOA)	160	179		ng/L		112	60 - 135
Perfluorononanoic acid (PFNA)	160	165		ng/L		103	60 - 135
Perfluorodecanoic acid (PFDA)	160	178		ng/L		111	60 - 135
Perfluoroundecanoic acid (PFUnA)	160	173		ng/L		108	60 - 135
Perfluorododecanoic acid (PFDoA)	160	170		ng/L		106	60 - 135
Perfluorotridecanoic acid (PFTrDA)	160	153		ng/L		96	60 - 135
Perfluorotetradecanoic acid (PFTeA)	160	180		ng/L		112	60 - 135
Perfluorobutanesulfonic acid (PFBS)	142	152		ng/L		107	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	150	166		ng/L		110	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	146	153		ng/L		105	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	153	173		ng/L		113	60 - 135
Perfluorooctanesulfonic acid (PFOS)	149	169		ng/L		114	60 - 135
Perfluorononanesulfonic acid (PFNS)	154	173		ng/L		112	60 - 135
Perfluorodecanesulfonic acid (PFDS)	154	169		ng/L		110	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	155	164		ng/L		106	60 - 135
Perfluorooctanesulfonamide (FOSA)	160	171		ng/L		107	60 - 135
NEtFOSA	160	183		ng/L		114	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-705336/2-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
NMeFOSA	160	199		ng/L		124	60 - 135
NMeFOSAA	160	174		ng/L		109	60 - 135
NEtFOSAA	160	186		ng/L		116	60 - 135
NMeFOSE	160	179		ng/L		112	60 - 135
NEtFOSE	160	186		ng/L		116	60 - 135
4:2 FTS	150	183		ng/L		122	60 - 135
6:2 FTS	152	167		ng/L		110	60 - 135
8:2 FTS	154	164		ng/L		107	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	176		ng/L		116	60 - 135
HFPO-DA (GenX)	160	186		ng/L		116	60 - 135
9Cl-PF3ONS	149	177		ng/L		118	60 - 135
11Cl-PF3OUdS	151	171		ng/L		113	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	96		25 - 150
13C5 PFPeA	94		25 - 150
13C2 PFHxA	91		25 - 150
13C4 PFHpA	98		25 - 150
13C4 PFOA	93		25 - 150
13C5 PFNA	103		25 - 150
13C2 PFDA	96		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	101		25 - 150
13C2 PFTeDA	94		25 - 150
13C3 PFBS	99		25 - 150
18O2 PFHxS	96		25 - 150
13C4 PFOS	94		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	93		25 - 150
d5-NEtFOSAA	92		25 - 150
d-N-MeFOSA-M	82		10 - 150
d-N-EtFOSA-M	87		10 - 150
d7-N-MeFOSE-M	94		10 - 150
d9-N-EtFOSE-M	95		10 - 150
M2-4:2 FTS	87		25 - 150
M2-6:2 FTS	86		25 - 150
M2-8:2 FTS	88		25 - 150
13C3 HFPO-DA	90		25 - 150

Lab Sample ID: LCSD 320-705336/3-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705336

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	160	158		ng/L		98	60 - 135	6	30
Perfluoropentanoic acid (PFPeA)	160	160		ng/L		100	60 - 135	5	30
Perfluorohexanoic acid (PFHxA)	160	183		ng/L		114	60 - 135	1	30
Perfluoroheptanoic acid (PFHpA)	160	170		ng/L		106	60 - 135	4	30

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-705336/3-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705336

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	160	177		ng/L		110	60 - 135	2	30
Perfluorononanoic acid (PFNA)	160	157		ng/L		98	60 - 135	5	30
Perfluorodecanoic acid (PFDA)	160	167		ng/L		104	60 - 135	6	30
Perfluoroundecanoic acid (PFUnA)	160	160		ng/L		100	60 - 135	7	30
Perfluorododecanoic acid (PFDoA)	160	158		ng/L		99	60 - 135	7	30
Perfluorotridecanoic acid (PFTrDA)	160	161		ng/L		101	60 - 135	5	30
Perfluorotetradecanoic acid (PFTeA)	160	169		ng/L		106	60 - 135	6	30
Perfluorobutanesulfonic acid (PFBS)	142	145		ng/L		102	60 - 135	5	30
Perfluoropentanesulfonic acid (PFPeS)	150	164		ng/L		109	60 - 135	1	30
Perfluorohexanesulfonic acid (PFHxS)	146	141		ng/L		97	60 - 135	8	30
Perfluoroheptanesulfonic acid (PFHpS)	153	149		ng/L		98	60 - 135	15	30
Perfluorooctanesulfonic acid (PFOS)	149	150		ng/L		101	60 - 135	12	30
Perfluorononanesulfonic acid (PFNS)	154	155		ng/L		100	60 - 135	11	30
Perfluorodecanesulfonic acid (PFDS)	154	158		ng/L		102	60 - 135	7	30
Perfluorododecanesulfonic acid (PFDoS)	155	152		ng/L		98	60 - 135	8	30
Perfluorooctanesulfonamide (FOSA)	160	161		ng/L		100	60 - 135	6	30
NEtFOSA	160	164		ng/L		103	60 - 135	11	30
NMeFOSA	160	172		ng/L		107	60 - 135	14	30
NMeFOSAA	160	154		ng/L		96	60 - 135	12	30
NEtFOSAA	160	162		ng/L		101	60 - 135	14	30
NMeFOSE	160	174		ng/L		109	60 - 135	3	30
NEtFOSE	160	172		ng/L		108	60 - 135	8	30
4:2 FTS	150	145		ng/L		97	60 - 135	23	30
6:2 FTS	152	172		ng/L		113	60 - 135	3	30
8:2 FTS	154	158		ng/L		103	60 - 135	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	158		ng/L		104	60 - 135	11	30
HFPO-DA (GenX)	160	176		ng/L		110	60 - 135	6	30
9Cl-PF3ONS	149	158		ng/L		105	60 - 135	12	30
11Cl-PF3OUdS	151	148		ng/L		98	60 - 135	14	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	79		25 - 150
13C5 PFPeA	80		25 - 150
13C2 PFHxA	75		25 - 150
13C4 PFHpA	84		25 - 150
13C4 PFOA	74		25 - 150
13C5 PFNA	86		25 - 150
13C2 PFDA	82		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-705336/3-A
Matrix: Water
Analysis Batch: 705672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705336

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C2 PFUnA	85		25 - 150
13C2 PFDoA	83		25 - 150
13C2 PFTeDA	78		25 - 150
13C3 PFBS	81		25 - 150
18O2 PFHxS	81		25 - 150
13C4 PFOS	83		25 - 150
13C8 FOSA	83		10 - 150
d3-NMeFOSAA	79		25 - 150
d5-NEtFOSAA	78		25 - 150
d-N-MeFOSA-M	70		10 - 150
d-N-EtFOSA-M	71		10 - 150
d7-N-MeFOSE-M	80		10 - 150
d9-N-EtFOSE-M	78		10 - 150
M2-4:2 FTS	77		25 - 150
M2-6:2 FTS	66		25 - 150
M2-8:2 FTS	76		25 - 150
13C3 HFPO-DA	77		25 - 150

Lab Sample ID: MB 320-705338/1-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705338

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/11/23 21:41	09/12/23 17:41	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/11/23 21:41	09/12/23 17:41	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/11/23 21:41	09/12/23 17:41	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/11/23 21:41	09/12/23 17:41	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/11/23 21:41	09/12/23 17:41	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/11/23 21:41	09/12/23 17:41	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-705338/1-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.4		4.0	1.4	ng/L		09/11/23 21:41	09/12/23 17:41	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/11/23 21:41	09/12/23 17:41	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 17:41	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/11/23 21:41	09/12/23 17:41	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/11/23 21:41	09/12/23 17:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/11/23 21:41	09/12/23 17:41	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/11/23 21:41	09/12/23 17:41	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/11/23 21:41	09/12/23 17:41	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/11/23 21:41	09/12/23 17:41	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	94		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C5 PFPeA	101		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C2 PFHxA	95		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C4 PFHpA	102		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C4 PFOA	93		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C5 PFNA	99		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C2 PFDA	104		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C2 PFUnA	97		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C2 PFDoA	92		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C2 PFTeDA	95		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C3 PFBS	103		25 - 150	09/11/23 21:41	09/12/23 17:41	1
18O2 PFHxS	96		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C4 PFOS	91		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C8 FOSA	99		10 - 150	09/11/23 21:41	09/12/23 17:41	1
d3-NMeFOSAA	88		25 - 150	09/11/23 21:41	09/12/23 17:41	1
d5-NEtFOSAA	98		25 - 150	09/11/23 21:41	09/12/23 17:41	1
d-N-MeFOSA-M	82		10 - 150	09/11/23 21:41	09/12/23 17:41	1
d-N-EtFOSA-M	84		10 - 150	09/11/23 21:41	09/12/23 17:41	1
d7-N-MeFOSE-M	92		10 - 150	09/11/23 21:41	09/12/23 17:41	1
d9-N-EtFOSE-M	93		10 - 150	09/11/23 21:41	09/12/23 17:41	1
M2-4:2 FTS	99		25 - 150	09/11/23 21:41	09/12/23 17:41	1
M2-6:2 FTS	97		25 - 150	09/11/23 21:41	09/12/23 17:41	1
M2-8:2 FTS	93		25 - 150	09/11/23 21:41	09/12/23 17:41	1
13C3 HFPO-DA	89		25 - 150	09/11/23 21:41	09/12/23 17:41	1

Lab Sample ID: LCS 320-705338/2-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	41.5		ng/L		104	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	42.6		ng/L		106	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	45.1		ng/L		113	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	46.0		ng/L		115	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	47.2		ng/L		118	60 - 135
Perfluorononanoic acid (PFNA)	40.0	41.9		ng/L		105	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	46.4		ng/L		116	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-705338/2-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	44.8		ng/L		112	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	44.3		ng/L		111	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	42.4		ng/L		106	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	42.2		ng/L		106	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.5	36.8		ng/L		104	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.9		ng/L		101	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.5	34.9		ng/L		96	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	38.2	41.2		ng/L		108	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.2	38.3		ng/L		103	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.5	39.9		ng/L		104	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	39.7		ng/L		103	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.8	37.9		ng/L		98	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	40.4		ng/L		101	60 - 135
NEtFOSA	40.0	41.2		ng/L		103	60 - 135
NMeFOSA	40.0	43.3		ng/L		108	60 - 135
NMeFOSAA	40.0	41.7		ng/L		104	60 - 135
NEtFOSAA	40.0	40.8		ng/L		102	60 - 135
NMeFOSE	40.0	40.5		ng/L		101	60 - 135
NEtFOSE	40.0	38.6		ng/L		97	60 - 135
4:2 FTS	37.5	39.8		ng/L		106	60 - 135
6:2 FTS	38.1	40.3		ng/L		106	60 - 135
8:2 FTS	38.4	42.7		ng/L		111	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	48.4		ng/L		128	60 - 135
HFPO-DA (GenX)	40.0	44.2		ng/L		110	60 - 135
9Cl-PF3ONS	37.4	42.5		ng/L		114	60 - 135
11Cl-PF3OUdS	37.8	41.1		ng/L		109	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	104		25 - 150
13C5 PFPeA	104		25 - 150
13C2 PFHxA	97		25 - 150
13C4 PFHpA	99		25 - 150
13C4 PFOA	97		25 - 150
13C5 PFNA	105		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	103		25 - 150
13C2 PFDoA	103		25 - 150
13C2 PFTeDA	91		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-705338/2-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705338

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C3 PFBS	108		25 - 150
18O2 PFHxS	102		25 - 150
13C4 PFOS	98		25 - 150
13C8 FOSA	104		10 - 150
d3-NMeFOSAA	99		25 - 150
d5-NEtFOSAA	101		25 - 150
d-N-MeFOSA-M	89		10 - 150
d-N-EtFOSA-M	90		10 - 150
d7-N-MeFOSE-M	101		10 - 150
d9-N-EtFOSE-M	99		10 - 150
M2-4:2 FTS	101		25 - 150
M2-6:2 FTS	97		25 - 150
M2-8:2 FTS	95		25 - 150
13C3 HFPO-DA	94		25 - 150

Lab Sample ID: LCSD 320-705338/3-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Perfluorobutanoic acid (PFBA)	40.0	42.1		ng/L		105	60 - 135	1	30	
Perfluoropentanoic acid (PFPeA)	40.0	43.5		ng/L		109	60 - 135	2	30	
Perfluorohexanoic acid (PFHxA)	40.0	45.6		ng/L		114	60 - 135	1	30	
Perfluoroheptanoic acid (PFHpA)	40.0	44.5		ng/L		111	60 - 135	3	30	
Perfluorooctanoic acid (PFOA)	40.0	50.6		ng/L		126	60 - 135	7	30	
Perfluorononanoic acid (PFNA)	40.0	42.3		ng/L		106	60 - 135	1	30	
Perfluorodecanoic acid (PFDA)	40.0	45.1		ng/L		113	60 - 135	3	30	
Perfluoroundecanoic acid (PFUnA)	40.0	44.1		ng/L		110	60 - 135	2	30	
Perfluorododecanoic acid (PFDoA)	40.0	48.4		ng/L		121	60 - 135	9	30	
Perfluorotridecanoic acid (PFTrDA)	40.0	46.5		ng/L		116	60 - 135	9	30	
Perfluorotetradecanoic acid (PFTeA)	40.0	44.8		ng/L		112	60 - 135	6	30	
Perfluorobutanesulfonic acid (PFBS)	35.5	37.7		ng/L		106	60 - 135	2	30	
Perfluoropentanesulfonic acid (PFPeS)	37.6	39.1		ng/L		104	60 - 135	3	30	
Perfluorohexanesulfonic acid (PFHxS)	36.5	37.6		ng/L		103	60 - 135	7	30	
Perfluoroheptanesulfonic acid (PFHpS)	38.2	40.0		ng/L		105	60 - 135	3	30	
Perfluorooctanesulfonic acid (PFOS)	37.2	38.9		ng/L		105	60 - 135	2	30	
Perfluorononanesulfonic acid (PFNS)	38.5	41.9		ng/L		109	60 - 135	5	30	
Perfluorodecanesulfonic acid (PFDS)	38.6	40.5		ng/L		105	60 - 135	2	30	
Perfluorododecanesulfonic acid (PFDoS)	38.8	35.8		ng/L		92	60 - 135	6	30	

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-705338/3-A
Matrix: Water
Analysis Batch: 705688

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 705338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide (FOSA)	40.0	39.8		ng/L		99	60 - 135	1	30
NEtFOSA	40.0	42.0		ng/L		105	60 - 135	2	30
NMeFOSA	40.0	45.7		ng/L		114	60 - 135	5	30
NMeFOSAA	40.0	42.8		ng/L		107	60 - 135	3	30
NEtFOSAA	40.0	41.8		ng/L		104	60 - 135	2	30
NMeFOSE	40.0	43.4		ng/L		108	60 - 135	7	30
NEtFOSE	40.0	40.3		ng/L		101	60 - 135	4	30
4:2 FTS	37.5	40.3		ng/L		107	60 - 135	1	30
6:2 FTS	38.1	41.0		ng/L		108	60 - 135	2	30
8:2 FTS	38.4	43.3		ng/L		113	60 - 135	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	47.4		ng/L		125	60 - 135	2	30
HFPO-DA (GenX)	40.0	45.0		ng/L		113	60 - 135	2	30
9Cl-PF3ONS	37.4	41.9		ng/L		112	60 - 135	2	30
11Cl-PF3OUdS	37.8	38.6		ng/L		102	60 - 135	6	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	107		25 - 150
13C5 PFPeA	105		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	106		25 - 150
13C4 PFOA	92		25 - 150
13C5 PFNA	104		25 - 150
13C2 PFDA	108		25 - 150
13C2 PFUnA	111		25 - 150
13C2 PFDoA	98		25 - 150
13C2 PFTeDA	94		25 - 150
13C3 PFBS	102		25 - 150
18O2 PFHxS	102		25 - 150
13C4 PFOS	99		25 - 150
13C8 FOSA	106		10 - 150
d3-NMeFOSAA	98		25 - 150
d5-NEtFOSAA	102		25 - 150
d-N-MeFOSA-M	84		10 - 150
d-N-EtFOSA-M	91		10 - 150
d7-N-MeFOSE-M	98		10 - 150
d9-N-EtFOSE-M	100		10 - 150
M2-4:2 FTS	100		25 - 150
M2-6:2 FTS	90		25 - 150
M2-8:2 FTS	102		25 - 150
13C3 HFPO-DA	98		25 - 150

Lab Sample ID: MB 320-706972/1-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706972

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/18/23 11:21	09/19/23 13:56	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-706972/1-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706972

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/18/23 11:21	09/19/23 13:56	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/18/23 11:21	09/19/23 13:56	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/18/23 11:21	09/19/23 13:56	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/18/23 11:21	09/19/23 13:56	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/18/23 11:21	09/19/23 13:56	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/18/23 11:21	09/19/23 13:56	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/18/23 11:21	09/19/23 13:56	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/18/23 11:21	09/19/23 13:56	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 13:56	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/18/23 11:21	09/19/23 13:56	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/18/23 11:21	09/19/23 13:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/18/23 11:21	09/19/23 13:56	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/18/23 11:21	09/19/23 13:56	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/18/23 11:21	09/19/23 13:56	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/18/23 11:21	09/19/23 13:56	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	95		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C5 PFPeA	84		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C2 PFHxA	93		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C4 PFHpA	97		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C4 PFOA	99		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C5 PFNA	101		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C2 PFDA	101		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C2 PFUnA	107		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C2 PFDoA	104		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C2 PFTeDA	96		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C3 PFBS	79		25 - 150	09/18/23 11:21	09/19/23 13:56	1
18O2 PFHxS	98		25 - 150	09/18/23 11:21	09/19/23 13:56	1

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: MB 320-706972/1-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706972

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFOS	98		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C8 FOSA	105		10 - 150	09/18/23 11:21	09/19/23 13:56	1
d3-NMeFOSAA	101		25 - 150	09/18/23 11:21	09/19/23 13:56	1
d5-NEtFOSAA	110		25 - 150	09/18/23 11:21	09/19/23 13:56	1
d-N-MeFOSA-M	72		10 - 150	09/18/23 11:21	09/19/23 13:56	1
d-N-EtFOSA-M	74		10 - 150	09/18/23 11:21	09/19/23 13:56	1
d7-N-MeFOSE-M	95		10 - 150	09/18/23 11:21	09/19/23 13:56	1
d9-N-EtFOSE-M	94		10 - 150	09/18/23 11:21	09/19/23 13:56	1
M2-4:2 FTS	81		25 - 150	09/18/23 11:21	09/19/23 13:56	1
M2-6:2 FTS	75		25 - 150	09/18/23 11:21	09/19/23 13:56	1
M2-8:2 FTS	78		25 - 150	09/18/23 11:21	09/19/23 13:56	1
13C3 HFPO-DA	89		25 - 150	09/18/23 11:21	09/19/23 13:56	1

Lab Sample ID: LCS 320-706972/2-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706972

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Perfluorobutanoic acid (PFBA)	160	163		ng/L		102	60 - 135
Perfluoropentanoic acid (PFPeA)	160	176		ng/L		110	60 - 135
Perfluorohexanoic acid (PFHxA)	160	157		ng/L		98	60 - 135
Perfluoroheptanoic acid (PFHpA)	160	166		ng/L		104	60 - 135
Perfluorooctanoic acid (PFOA)	160	165		ng/L		103	60 - 135
Perfluorononanoic acid (PFNA)	160	161		ng/L		101	60 - 135
Perfluorodecanoic acid (PFDA)	160	161		ng/L		101	60 - 135
Perfluoroundecanoic acid (PFUnA)	160	169		ng/L		106	60 - 135
Perfluorododecanoic acid (PFDoA)	160	169		ng/L		106	60 - 135
Perfluorotridecanoic acid (PFTrDA)	160	169		ng/L		105	60 - 135
Perfluorotetradecanoic acid (PFTeA)	160	171		ng/L		107	60 - 135
Perfluorobutanesulfonic acid (PFBS)	142	147		ng/L		103	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	150	167		ng/L		111	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	146	139		ng/L		96	60 - 135
Perfluoroheptanesulfonic acid (PFHpS)	153	159		ng/L		104	60 - 135
Perfluorooctanesulfonic acid (PFOS)	149	153		ng/L		103	60 - 135
Perfluorononanesulfonic acid (PFNS)	154	153		ng/L		99	60 - 135
Perfluorodecanesulfonic acid (PFDS)	154	148		ng/L		96	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	155	151		ng/L		97	60 - 135
Perfluorooctanesulfonamide (FOSA)	160	166		ng/L		104	60 - 135
NEtFOSA	160	182		ng/L		114	60 - 135

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCS 320-706972/2-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706972

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
NMeFOSA	160	188		ng/L		118	60 - 135
NMeFOSAA	160	161		ng/L		101	60 - 135
NEtFOSAA	160	164		ng/L		102	60 - 135
NMeFOSE	160	172		ng/L		108	60 - 135
NEtFOSE	160	168		ng/L		105	60 - 135
4:2 FTS	150	163		ng/L		109	60 - 135
6:2 FTS	152	153		ng/L		100	60 - 135
8:2 FTS	154	162		ng/L		106	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	159		ng/L		105	60 - 135
HFPO-DA (GenX)	160	175		ng/L		109	60 - 135
9Cl-PF3ONS	149	154		ng/L		103	60 - 135
11Cl-PF3OUdS	151	149		ng/L		99	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	87		25 - 150
13C5 PFPeA	78		25 - 150
13C2 PFHxA	94		25 - 150
13C4 PFHpA	95		25 - 150
13C4 PFOA	90		25 - 150
13C5 PFNA	91		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	91		25 - 150
13C2 PFDoA	90		25 - 150
13C2 PFTeDA	87		25 - 150
13C3 PFBS	87		25 - 150
18O2 PFHxS	93		25 - 150
13C4 PFOS	92		25 - 150
13C8 FOSA	94		10 - 150
d3-NMeFOSAA	87		25 - 150
d5-NEtFOSAA	90		25 - 150
d-N-MeFOSA-M	62		10 - 150
d-N-EtFOSA-M	62		10 - 150
d7-N-MeFOSE-M	84		10 - 150
d9-N-EtFOSE-M	82		10 - 150
M2-4:2 FTS	73		25 - 150
M2-6:2 FTS	69		25 - 150
M2-8:2 FTS	72		25 - 150
13C3 HFPO-DA	86		25 - 150

Lab Sample ID: LCSD 320-706972/3-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 706972

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Perfluorobutanoic acid (PFBA)	160	162		ng/L		101	60 - 135	1	30
Perfluoropentanoic acid (PFPeA)	160	170		ng/L		106	60 - 135	4	30
Perfluorohexanoic acid (PFHxA)	160	157		ng/L		98	60 - 135	0	30
Perfluoroheptanoic acid (PFHpA)	160	166		ng/L		104	60 - 135	0	30

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-706972/3-A
Matrix: Water
Analysis Batch: 707295

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 706972

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	160	164		ng/L		103	60 - 135	0	30
Perfluorononanoic acid (PFNA)	160	159		ng/L		99	60 - 135	2	30
Perfluorodecanoic acid (PFDA)	160	160		ng/L		100	60 - 135	1	30
Perfluoroundecanoic acid (PFUnA)	160	167		ng/L		105	60 - 135	1	30
Perfluorododecanoic acid (PFDoA)	160	171		ng/L		107	60 - 135	1	30
Perfluorotridecanoic acid (PFTrDA)	160	158		ng/L		99	60 - 135	6	30
Perfluorotetradecanoic acid (PFTeA)	160	173		ng/L		108	60 - 135	1	30
Perfluorobutanesulfonic acid (PFBS)	142	153		ng/L		107	60 - 135	4	30
Perfluoropentanesulfonic acid (PFPeS)	150	171		ng/L		114	60 - 135	3	30
Perfluorohexanesulfonic acid (PFHxS)	146	140		ng/L		96	60 - 135	0	30
Perfluoroheptanesulfonic acid (PFHpS)	153	165		ng/L		108	60 - 135	3	30
Perfluorooctanesulfonic acid (PFOS)	149	153		ng/L		103	60 - 135	1	30
Perfluorononanesulfonic acid (PFNS)	154	162		ng/L		105	60 - 135	6	30
Perfluorodecanesulfonic acid (PFDS)	154	151		ng/L		98	60 - 135	2	30
Perfluorododecanesulfonic acid (PFDoS)	155	144		ng/L		93	60 - 135	5	30
Perfluorooctanesulfonamide (FOSA)	160	170		ng/L		106	60 - 135	2	30
NEtFOSA	160	173		ng/L		108	60 - 135	5	30
NMeFOSA	160	186		ng/L		117	60 - 135	1	30
NMeFOSAA	160	167		ng/L		104	60 - 135	4	30
NEtFOSAA	160	170		ng/L		106	60 - 135	4	30
NMeFOSE	160	174		ng/L		109	60 - 135	1	30
NEtFOSE	160	166		ng/L		104	60 - 135	1	30
4:2 FTS	150	151		ng/L		101	60 - 135	8	30
6:2 FTS	152	157		ng/L		103	60 - 135	2	30
8:2 FTS	154	179		ng/L		117	60 - 135	10	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	151	165		ng/L		109	60 - 135	3	30
HFPO-DA (GenX)	160	168		ng/L		105	60 - 135	4	30
9Cl-PF3ONS	149	162		ng/L		108	60 - 135	5	30
11Cl-PF3OUdS	151	148		ng/L		98	60 - 135	1	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	95		25 - 150
13C5 PFPeA	85		25 - 150
13C2 PFHxA	100		25 - 150
13C4 PFHpA	103		25 - 150
13C4 PFOA	99		25 - 150
13C5 PFNA	103		25 - 150
13C2 PFDA	101		25 - 150

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

Lab Sample ID: LCSD 320-706972/3-A
 Matrix: Water
 Analysis Batch: 707295

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 706972

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C2 PFUnA	100		25 - 150
13C2 PFDoA	99		25 - 150
13C2 PFTeDA	85		25 - 150
13C3 PFBS	91		25 - 150
18O2 PFHxS	101		25 - 150
13C4 PFOS	98		25 - 150
13C8 FOSA	99		10 - 150
d3-NMeFOSAA	102		25 - 150
d5-NEtFOSAA	99		25 - 150
d-N-MeFOSA-M	64		10 - 150
d-N-EtFOSA-M	69		10 - 150
d7-N-MeFOSE-M	93		10 - 150
d9-N-EtFOSE-M	93		10 - 150
M2-4:2 FTS	83		25 - 150
M2-6:2 FTS	75		25 - 150
M2-8:2 FTS	72		25 - 150
13C3 HFPO-DA	96		25 - 150

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

LCMS

Prep Batch: 704289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-1	MP-01-(277-293)-202308	Total/NA	Water	3535	
320-104400-2	MP-01-(253-274)-202308	Total/NA	Water	3535	
320-104400-3	MP-01-(223-250)-202308	Total/NA	Water	3535	
320-104400-4	MP-01-(198-220)-202308	Total/NA	Water	3535	
320-104400-5 - DL	MP-01-(155-195)-202308	Total/NA	Water	3535	
320-104400-5	MP-01-(155-195)-202308	Total/NA	Water	3535	
320-104400-6 - DL	MP-01-(121-152)-202308	Total/NA	Water	3535	
320-104400-6	MP-01-(121-152)-202308	Total/NA	Water	3535	
320-104400-7 - DL	MP-01-(091-118)-202308	Total/NA	Water	3535	
320-104400-7	MP-01-(091-118)-202308	Total/NA	Water	3535	
MB 320-704289/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-704289/2-A	Lab Control Sample	Total/NA	Water	3535	

Prep Batch: 704291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-8	MP-01-(051-088)-202308	Total/NA	Water	3535	
320-104400-8 - DL	MP-01-(051-088)-202308	Total/NA	Water	3535	
320-104400-9	MP-02-(279-300)-202308	Total/NA	Water	3535	
320-104400-10	MP-02-(253-276)-202308	Total/NA	Water	3535	
320-104400-11	MP-02-(223-250)-202308	Total/NA	Water	3535	
320-104400-12	MP-02-(198-220)-202308	Total/NA	Water	3535	
320-104400-12 - DL	MP-02-(198-220)-202308	Total/NA	Water	3535	
320-104400-13 - DL	MP-02-(153-195)-202308	Total/NA	Water	3535	
320-104400-13	MP-02-(153-195)-202308	Total/NA	Water	3535	
320-104400-14	MP-03-(280-300)-202308	Total/NA	Water	3535	
320-104400-15	MP-03-(245-277)-202308	Total/NA	Water	3535	
MB 320-704291/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-704291/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-704291/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 704328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-1	MP-01-(277-293)-202308	Total/NA	Water	537 (modified)	704289
320-104400-2	MP-01-(253-274)-202308	Total/NA	Water	537 (modified)	704289
320-104400-3	MP-01-(223-250)-202308	Total/NA	Water	537 (modified)	704289
320-104400-4	MP-01-(198-220)-202308	Total/NA	Water	537 (modified)	704289
320-104400-5	MP-01-(155-195)-202308	Total/NA	Water	537 (modified)	704289
320-104400-6	MP-01-(121-152)-202308	Total/NA	Water	537 (modified)	704289
320-104400-7	MP-01-(091-118)-202308	Total/NA	Water	537 (modified)	704289
MB 320-704289/1-A	Method Blank	Total/NA	Water	537 (modified)	704289
LCS 320-704289/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	704289

Analysis Batch: 704514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-8	MP-01-(051-088)-202308	Total/NA	Water	537 (modified)	704291
320-104400-9	MP-02-(279-300)-202308	Total/NA	Water	537 (modified)	704291
320-104400-10	MP-02-(253-276)-202308	Total/NA	Water	537 (modified)	704291
320-104400-11	MP-02-(223-250)-202308	Total/NA	Water	537 (modified)	704291
320-104400-12	MP-02-(198-220)-202308	Total/NA	Water	537 (modified)	704291
320-104400-13	MP-02-(153-195)-202308	Total/NA	Water	537 (modified)	704291
320-104400-14	MP-03-(280-300)-202308	Total/NA	Water	537 (modified)	704291

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

LCMS (Continued)

Analysis Batch: 704514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-15	MP-03-(245-277)-202308	Total/NA	Water	537 (modified)	704291

Analysis Batch: 704721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-8 - DL	MP-01-(051-088)-202308	Total/NA	Water	537 (modified)	704291
320-104400-12 - DL	MP-02-(198-220)-202308	Total/NA	Water	537 (modified)	704291
MB 320-704291/1-A	Method Blank	Total/NA	Water	537 (modified)	704291
LCS 320-704291/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	704291
LCSD 320-704291/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	704291

Prep Batch: 705335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-16	MP-03-(220-242)-202308	Total/NA	Water	3535	
320-104400-17	MP-03-(190-217)-202308	Total/NA	Water	3535	
320-104400-18	MP-03-(160-187)-202308	Total/NA	Water	3535	
320-104400-19	MP-03-(120-157)-202308	Total/NA	Water	3535	
320-104400-20	MP-03-(083-117)-202308	Total/NA	Water	3535	
320-104400-21	MP-03-(046-080)-202308	Total/NA	Water	3535	
320-104400-22	MP-04-(275-291)-202308	Total/NA	Water	3535	
MB 320-705335/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-705335/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-705335/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 705336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-23	MP-04-(245-272)-202308	Total/NA	Water	3535	
320-104400-24	MP-04-(220-242)-202308	Total/NA	Water	3535	
320-104400-25	MP-04-(195-217)-202308	Total/NA	Water	3535	
320-104400-26 - DL	MP-04-(155-192)-202308	Total/NA	Water	3535	
320-104400-26	MP-04-(155-192)-202308	Total/NA	Water	3535	
MB 320-705336/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-705336/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-705336/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 705338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-27 - DL	MP-04-(115-152)-202308	Total/NA	Water	3535	
320-104400-27	MP-04-(115-152)-202308	Total/NA	Water	3535	
320-104400-28	MP-04-(080-112)-202308	Total/NA	Water	3535	
320-104400-28 - DL	MP-04-(080-112)-202308	Total/NA	Water	3535	
320-104400-29	MP-04-(048-077)-202308	Total/NA	Water	3535	
320-104400-30	MP-05-(SWL-065)-202308	Total/NA	Water	3535	
320-104400-31	MP-06-(148-178)-202308	Total/NA	Water	3535	
320-104400-32	MP-06-(113-145)-202308	Total/NA	Water	3535	
320-104400-33	MP-06-(73-110)-202308	Total/NA	Water	3535	
320-104400-34	MP-06-(36-70)-202308	Total/NA	Water	3535	
320-104400-35	MP-06-(21-33)-202308	Total/NA	Water	3535	
320-104400-36	MP-07-(220-258)-202308	Total/NA	Water	3535	
320-104400-37	MP-07-(195-217)-202308	Total/NA	Water	3535	
320-104400-38	MP-07-(155-192)-202308	Total/NA	Water	3535	
320-104400-39 - DL	MP-07-(115-152)-202308	Total/NA	Water	3535	

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

LCMS (Continued)

Prep Batch: 705338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-39	MP-07-(115-152)-202308	Total/NA	Water	3535	
320-104400-40	MP-07-(80-112)-202308	Total/NA	Water	3535	
320-104400-41	MP-07-(48-77)-202308	Total/NA	Water	3535	
320-104400-42	MP-08-(220-246)-202308	Total/NA	Water	3535	
320-104400-43	MP-08-(195-217)-202308	Total/NA	Water	3535	
320-104400-44	MP-08-(155-192)-202308	Total/NA	Water	3535	
320-104400-45	MP-08-(115-152)-202308	Total/NA	Water	3535	
320-104400-46	MP-08-(80-112)-202308	Total/NA	Water	3535	
MB 320-705338/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-705338/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-705338/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 705510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-13 - DL	MP-02-(153-195)-202308	Total/NA	Water	537 (modified)	704291

Analysis Batch: 705598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-16	MP-03-(220-242)-202308	Total/NA	Water	537 (modified)	705335
320-104400-17	MP-03-(190-217)-202308	Total/NA	Water	537 (modified)	705335
320-104400-18	MP-03-(160-187)-202308	Total/NA	Water	537 (modified)	705335
320-104400-19	MP-03-(120-157)-202308	Total/NA	Water	537 (modified)	705335
320-104400-20	MP-03-(083-117)-202308	Total/NA	Water	537 (modified)	705335
320-104400-21	MP-03-(046-080)-202308	Total/NA	Water	537 (modified)	705335
320-104400-22	MP-04-(275-291)-202308	Total/NA	Water	537 (modified)	705335

Analysis Batch: 705672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-23	MP-04-(245-272)-202308	Total/NA	Water	537 (modified)	705336
320-104400-24	MP-04-(220-242)-202308	Total/NA	Water	537 (modified)	705336
320-104400-25	MP-04-(195-217)-202308	Total/NA	Water	537 (modified)	705336
320-104400-26	MP-04-(155-192)-202308	Total/NA	Water	537 (modified)	705336
MB 320-705336/1-A	Method Blank	Total/NA	Water	537 (modified)	705336
LCS 320-705336/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	705336
LCSD 320-705336/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	705336

Analysis Batch: 705688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-27	MP-04-(115-152)-202308	Total/NA	Water	537 (modified)	705338
320-104400-28	MP-04-(080-112)-202308	Total/NA	Water	537 (modified)	705338
320-104400-29	MP-04-(048-077)-202308	Total/NA	Water	537 (modified)	705338
320-104400-30	MP-05-(SWL-065)-202308	Total/NA	Water	537 (modified)	705338
320-104400-31	MP-06-(148-178)-202308	Total/NA	Water	537 (modified)	705338
320-104400-32	MP-06-(113-145)-202308	Total/NA	Water	537 (modified)	705338
320-104400-33	MP-06-(73-110)-202308	Total/NA	Water	537 (modified)	705338
320-104400-34	MP-06-(36-70)-202308	Total/NA	Water	537 (modified)	705338
320-104400-35	MP-06-(21-33)-202308	Total/NA	Water	537 (modified)	705338
320-104400-36	MP-07-(220-258)-202308	Total/NA	Water	537 (modified)	705338
320-104400-37	MP-07-(195-217)-202308	Total/NA	Water	537 (modified)	705338
320-104400-39	MP-07-(115-152)-202308	Total/NA	Water	537 (modified)	705338
320-104400-41	MP-07-(48-77)-202308	Total/NA	Water	537 (modified)	705338

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QC Association Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

LCMS (Continued)

Analysis Batch: 705688 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-42	MP-08-(220-246)-202308	Total/NA	Water	537 (modified)	705338
320-104400-43	MP-08-(195-217)-202308	Total/NA	Water	537 (modified)	705338
320-104400-44	MP-08-(155-192)-202308	Total/NA	Water	537 (modified)	705338
320-104400-45	MP-08-(115-152)-202308	Total/NA	Water	537 (modified)	705338
320-104400-46	MP-08-(80-112)-202308	Total/NA	Water	537 (modified)	705338
MB 320-705338/1-A	Method Blank	Total/NA	Water	537 (modified)	705338
LCS 320-705338/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	705338
LCSD 320-705338/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	705338

Analysis Batch: 705926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-705335/1-A	Method Blank	Total/NA	Water	537 (modified)	705335
LCS 320-705335/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	705335
LCSD 320-705335/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	705335

Analysis Batch: 706013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-26 - DL	MP-04-(155-192)-202308	Total/NA	Water	537 (modified)	705336
320-104400-27 - DL	MP-04-(115-152)-202308	Total/NA	Water	537 (modified)	705338
320-104400-28 - DL	MP-04-(080-112)-202308	Total/NA	Water	537 (modified)	705338
320-104400-38	MP-07-(155-192)-202308	Total/NA	Water	537 (modified)	705338
320-104400-39 - DL	MP-07-(115-152)-202308	Total/NA	Water	537 (modified)	705338
320-104400-40	MP-07-(80-112)-202308	Total/NA	Water	537 (modified)	705338

Analysis Batch: 706158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-5 - DL	MP-01-(155-195)-202308	Total/NA	Water	537 (modified)	704289
320-104400-6 - DL	MP-01-(121-152)-202308	Total/NA	Water	537 (modified)	704289
320-104400-7 - DL	MP-01-(091-118)-202308	Total/NA	Water	537 (modified)	704289

Prep Batch: 706972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-47	MP-08-(48-77)-202308	Total/NA	Water	3535	
320-104400-48	DUP-01-202308	Total/NA	Water	3535	
320-104400-49	DUP-02-202308	Total/NA	Water	3535	
320-104400-50 - DL	DUP-03-202308	Total/NA	Water	3535	
320-104400-50	DUP-03-202308	Total/NA	Water	3535	
320-104400-51	DUP-04-202308	Total/NA	Water	3535	
320-104400-52	DUP-05-202308	Total/NA	Water	3535	
320-104400-53	DUP-06-202308	Total/NA	Water	3535	
320-104400-54 - DL	DUP-07-202308	Total/NA	Water	3535	
320-104400-54	DUP-07-202308	Total/NA	Water	3535	
320-104400-55	DUP-08-202308	Total/NA	Water	3535	
320-104400-56	FB-01-202308	Total/NA	Water	3535	
320-104400-57	EB-01-202308	Total/NA	Water	3535	
320-104400-58	EB-02-202308	Total/NA	Water	3535	
320-104400-59	EB-03-202308	Total/NA	Water	3535	
320-104400-60	EB-04-202308	Total/NA	Water	3535	
320-104400-61	EB-05-202308	Total/NA	Water	3535	
320-104400-62	EB-06-202308	Total/NA	Water	3535	
320-104400-63	EB-07-202308	Total/NA	Water	3535	

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QC Association Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

LCMS (Continued)

Prep Batch: 706972 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-64	EB-08-202308	Total/NA	Water	3535	
MB 320-706972/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-706972/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-706972/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 707295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-47	MP-08-(48-77)-202308	Total/NA	Water	537 (modified)	706972
320-104400-48	DUP-01-202308	Total/NA	Water	537 (modified)	706972
320-104400-49	DUP-02-202308	Total/NA	Water	537 (modified)	706972
320-104400-50	DUP-03-202308	Total/NA	Water	537 (modified)	706972
320-104400-51	DUP-04-202308	Total/NA	Water	537 (modified)	706972
320-104400-52	DUP-05-202308	Total/NA	Water	537 (modified)	706972
320-104400-53	DUP-06-202308	Total/NA	Water	537 (modified)	706972
320-104400-54	DUP-07-202308	Total/NA	Water	537 (modified)	706972
320-104400-55	DUP-08-202308	Total/NA	Water	537 (modified)	706972
320-104400-56	FB-01-202308	Total/NA	Water	537 (modified)	706972
320-104400-57	EB-01-202308	Total/NA	Water	537 (modified)	706972
320-104400-58	EB-02-202308	Total/NA	Water	537 (modified)	706972
320-104400-59	EB-03-202308	Total/NA	Water	537 (modified)	706972
320-104400-60	EB-04-202308	Total/NA	Water	537 (modified)	706972
320-104400-61	EB-05-202308	Total/NA	Water	537 (modified)	706972
320-104400-62	EB-06-202308	Total/NA	Water	537 (modified)	706972
320-104400-63	EB-07-202308	Total/NA	Water	537 (modified)	706972
320-104400-64	EB-08-202308	Total/NA	Water	537 (modified)	706972
MB 320-706972/1-A	Method Blank	Total/NA	Water	537 (modified)	706972
LCS 320-706972/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	706972
LCSD 320-706972/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	706972

Analysis Batch: 707739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-104400-50 - DL	DUP-03-202308	Total/NA	Water	537 (modified)	706972
320-104400-54 - DL	DUP-07-202308	Total/NA	Water	537 (modified)	706972

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(277-293)-202308

Lab Sample ID: 320-104400-1

Date Collected: 08/30/23 10:20

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			254.3 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 18:26	K1S	EET SAC

Client Sample ID: MP-01-(253-274)-202308

Lab Sample ID: 320-104400-2

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			258.7 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 18:37	K1S	EET SAC

Client Sample ID: MP-01-(223-250)-202308

Lab Sample ID: 320-104400-3

Date Collected: 08/30/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			253.8 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 18:48	K1S	EET SAC

Client Sample ID: MP-01-(198-220)-202308

Lab Sample ID: 320-104400-4

Date Collected: 08/30/23 10:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			252.1 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 19:22	K1S	EET SAC

Client Sample ID: MP-01-(155-195)-202308

Lab Sample ID: 320-104400-5

Date Collected: 08/30/23 11:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			205.9 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 19:33	K1S	EET SAC
Total/NA	Prep	3535	DL		205.9 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	100	1 mL	1 mL	706158	09/14/23 16:44	RS1	EET SAC

Client Sample ID: MP-01-(121-152)-202308

Lab Sample ID: 320-104400-6

Date Collected: 08/30/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			215.6 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 19:45	K1S	EET SAC
Total/NA	Prep	3535	DL		215.6 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	100	1 mL	1 mL	706158	09/14/23 17:06	RS1	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-01-(091-118)-202308

Lab Sample ID: 320-104400-7

Date Collected: 08/30/23 11:20

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			241.7 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704328	09/07/23 19:56	K1S	EET SAC
Total/NA	Prep	3535	DL		241.7 mL	10.00 mL	704289	09/06/23 19:11	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	100	1 mL	1 mL	706158	09/14/23 17:29	RS1	EET SAC

Client Sample ID: MP-01-(051-088)-202308

Lab Sample ID: 320-104400-8

Date Collected: 08/30/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			201.6 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 15:57	K1S	EET SAC
Total/NA	Prep	3535	DL		201.6 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	20	1 mL	1 mL	704721	09/08/23 13:21	S1M	EET SAC

Client Sample ID: MP-02-(279-300)-202308

Lab Sample ID: 320-104400-9

Date Collected: 08/30/23 08:55

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			239.4 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:07	K1S	EET SAC

Client Sample ID: MP-02-(253-276)-202308

Lab Sample ID: 320-104400-10

Date Collected: 08/30/23 09:10

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			252.9 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:17	K1S	EET SAC

Client Sample ID: MP-02-(223-250)-202308

Lab Sample ID: 320-104400-11

Date Collected: 08/30/23 09:20

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			203.3 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:28	K1S	EET SAC

Client Sample ID: MP-02-(198-220)-202308

Lab Sample ID: 320-104400-12

Date Collected: 08/30/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			206.1 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:38	K1S	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-02-(198-220)-202308

Lab Sample ID: 320-104400-12

Date Collected: 08/30/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	DL		206.1 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	5	1 mL	1 mL	704721	09/08/23 13:00	S1M	EET SAC

Client Sample ID: MP-02-(153-195)-202308

Lab Sample ID: 320-104400-13

Date Collected: 08/30/23 09:40

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	DL		230.9 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	10	1 mL	1 mL	705510	09/12/23 21:08	K1S	EET SAC
Total/NA	Prep	3535			230.9 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:48	K1S	EET SAC

Client Sample ID: MP-03-(280-300)-202308

Lab Sample ID: 320-104400-14

Date Collected: 08/29/23 15:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			202.6 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 16:58	K1S	EET SAC

Client Sample ID: MP-03-(245-277)-202308

Lab Sample ID: 320-104400-15

Date Collected: 08/29/23 15:25

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			205.5 mL	10.00 mL	704291	09/06/23 19:31	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	704514	09/07/23 17:29	K1S	EET SAC

Client Sample ID: MP-03-(220-242)-202308

Lab Sample ID: 320-104400-16

Date Collected: 08/29/23 15:40

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			201.9 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 10:35	S1C	EET SAC

Client Sample ID: MP-03-(190-217)-202308

Lab Sample ID: 320-104400-17

Date Collected: 08/29/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			218.2 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 10:46	S1C	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-03-(160-187)-202308

Lab Sample ID: 320-104400-18

Date Collected: 08/29/23 16:20

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			227.9 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 10:58	S1C	EET SAC

Client Sample ID: MP-03-(120-157)-202308

Lab Sample ID: 320-104400-19

Date Collected: 08/29/23 16:35

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			230.7 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 11:09	S1C	EET SAC

Client Sample ID: MP-03-(083-117)-202308

Lab Sample ID: 320-104400-20

Date Collected: 08/29/23 16:45

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			223.4 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 11:20	S1C	EET SAC

Client Sample ID: MP-03-(046-080)-202308

Lab Sample ID: 320-104400-21

Date Collected: 08/29/23 16:55

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			191.5 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 11:31	S1C	EET SAC

Client Sample ID: MP-04-(275-291)-202308

Lab Sample ID: 320-104400-22

Date Collected: 08/28/23 14:40

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			208.5 mL	10.0 mL	705335	09/11/23 19:09	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705598	09/13/23 11:42	S1C	EET SAC

Client Sample ID: MP-04-(245-272)-202308

Lab Sample ID: 320-104400-23

Date Collected: 08/28/23 14:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			201.9 mL	10.0 mL	705336	09/11/23 19:25	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705672	09/12/23 15:17	AP1	EET SAC

Eurofins Sacramento

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(220-242)-202308

Lab Sample ID: 320-104400-24

Date Collected: 08/28/23 14:55

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			245.7 mL	10.0 mL	705336	09/11/23 19:25	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705672	09/12/23 15:27	AP1	EET SAC

Client Sample ID: MP-04-(195-217)-202308

Lab Sample ID: 320-104400-25

Date Collected: 08/28/23 15:10

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			253.8 mL	10.0 mL	705336	09/11/23 19:25	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705672	09/12/23 15:38	AP1	EET SAC

Client Sample ID: MP-04-(155-192)-202308

Lab Sample ID: 320-104400-26

Date Collected: 08/28/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			243.2 mL	10.0 mL	705336	09/11/23 19:25	ERR	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705672	09/12/23 15:48	AP1	EET SAC
Total/NA	Prep	3535	DL		243.2 mL	10.0 mL	705336	09/11/23 19:25	ERR	EET SAC
Total/NA	Analysis	537 (modified)	DL	5	1 mL	1 mL	706013	09/13/23 21:03	RS1	EET SAC

Client Sample ID: MP-04-(115-152)-202308

Lab Sample ID: 320-104400-27

Date Collected: 08/28/23 15:45

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			247.8 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 18:12	AP1	EET SAC
Total/NA	Prep	3535	DL		247.8 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)	DL	10	1 mL	1 mL	706013	09/13/23 22:26	RS1	EET SAC

Client Sample ID: MP-04-(080-112)-202308

Lab Sample ID: 320-104400-28

Date Collected: 08/28/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			222.5 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 18:22	AP1	EET SAC
Total/NA	Prep	3535	DL		222.5 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)	DL	10	1 mL	1 mL	706013	09/13/23 22:15	RS1	EET SAC

Eurofins Sacramento

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-04-(048-077)-202308

Lab Sample ID: 320-104400-29

Date Collected: 08/28/23 16:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			75.9 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 18:32	AP1	EET SAC

Client Sample ID: MP-05-(SWL-065)-202308

Lab Sample ID: 320-104400-30

Date Collected: 08/29/23 09:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			214.2 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 18:42	AP1	EET SAC

Client Sample ID: MP-06-(148-178)-202308

Lab Sample ID: 320-104400-31

Date Collected: 08/29/23 10:45

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			223.2 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 18:53	AP1	EET SAC

Client Sample ID: MP-06-(113-145)-202308

Lab Sample ID: 320-104400-32

Date Collected: 08/29/23 10:55

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			227.9 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 19:03	AP1	EET SAC

Client Sample ID: MP-06-(73-110)-202308

Lab Sample ID: 320-104400-33

Date Collected: 08/29/23 11:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			230.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 19:13	AP1	EET SAC

Client Sample ID: MP-06-(36-70)-202308

Lab Sample ID: 320-104400-34

Date Collected: 08/29/23 11:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			217.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 19:44	AP1	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-06-(21-33)-202308

Lab Sample ID: 320-104400-35

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			150.2 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 19:54	AP1	EET SAC

Client Sample ID: MP-07-(220-258)-202308

Lab Sample ID: 320-104400-36

Date Collected: 08/28/23 12:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			252.4 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 20:05	AP1	EET SAC

Client Sample ID: MP-07-(195-217)-202308

Lab Sample ID: 320-104400-37

Date Collected: 08/28/23 12:25

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			214.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 20:15	AP1	EET SAC

Client Sample ID: MP-07-(155-192)-202308

Lab Sample ID: 320-104400-38

Date Collected: 08/28/23 12:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			248.4 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	706013	09/13/23 21:34	RS1	EET SAC

Client Sample ID: MP-07-(115-152)-202308

Lab Sample ID: 320-104400-39

Date Collected: 08/28/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			227.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 20:35	AP1	EET SAC
Total/NA	Prep	3535	DL		227.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)	DL	5	1 mL	1 mL	706013	09/13/23 22:05	RS1	EET SAC

Client Sample ID: MP-07-(80-112)-202308

Lab Sample ID: 320-104400-40

Date Collected: 08/28/23 13:35

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			194.5 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	706013	09/13/23 21:45	RS1	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-07-(48-77)-202308

Lab Sample ID: 320-104400-41

Date Collected: 08/28/23 13:55

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			190 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 20:56	AP1	EET SAC

Client Sample ID: MP-08-(220-246)-202308

Lab Sample ID: 320-104400-42

Date Collected: 08/28/23 10:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			204.2 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 21:06	AP1	EET SAC

Client Sample ID: MP-08-(195-217)-202308

Lab Sample ID: 320-104400-43

Date Collected: 08/28/23 10:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			250.1 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 21:17	AP1	EET SAC

Client Sample ID: MP-08-(155-192)-202308

Lab Sample ID: 320-104400-44

Date Collected: 08/28/23 10:40

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			248.3 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 21:47	AP1	EET SAC

Client Sample ID: MP-08-(115-152)-202308

Lab Sample ID: 320-104400-45

Date Collected: 08/28/23 11:10

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			246.6 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 21:58	AP1	EET SAC

Client Sample ID: MP-08-(80-112)-202308

Lab Sample ID: 320-104400-46

Date Collected: 08/28/23 11:25

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			189.7 mL	10.0 mL	705338	09/11/23 21:41	JER	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	705688	09/12/23 22:08	AP1	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: MP-08-(48-77)-202308

Lab Sample ID: 320-104400-47

Date Collected: 08/28/23 11:45

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			222.3 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 14:42	K1S	EET SAC

Client Sample ID: DUP-01-202308

Lab Sample ID: 320-104400-48

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			258.8 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 14:53	K1S	EET SAC

Client Sample ID: DUP-02-202308

Lab Sample ID: 320-104400-49

Date Collected: 08/30/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			233.8 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 15:05	K1S	EET SAC

Client Sample ID: DUP-03-202308

Lab Sample ID: 320-104400-50

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	DL		232.6 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)	DL	20	1 mL	1 mL	707739	09/20/23 15:46	RS1	EET SAC
Total/NA	Prep	3535			232.6 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 15:16	K1S	EET SAC

Client Sample ID: DUP-04-202308

Lab Sample ID: 320-104400-51

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			250.3 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 15:28	K1S	EET SAC

Client Sample ID: DUP-05-202308

Lab Sample ID: 320-104400-52

Date Collected: 08/29/23 13:15

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			204.2 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 15:39	K1S	EET SAC

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Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: DUP-06-202308

Lab Sample ID: 320-104400-53

Date Collected: 08/29/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			246.9 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 16:13	K1S	EET SAC

Client Sample ID: DUP-07-202308

Lab Sample ID: 320-104400-54

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535	DL		248.6 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)	DL	10	1 mL	1 mL	707739	09/20/23 15:57	RS1	EET SAC
Total/NA	Prep	3535			248.6 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 16:25	K1S	EET SAC

Client Sample ID: DUP-08-202308

Lab Sample ID: 320-104400-55

Date Collected: 08/28/23 00:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			253 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 16:36	K1S	EET SAC

Client Sample ID: FB-01-202308

Lab Sample ID: 320-104400-56

Date Collected: 08/29/23 16:00

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			286.7 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 16:48	K1S	EET SAC

Client Sample ID: EB-01-202308

Lab Sample ID: 320-104400-57

Date Collected: 08/28/23 11:05

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			261.9 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 16:59	K1S	EET SAC

Client Sample ID: EB-02-202308

Lab Sample ID: 320-104400-58

Date Collected: 08/28/23 12:29

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			264.4 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 17:11	K1S	EET SAC

Eurofins Sacramento

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Client Sample ID: EB-03-202308

Lab Sample ID: 320-104400-59

Date Collected: 08/28/23 15:50

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			259.2 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 17:45	K1S	EET SAC

Client Sample ID: EB-04-202308

Lab Sample ID: 320-104400-60

Date Collected: 08/29/23 09:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			265.7 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 17:56	K1S	EET SAC

Client Sample ID: EB-05-202308

Lab Sample ID: 320-104400-61

Date Collected: 08/29/23 13:39

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			263.1 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 18:08	K1S	EET SAC

Client Sample ID: EB-06-202308

Lab Sample ID: 320-104400-62

Date Collected: 08/29/23 15:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			262.5 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 18:19	K1S	EET SAC

Client Sample ID: EB-07-202308

Lab Sample ID: 320-104400-63

Date Collected: 08/30/23 09:25

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			263.6 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 18:31	K1S	EET SAC

Client Sample ID: EB-08-202308

Lab Sample ID: 320-104400-64

Date Collected: 08/30/23 10:30

Matrix: Water

Date Received: 08/31/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			260.8 mL	10.0 mL	706972	09/18/23 11:21	VP	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	707295	09/19/23 18:42	K1S	EET SAC

Laboratory References:

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

Eurofins Sacramento

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4040	01-29-24
Wisconsin	State	998204680	08-31-24

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Method Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

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

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Sample Summary

Client: TRC Environmental Corporation
 Project/Site: 451482 RockGen

Job ID: 320-104400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-104400-1	MP-01-(277-293)-202308	Water	08/30/23 10:20	08/31/23 10:15
320-104400-2	MP-01-(253-274)-202308	Water	08/30/23 10:30	08/31/23 10:15
320-104400-3	MP-01-(223-250)-202308	Water	08/30/23 10:40	08/31/23 10:15
320-104400-4	MP-01-(198-220)-202308	Water	08/30/23 10:50	08/31/23 10:15
320-104400-5	MP-01-(155-195)-202308	Water	08/30/23 11:00	08/31/23 10:15
320-104400-6	MP-01-(121-152)-202308	Water	08/30/23 11:10	08/31/23 10:15
320-104400-7	MP-01-(091-118)-202308	Water	08/30/23 11:20	08/31/23 10:15
320-104400-8	MP-01-(051-088)-202308	Water	08/30/23 11:30	08/31/23 10:15
320-104400-9	MP-02-(279-300)-202308	Water	08/30/23 08:55	08/31/23 10:15
320-104400-10	MP-02-(253-276)-202308	Water	08/30/23 09:10	08/31/23 10:15
320-104400-11	MP-02-(223-250)-202308	Water	08/30/23 09:20	08/31/23 10:15
320-104400-12	MP-02-(198-220)-202308	Water	08/30/23 09:30	08/31/23 10:15
320-104400-13	MP-02-(153-195)-202308	Water	08/30/23 09:40	08/31/23 10:15
320-104400-14	MP-03-(280-300)-202308	Water	08/29/23 15:15	08/31/23 10:15
320-104400-15	MP-03-(245-277)-202308	Water	08/29/23 15:25	08/31/23 10:15
320-104400-16	MP-03-(220-242)-202308	Water	08/29/23 15:40	08/31/23 10:15
320-104400-17	MP-03-(190-217)-202308	Water	08/29/23 15:50	08/31/23 10:15
320-104400-18	MP-03-(160-187)-202308	Water	08/29/23 16:20	08/31/23 10:15
320-104400-19	MP-03-(120-157)-202308	Water	08/29/23 16:35	08/31/23 10:15
320-104400-20	MP-03-(083-117)-202308	Water	08/29/23 16:45	08/31/23 10:15
320-104400-21	MP-03-(046-080)-202308	Water	08/29/23 16:55	08/31/23 10:15
320-104400-22	MP-04-(275-291)-202308	Water	08/28/23 14:40	08/31/23 10:15
320-104400-23	MP-04-(245-272)-202308	Water	08/28/23 14:50	08/31/23 10:15
320-104400-24	MP-04-(220-242)-202308	Water	08/28/23 14:55	08/31/23 10:15
320-104400-25	MP-04-(195-217)-202308	Water	08/28/23 15:10	08/31/23 10:15
320-104400-26	MP-04-(155-192)-202308	Water	08/28/23 15:30	08/31/23 10:15
320-104400-27	MP-04-(115-152)-202308	Water	08/28/23 15:45	08/31/23 10:15
320-104400-28	MP-04-(080-112)-202308	Water	08/28/23 16:00	08/31/23 10:15
320-104400-29	MP-04-(048-077)-202308	Water	08/28/23 16:15	08/31/23 10:15
320-104400-30	MP-05-(SWL-065)-202308	Water	08/29/23 09:15	08/31/23 10:15
320-104400-31	MP-06-(148-178)-202308	Water	08/29/23 10:45	08/31/23 10:15
320-104400-32	MP-06-(113-145)-202308	Water	08/29/23 10:55	08/31/23 10:15
320-104400-33	MP-06-(73-110)-202308	Water	08/29/23 11:30	08/31/23 10:15
320-104400-34	MP-06-(36-70)-202308	Water	08/29/23 11:50	08/31/23 10:15
320-104400-35	MP-06-(21-33)-202308	Water	08/29/23 13:15	08/31/23 10:15
320-104400-36	MP-07-(220-258)-202308	Water	08/28/23 12:15	08/31/23 10:15
320-104400-37	MP-07-(195-217)-202308	Water	08/28/23 12:25	08/31/23 10:15
320-104400-38	MP-07-(155-192)-202308	Water	08/28/23 12:50	08/31/23 10:15
320-104400-39	MP-07-(115-152)-202308	Water	08/28/23 13:15	08/31/23 10:15
320-104400-40	MP-07-(80-112)-202308	Water	08/28/23 13:35	08/31/23 10:15
320-104400-41	MP-07-(48-77)-202308	Water	08/28/23 13:55	08/31/23 10:15
320-104400-42	MP-08-(220-246)-202308	Water	08/28/23 10:00	08/31/23 10:15
320-104400-43	MP-08-(195-217)-202308	Water	08/28/23 10:15	08/31/23 10:15
320-104400-44	MP-08-(155-192)-202308	Water	08/28/23 10:40	08/31/23 10:15
320-104400-45	MP-08-(115-152)-202308	Water	08/28/23 11:10	08/31/23 10:15
320-104400-46	MP-08-(80-112)-202308	Water	08/28/23 11:25	08/31/23 10:15
320-104400-47	MP-08-(48-77)-202308	Water	08/28/23 11:45	08/31/23 10:15
320-104400-48	DUP-01-202308	Water	08/30/23 00:00	08/31/23 10:15
320-104400-49	DUP-02-202308	Water	08/30/23 00:00	08/31/23 10:15
320-104400-50	DUP-03-202308	Water	08/29/23 00:00	08/31/23 10:15
320-104400-51	DUP-04-202308	Water	08/28/23 00:00	08/31/23 10:15
320-104400-52	DUP-05-202308	Water	08/29/23 13:15	08/31/23 10:15
320-104400-53	DUP-06-202308	Water	08/29/23 00:00	08/31/23 10:15
320-104400-54	DUP-07-202308	Water	08/28/23 00:00	08/31/23 10:15



Sample Summary

Client: TRC Environmental Corporation
Project/Site: 451482 RockGen

Job ID: 320-104400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-104400-55	DUP-08-202308	Water	08/28/23 00:00	08/31/23 10:15
320-104400-56	FB-01-202308	Water	08/29/23 16:00	08/31/23 10:15
320-104400-57	EB-01-202308	Water	08/28/23 11:05	08/31/23 10:15
320-104400-58	EB-02-202308	Water	08/28/23 12:29	08/31/23 10:15
320-104400-59	EB-03-202308	Water	08/28/23 15:50	08/31/23 10:15
320-104400-60	EB-04-202308	Water	08/29/23 09:30	08/31/23 10:15
320-104400-61	EB-05-202308	Water	08/29/23 13:39	08/31/23 10:15
320-104400-62	EB-06-202308	Water	08/29/23 15:30	08/31/23 10:15
320-104400-63	EB-07-202308	Water	08/30/23 09:25	08/31/23 10:15
320-104400-64	EB-08-202308	Water	08/30/23 10:30	08/31/23 10:15

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Chain of Custody Record

320-104400 Chain of Custody

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone (916) 373-5600 Phone (916) 372-1059

Client Information		Lab PM: Micah Smith	
Sampler: Marshal Toft/Ross Hartwick		E-Mail: micah.smith@eurofins.com	
Client Contact: Jeff Ramey		Phone: 608-630-4732	
Company: TRC		PWSID:	
Address: 6737 W Washington Street, Suite 2100			
City: West Allis			
State, Zip: WI, 53214			
Phone: 414.294.9247			
PO #: 178804			
WO #: [blank]			
Project #: [blank]			
RockGen Phase 2			
Site: RockGen			
Due Date Requested: [blank]			
TAT Requested (days): Standard 10-Day			
Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Project Name: [blank]			
RockGen Phase 2			
Site: RockGen			
Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: [blank]			
Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)			
Special Instructions/Note:			
Total Number of Containers			
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)
MP-01-(277-293)-202308	8/30/23	10:20	G
MP-01-(253-274)-202308	8/30/23	10:30	G
MP-01-(223-250)-202308	8/30/23	10:40	G
MP-01-(198-220)-202308	8/30/23	10:50	G
MP-01-(155-195)-202308	8/30/23	11:00	G
MP-01-(121-152)-202308	8/30/23	11:10	G
MP-01-(091-118)-202308	8/30/23	11:20	G
MP-01-(051-088)-202308	8/30/23	11:30	G
MP-02-(279-300)-202308	8/30/23	8:55	G
MP-02-(253-276)-202308	8/30/23	9:10	G
MP-02-(223-250)-202308	8/30/23	9:20	G
MP-02-(198-220)-202308	8/30/23	9:30	G
MP-02-(153-195)-202308	8/30/23	9:40	G
MP-03-(280-300)-202308	8/29/23	15:15	G
MP-03-(245-277)-202308	8/29/23	15:25	G
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			
Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: [blank]			
Date: 8/30/2023 17:45			
Relinquished by: Marshal Toft			
Date/Time: [blank]			
Relinquished by: [blank]			
Date/Time: [blank]			
Relinquished by: [blank]			
Date/Time: [blank]			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Custody Seal No.: [blank]			
Cooler Temperature(s) °C and Other Remarks: 4.6 5.1 5.8			
Special Instructions/QC Requirements:			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For [blank] Months			
Method of Shipment: [blank]			
Received by: [Signature]			
Date/Time: 8/31/23 10:15			
Company: [blank]			
Received by: [blank]			
Date/Time: [blank]			
Company: [blank]			



Chain of Custody Record

Client Information		Sampler: Marshall Toffer/Ross Hartwick	Lab PM: Micah Smith	Carrier Tracking No(s):	GOC No:					
Client Contact: Jeff Ramey		Phone: 608-630-4732	E-Mail: micah.smith@et.eurofinsus.com	State of Origin: Wisconsin	Page: 2/5					
Company: TRC		PWSID:	Job #:							
Address: 6737 W Washington Street, Suite 2100		Due Date Requested:	Analysis Requested							
City: West Allis		TAT Requested (days): Standard 10-Day	Preservation Codes: M - Hexane A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anichlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:							
State/Zip: WI, 53214		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Number of Containers							
Phone: 414.294.9247		PO # 178804	Perform MS/MSD (Yes or No)							
Email: Jramey@lrccompanies.com		WO #	Field Filtered Sample (Yes or No)							
Project Name: RockGen Phase 2		Project # 451482	PFAS (M-13)							
Site: RockGen		SSOW#:	Special Instructions/Note:							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFAS (M-13)	Total Number of Containers	Special Instructions/Note:
MP-03-(220-242)-202308	8/29/23	15:40	G	GW		N	X	N	2	
MP-03-(190-217)-202308	8/29/23	15:50	G	GW		N	X	N	2	
MP-03-(160-187)-202308	8/29/23	16:20	G	GW		N	X	N	2	
MP-03-(120-157)-202308	8/29/23	16:35	G	GW		N	X	N	2	
MP-03-(083-117)-202308	8/29/23	16:45	G	GW		N	X	N	2	
MP-03-(046-080)-202308	8/29/23	16:55	G	GW		N	X	N	2	
MP-04-(275-291)-202308	8/28/23	14:40	G	GW		N	X	N	2	
MP-04-(245-272)-202308	8/28/23	14:50	G	GW		N	X	N	2	
MP-04-(220-242)-202308	8/28/23	14:55	G	GW		N	X	N	2	
MP-04-(195-217)-202308	8/28/23	15:10	G	GW		N	X	N	2	
MP-04-(155-192)-202308	8/28/23	15:30	G	GW		N	X	N	2	
MP-04-(115-152)-202308	8/28/23	15:45	G	GW		N	X	N	2	
MP-04-(080-112)-202308	8/28/23	16:00	G	GW		N	X	N	2	
MP-04-(048-077)-202308	8/28/23	16:15	G	GW		N	X	N	2	
MP-05-(SWL-065)-202308	8/29/23	9:15	G	GW		N	X	N	2	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)										
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:										
Empty Kit Relinquished by: Date: _____ Time: _____ Method of Shipment: _____										
Relinquished by: <i>Marshall Toffer</i> Date/Time: 8/30/2023 17:45 Company: TRC Received by: <i>[Signature]</i> Date/Time: 8/31/23 10:15 Company: <i>TRC</i> Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: <i>116, 511, 518</i> Cooler Temperature(s) °C and Other Remarks:										



Chain of Custody Record

Client Information		Sampler: Marshal Toft/Ross Hartwick		Lab PM: Micah Smith		Carrier Tracking No(s):	
Client Contact: Jeff Ramey		Phone: 608-630-4732		E-Mail: micah.smith@el.eurofins.com		State of Origin: Wisconsin	
Company: TRC		PWSID:		Analysis Requested:		COC No:	
Address: 6737 W Washington Street, Suite 2100		Due Date Requested:		TAT Requested (days): Standard 10-Day		Page: Page 3/5	
City: West Allis		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #:		Job #:	
State, Zip: WI, 53214		Project #:		WO #:		Preservation Codes:	
Phone: 414-294-9247		451482		SSOW#:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anichler H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Email: jramey@trccompanies.com		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Project Name: RockGen Phase 2		Sample Date		Sample Time		Matrix (W=water, S=solid, O=water, BT=trace, AB=)	
Site: RockGen		Sample Date		Sample Time		Preservation Code:	
Sample Identification		Sample Date		Sample Time		Field Filtered Sample (Yes or No)	
MP-06-(148-178)-202308		8/29/23		10:45		N	
MP-06-(113-145)-202308		8/29/23		10:55		N	
MP-06-(73-110)-202308		8/29/23		11:30		N	
MP-06-(36-70)-202308		8/29/23		11:50		N	
MP-06-(21-33)-202308		8/29/23		13:15		N	
MP-07-(220-258)-202308		8/28/23		12:15		N	
MP-07-(195-217)-202308		8/28/23		12:25		N	
MP-07-(155-192)-202308		8/28/23		12:50		N	
MP-07-(115-152)-202308		8/28/23		13:15		N	
MP-07-(60-112)-202308		8/28/23		13:35		N	
MP-07-(48-77)-202308		8/28/23		13:55		N	
MP-08-(220-246)-202308		8/28/23		10:00		N	
MP-08-(195-217)-202308		8/28/23		10:15		N	
MP-08-(155-192)-202308		8/28/23		10:40		N	
MP-08-(115-152)-202308		8/28/23		11:10		N	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant	
Deliverable Requested: I, II, III, IV, Other (specify)		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Radiological	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Marshal Toft		Date/Time: 8/30/2023 17:45		Company: TRC		Received by: [Signature]	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.8, 5.1, 5.8		Company: [Signature]	



Chain of Custody Record

Client Information		Sampler: Marshal Toft/Ross Hartwick		Lab PM: Micah Smith		Carrier Tracking No(s):		COC No:	
Client Contact: Jeff Ramey		Phone: 608-630-4732		E-Mail: micah.smith@eurofins.com		State of Origin: Wisconsin		Page: 4/5	
Company: TRC		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: 6737 W Washington Street, Suite 2100		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	
City: West Allis		TAT Requested (days): Standard 10-Day		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
State, Zip: WI, 53214		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Phone: 414.294.9247		PO #: 178804		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Email: jramey@trccompanies.com		WO #: 451482		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Project Name: RockGen Phase 2		Project #: 451482		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Site: RockGen		SSOW#:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solids, O=water/Oil)	
MP-08-(80-112)-202308		8/28/23		11:25		G		GW	
MP-08-(48-77)-202308		8/28/23		11:45		G		GW	
DUP-01-202308						G		GW	
DUP-02-202308						G		GW	
DUP-03-202308						G		GW	
DUP-04-202308						G		GW	
DUP-05-202308						G		GW	
DUP-06-202308						G		GW	
DUP-07-202308						G		GW	
DUP-08-202308						G		GW	
FB-01-202308		8/29/23		16:00		G		W	
EB-01-202308		8/28/23		11:05		G		W	
EB-02-202308		8/28/23		12:29		G		W	
EB-03-202308		8/28/23		15:50		G		W	
EB-04-202308		8/29/23		9:30		G		W	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Date: 8/30/2023		Time: 17:45		Company: TRC	
Deliverable Requested: <input type="checkbox"/> I, II, III, IV, Other (specify)		Relinquished by: Marshal Toft		Date/Time: 8/30/2023 17:45		Date/Time:		Company:	
Empty Kit Relinquished by:		Relinquished by:		Date/Time:		Date/Time:		Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Date/Time:		Date/Time:		Company:	
Cooler Temperature(s) °C and Other Remarks: none, 5.1, 5.6		Date/Time:		Date/Time:		Date/Time:		Company:	



Chain of Custody Record

Client Information		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Jeff Ramey Phone: 608-630-4732 Company: TRC		Marshal Toffe/Ross Hartwick E-Mail: michah.smith@tet.eurofinsus.com		Micah Smith		State of Origin: Wisconsin		Page: Page 5/5 Job #:	
Analysis Requested		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MSMSD (Yes or No)		Special Instructions/Note:	
Address: 6737 W Washington Street, Suite 2100 City: West Allis State, Zip: WI, 53214 Phone: 414.294.9247 Email: jramey@lrccompanies.com Project Name: RockGen Phase 2 Site: RockGen		TAT Requested (days): Standard 10-Day Compliance Project: Δ Yes Δ No PO #: 178804 WO #:		Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solids, O=wastewater, or tissue, A=air) Preservation Code:		Total Number of containers		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecylaldrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
EB-05-202308		8/29/23	13:39	G	W	N	X	1	
EB-06-202308		8/29/23	15:30	G	W	N	X	1	
EB-07-202308		8/30/23	9:25	G	W	N	X	1	
EB-08-202308		8/30/23	10:30	G	W	N	X	1	

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	
Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by:	Date: 8/30/2023
Relinquished by: <i>Marshal Toffe</i>	Date/Time: 17:45
Relinquished by:	Date/Time:
Relinquished by:	Date/Time:
Custody Seals Intact: Δ Yes Δ No	Cooler Temperature(s) °C and Other Remarks: <i>15.1, 5.8</i>

Ver: 01/16/2019



Loc: 320
104410

Tracking #: 7931 4959 0284

Job: _____

SO / PO / 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: W2 Corr. Factor: (+/-) _____ °C

Ice Wet Gel _____ Other _____

Cooler Custody Seal: 2099467

Cooler ID: Vol 3

Temp Observed: 5.1 °C Corrected: 5.1 °C
From: Temp Blank Sample

Opening/Processing The Shipment Yes No NA

- Cooler compromised/tampered with?
- Cooler Temperature is acceptable?
- Frozen samples show signs of thaw?

Initials: DM Date: 8/31/23

Unpacking/Labeling The Samples Yes No NA

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

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: DM Date: 8/31/23

Notes:
Sample 7 container has ID with (91-118), COC has ID with (98-118) mm 8/31/23
if no dates on DUP samples or COC, use earliest date of samples on COC. 30 analysts can be chosen.
sample 29, only filled to 50ml
sample 35, only filled to 150ml
sample 46, only fill
sample 41, only fill 20ml
sample 47 has time of 1145 COC has time of 1125

Trizma Lot #(s): _____

Ammonium

Acetate Lot #(s): _____

Login Completion Yes No NA

- Receipt Temperature on COC?
- NCM Filed?
- Samples received within hold time?
- Log Release checked in TALS?

Initials: DM Date: 8/31/23



Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Tracking #: 7431 4959 0273

Job: _____

SO / PO / 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: <u>102</u> Corr. Factor: (+/-) _____ °C	Notes: _____
Ice <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Gel _____ Other _____	- Sample 48-51, 54-55 have no dates or times on sample containers or COC. Dated the earliest date on COC so analysts could be selected.
Cooler Custody Seal: <u>2099486</u>	- Sample 50 and 53 have dates. COC has no dates.
Cooler ID: <u>1 of 3</u>	- Sample 52 has dates and time. COC has no date or time.
Temp Observed: <u>4.2</u> °C Corrected: <u>4.6</u> °C	- Sample 52 only filled to 150 ml.
From: Temp Blank <input type="checkbox"/> Sample <input checked="" type="checkbox"/>	Trizma Lot #(s): _____
Opening/Processing The Shipment	Ammonium
Cooler compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	Acetate Lot #(s): _____
Cooler Temperature is acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Frozen samples show signs of thaw? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Initials: <u>W</u> Date: <u>8/31/23</u>	Login Completion
Unpacking/Labeling The Samples	Receipt Temperature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Containers are not broken or leaking? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	NCM Filed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Samples compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	Samples received within hold time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
COC is complete w/o discrepancies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Log Release checked in TALS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Sample custody seal? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Sample containers have legible labels? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Sample date/times are provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Appropriate containers are used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Sample bottles are completely filled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Sample preservatives verified? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Is the Field Sampler's name on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Samples w/o discrepancies? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Zero headspace?* <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Alkalinity has no headspace? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Perchlorate has headspace? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
(Methods 314, 331, 6850)	
Multiphasic samples are not present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
<small>*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")</small>	
Initials: <u>W</u> Date: <u>8/31/23</u>	Initials: <u>W</u> Date: <u>8/31/23</u>



Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Tracking #: 7831 4959 0295

Job: _____

SO / PO / 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: W2 Corr. Factor: (+/-) _____ °C

Ice _____ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 2099469

Cooler ID: 3 of 3

Temp Observed: 5.6 °C Corrected: 5.6 °C
From: Temp Blank Sample

Opening/Processing The Shipment Yes No NA

Cooler compromised/tampered with?

Cooler Temperature is acceptable?

Frozen samples show signs of thaw?

Initials: W Date: 8/31/25

Unpacking/Labeling The Samples Yes No NA

Containers are not broken or leaking?

Samples compromised/tampered with?

COC is complete w/o discrepancies

Sample custody seal?

Sample containers have legible labels?

Sample date/times are provided?

Appropriate containers are used?

Sample bottles are completely filled?

Sample preservatives verified?

Is the Field Sampler's name on COC?

Samples w/o discrepancies?

Zero headspace?*

Alkalinity has no headspace?

Perchlorate has headspace?
(Methods 314, 331, 6850)

Multiphasic samples are not present?

*Containers requiring zero headspace have no headspace or bubble < 6 mm (1/4")

Initials: W Date: 8/31/25

Notes:

Sample 57 has time of 1130
COC has time of 1105.

Trizma Lot #(s): _____

Ammonium

Acetate Lot #(s): _____

Login Completion

Receipt Temperature on COC?

NCM Filed?

Samples received within hold time?

Log Release checked in TALS?

Initials: W Date: 8/31/25

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 320-104400-1

Login Number: 104400

List Source: Eurofins Sacramento

List Number: 1

Creator: Medeiros, Ryan M

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	