

## ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento  
880 Riverside Parkway  
West Sacramento, CA 95605  
Tel: (916)373-5600

Laboratory Job ID: 320-75640-1  
Client Project/Site: RockGen

**For:**

TRC Environmental Corporation  
6737 W. Washington St., Suite 2100  
West Allis, Wisconsin 53214

Attn: Jeff Ramey



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*Authorized for release by:*  
7/8/2021 3:34:56 PM

David Alltucker, Project Manager I  
(916)374-4383  
[David.Alltucker@Eurofinset.com](mailto:David.Alltucker@Eurofinset.com)

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Definitions/Glossary

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

## Qualifiers

### LCMS

Qualifier	Qualifier Description
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: RockGen

Job ID: 320-75640-1

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**Job ID: 320-75640-1**

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**Laboratory: Eurofins TestAmerica, Sacramento**

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## Narrative

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### Receipt

The samples were received on 6/30/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0° C.

### LCMS

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

### General Chemistry

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

### Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-503862.

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: RockGen

Job ID: 320-75640-1

## Client Sample ID: SW-01-A-20210629

## Lab Sample ID: 320-75640-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	2.0		1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.3		1.7	0.48	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.6	J	1.7	0.21	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	6.1		1.7	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.2		1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.7		1.7	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.86	J	1.7	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.5	J	1.7	0.45	ng/L	1		537 (modified)	Total/NA
6:2 FTS	16		4.2	2.1	ng/L	1		537 (modified)	Total/NA
8:2 FTS	130		1.7	0.38	ng/L	1		537 (modified)	Total/NA
Total Suspended Solids	120		2.5	2.5	mg/L	1		SM 2540D	Total/NA

## Client Sample ID: SW-01-B-20210629

## Lab Sample ID: 320-75640-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	6.4		4.6	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	25		1.8	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	19		1.8	0.53	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	18		1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	23		1.8	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	5.3		1.8	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	3.5		1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.93	J	1.8	0.50	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.5	J	1.8	0.49	ng/L	1		537 (modified)	Total/NA
6:2 FTS	44		4.6	2.3	ng/L	1		537 (modified)	Total/NA
8:2 FTS	180		1.8	0.42	ng/L	1		537 (modified)	Total/NA
Total Suspended Solids	11		1.4	1.4	mg/L	1		SM 2540D	Total/NA

## Client Sample ID: DUP-02-20210629

## Lab Sample ID: 320-75640-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	2.0		1.6	0.40	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.1		1.6	0.47	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.4	J	1.6	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.8		1.6	0.70	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.3		1.6	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.6		1.6	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.93	J	1.6	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.2	J	1.6	0.44	ng/L	1		537 (modified)	Total/NA
6:2 FTS	16		4.1	2.0	ng/L	1		537 (modified)	Total/NA
8:2 FTS	140		1.6	0.38	ng/L	1		537 (modified)	Total/NA

## Client Sample ID: FB-04-20210629

## Lab Sample ID: 320-75640-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.52	J	1.7	0.51	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: SW-01-A-20210629**

**Lab Sample ID: 320-75640-1**

Date Collected: 06/29/21 10:35

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.2	2.0	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluoropentanoic acid (PFPeA)</b>	<b>2.0</b>		1.7	0.41	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorohexanoic acid (PFHxA)</b>	<b>4.3</b>		1.7	0.48	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>1.6 J</b>		1.7	0.21	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorooctanoic acid (PFOA)</b>	<b>6.1</b>		1.7	0.71	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorononanoic acid (PFNA)</b>	<b>2.2</b>		1.7	0.23	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorodecanoic acid (PFDA)</b>	<b>2.7</b>		1.7	0.26	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.92	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorododecanoic acid (PFDoA)</b>	<b>0.86 J</b>		1.7	0.46	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.7	1.1	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.61	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.17	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.7	0.25	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.48	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>1.5 J</b>		1.7	0.45	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorononanesulfonic acid (PFNS)	ND		1.7	0.31	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.27	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.7	0.81	ng/L		07/02/21 12:19	07/03/21 15:14	1
Perfluorooctanesulfonamide (FOSA)	ND		1.7	0.82	ng/L		07/02/21 12:19	07/03/21 15:14	1
NEtFOSA	ND		1.7	0.73	ng/L		07/02/21 12:19	07/03/21 15:14	1
NMeFOSA	ND		1.7	0.36	ng/L		07/02/21 12:19	07/03/21 15:14	1
NMeFOSAA	ND		4.2	1.0	ng/L		07/02/21 12:19	07/03/21 15:14	1
NEtFOSAA	ND		4.2	1.1	ng/L		07/02/21 12:19	07/03/21 15:14	1
NMeFOSE	ND		3.3	1.2	ng/L		07/02/21 12:19	07/03/21 15:14	1
NEtFOSE	ND		1.7	0.71	ng/L		07/02/21 12:19	07/03/21 15:14	1
4:2 FTS	ND		1.7	0.20	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>6:2 FTS</b>	<b>16</b>		4.2	2.1	ng/L		07/02/21 12:19	07/03/21 15:14	1
<b>8:2 FTS</b>	<b>130</b>		1.7	0.38	ng/L		07/02/21 12:19	07/03/21 15:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.7	0.33	ng/L		07/02/21 12:19	07/03/21 15:14	1
HFPO-DA (GenX)	ND		3.3	1.3	ng/L		07/02/21 12:19	07/03/21 15:14	1
9Cl-PF3ONS	ND		1.7	0.20	ng/L		07/02/21 12:19	07/03/21 15:14	1
11Cl-PF3OUdS	ND		1.7	0.27	ng/L		07/02/21 12:19	07/03/21 15:14	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C5 PFPeA	84		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 PFHxA	80		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C4 PFHpA	89		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C4 PFOA	84		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C5 PFNA	86		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 PFDA	85		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 PFUnA	86		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 PFDoA	71		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 PFTeDA	66		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C3 PFBS	81		25 - 150	07/02/21 12:19	07/03/21 15:14	1

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# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: SW-01-A-20210629**

**Lab Sample ID: 320-75640-1**

Date Collected: 06/29/21 10:35

Matrix: Water

Date Received: 06/30/21 10:00

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	74		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C4 PFOS	69		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C8 FOSA	82		10 - 150	07/02/21 12:19	07/03/21 15:14	1
d3-NMeFOSAA	76		25 - 150	07/02/21 12:19	07/03/21 15:14	1
d5-NEtFOSAA	80		25 - 150	07/02/21 12:19	07/03/21 15:14	1
d-N-MeFOSA-M	65		10 - 150	07/02/21 12:19	07/03/21 15:14	1
d-N-EtFOSA-M	67		10 - 150	07/02/21 12:19	07/03/21 15:14	1
d7-N-MeFOSE-M	69		10 - 150	07/02/21 12:19	07/03/21 15:14	1
d9-N-EtFOSE-M	69		10 - 150	07/02/21 12:19	07/03/21 15:14	1
M2-4:2 FTS	94		25 - 150	07/02/21 12:19	07/03/21 15:14	1
M2-6:2 FTS	102		25 - 150	07/02/21 12:19	07/03/21 15:14	1
M2-8:2 FTS	83		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C3 HFPO-DA	87		25 - 150	07/02/21 12:19	07/03/21 15:14	1
13C2 10:2 FTS	87		25 - 150	07/02/21 12:19	07/03/21 15:14	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	120		2.5	2.5	mg/L			07/06/21 15:42	1

**Client Sample ID: SW-01-B-20210629**

**Lab Sample ID: 320-75640-2**

Date Collected: 06/29/21 12:15

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	6.4		4.6	2.2	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluoropentanoic acid (PFPeA)	25		1.8	0.45	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorohexanoic acid (PFHxA)	19		1.8	0.53	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluoroheptanoic acid (PFHpA)	18		1.8	0.23	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorooctanoic acid (PFOA)	23		1.8	0.77	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorononanoic acid (PFNA)	5.3		1.8	0.25	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorodecanoic acid (PFDA)	3.5		1.8	0.28	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	1.0	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorododecanoic acid (PFDoA)	0.93	J	1.8	0.50	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8	1.2	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.66	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.8	0.27	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8	0.52	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.17	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorooctanesulfonic acid (PFOS)	1.5	J	1.8	0.49	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorononanesulfonic acid (PFNS)	ND		1.8	0.34	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.29	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.88	ng/L		07/02/21 12:19	07/03/21 15:23	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8	0.89	ng/L		07/02/21 12:19	07/03/21 15:23	1
NEtFOSA	ND		1.8	0.79	ng/L		07/02/21 12:19	07/03/21 15:23	1

Eurofins TestAmerica, Sacramento

# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: SW-01-B-20210629**

**Lab Sample ID: 320-75640-2**

Date Collected: 06/29/21 12:15

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSA	ND		1.8	0.39	ng/L		07/02/21 12:19	07/03/21 15:23	1
NMeFOSAA	ND		4.6	1.1	ng/L		07/02/21 12:19	07/03/21 15:23	1
NEtFOSAA	ND		4.6	1.2	ng/L		07/02/21 12:19	07/03/21 15:23	1
NMeFOSE	ND		3.6	1.3	ng/L		07/02/21 12:19	07/03/21 15:23	1
NEtFOSE	ND		1.8	0.77	ng/L		07/02/21 12:19	07/03/21 15:23	1
4:2 FTS	ND		1.8	0.22	ng/L		07/02/21 12:19	07/03/21 15:23	1
<b>6:2 FTS</b>	<b>44</b>		4.6	2.3	ng/L		07/02/21 12:19	07/03/21 15:23	1
<b>8:2 FTS</b>	<b>180</b>		1.8	0.42	ng/L		07/02/21 12:19	07/03/21 15:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.36	ng/L		07/02/21 12:19	07/03/21 15:23	1
HFPO-DA (GenX)	ND		3.6	1.4	ng/L		07/02/21 12:19	07/03/21 15:23	1
9CI-PF3ONS	ND		1.8	0.22	ng/L		07/02/21 12:19	07/03/21 15:23	1
11CI-PF3OUdS	ND		1.8	0.29	ng/L		07/02/21 12:19	07/03/21 15:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C5 PFPeA	82		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 PFHxA	81		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C4 PFHpA	89		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C4 PFOA	80		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C5 PFNA	89		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 PFDA	83		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 PFUnA	85		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 PFDoA	77		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 PFTeDA	71		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C3 PFBS	86		25 - 150				07/02/21 12:19	07/03/21 15:23	1
18O2 PFHxS	79		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C4 PFOS	81		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C8 FOSA	88		10 - 150				07/02/21 12:19	07/03/21 15:23	1
d3-NMeFOSAA	77		25 - 150				07/02/21 12:19	07/03/21 15:23	1
d5-NEtFOSAA	83		25 - 150				07/02/21 12:19	07/03/21 15:23	1
d-N-MeFOSA-M	64		10 - 150				07/02/21 12:19	07/03/21 15:23	1
d-N-EtFOSA-M	62		10 - 150				07/02/21 12:19	07/03/21 15:23	1
d7-N-MeFOSE-M	66		10 - 150				07/02/21 12:19	07/03/21 15:23	1
d9-N-EtFOSE-M	68		10 - 150				07/02/21 12:19	07/03/21 15:23	1
M2-4:2 FTS	104		25 - 150				07/02/21 12:19	07/03/21 15:23	1
M2-6:2 FTS	113		25 - 150				07/02/21 12:19	07/03/21 15:23	1
M2-8:2 FTS	97		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C3 HFPO-DA	87		25 - 150				07/02/21 12:19	07/03/21 15:23	1
13C2 10:2 FTS	93		25 - 150				07/02/21 12:19	07/03/21 15:23	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Suspended Solids</b>	<b>11</b>		1.4	1.4	mg/L			07/06/21 15:42	1

Eurofins TestAmerica, Sacramento



# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: DUP-02-20210629**

**Lab Sample ID: 320-75640-3**

Date Collected: 06/29/21 00:00

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.1	2.0	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluoropentanoic acid (PFPeA)</b>	<b>2.0</b>		1.6	0.40	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorohexanoic acid (PFHxA)</b>	<b>4.1</b>		1.6	0.47	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluoroheptanoic acid (PFHpA)</b>	<b>1.4 J</b>		1.6	0.20	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorooctanoic acid (PFOA)</b>	<b>5.8</b>		1.6	0.70	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorononanoic acid (PFNA)</b>	<b>2.3</b>		1.6	0.22	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorodecanoic acid (PFDA)</b>	<b>2.6</b>		1.6	0.25	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluoroundecanoic acid (PFUnA)	ND		1.6	0.90	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorododecanoic acid (PFDoA)</b>	<b>0.93 J</b>		1.6	0.45	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.6	1.1	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.6	0.60	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.6	0.16	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.6	0.25	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.6	0.47	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.6	0.16	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Perfluorooctanesulfonic acid (PFOS)</b>	<b>1.2 J</b>		1.6	0.44	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorononanesulfonic acid (PFNS)	ND		1.6	0.30	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.26	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.6	0.79	ng/L		07/02/21 12:19	07/03/21 15:32	1
Perfluorooctanesulfonamide (FOSA)	ND		1.6	0.80	ng/L		07/02/21 12:19	07/03/21 15:32	1
NEtFOSA	ND		1.6	0.71	ng/L		07/02/21 12:19	07/03/21 15:32	1
NMeFOSA	ND		1.6	0.35	ng/L		07/02/21 12:19	07/03/21 15:32	1
NMeFOSAA	ND		4.1	0.98	ng/L		07/02/21 12:19	07/03/21 15:32	1
NEtFOSAA	ND		4.1	1.1	ng/L		07/02/21 12:19	07/03/21 15:32	1
NMeFOSE	ND		3.3	1.1	ng/L		07/02/21 12:19	07/03/21 15:32	1
NEtFOSE	ND		1.6	0.70	ng/L		07/02/21 12:19	07/03/21 15:32	1
4:2 FTS	ND		1.6	0.20	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>6:2 FTS</b>	<b>16</b>		4.1	2.0	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>8:2 FTS</b>	<b>140</b>		1.6	0.38	ng/L		07/02/21 12:19	07/03/21 15:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.6	0.33	ng/L		07/02/21 12:19	07/03/21 15:32	1
HFPO-DA (GenX)	ND		3.3	1.2	ng/L		07/02/21 12:19	07/03/21 15:32	1
9Cl-PF3ONS	ND		1.6	0.20	ng/L		07/02/21 12:19	07/03/21 15:32	1
11Cl-PF3OUdS	ND		1.6	0.26	ng/L		07/02/21 12:19	07/03/21 15:32	1
<b>Isotope Dilution</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
13C4 PFBA	88		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C5 PFPeA	85		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C2 PFHxA	86		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C4 PFHpA	95		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C4 PFOA	92		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C5 PFNA	94		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C2 PFDA	92		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C2 PFUnA	96		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C2 PFDoA	83		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C2 PFTeDA	79		25 - 150				07/02/21 12:19	07/03/21 15:32	1
13C3 PFBS	94		25 - 150				07/02/21 12:19	07/03/21 15:32	1

Eurofins TestAmerica, Sacramento

# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: DUP-02-20210629**

**Lab Sample ID: 320-75640-3**

Date Collected: 06/29/21 00:00

Matrix: Water

Date Received: 06/30/21 10:00

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	87		25 - 150	07/02/21 12:19	07/03/21 15:32	1
13C4 PFOS	90		25 - 150	07/02/21 12:19	07/03/21 15:32	1
13C8 FOSA	95		10 - 150	07/02/21 12:19	07/03/21 15:32	1
d3-NMeFOSAA	84		25 - 150	07/02/21 12:19	07/03/21 15:32	1
d5-NEtFOSAA	93		25 - 150	07/02/21 12:19	07/03/21 15:32	1
d-N-MeFOSA-M	80		10 - 150	07/02/21 12:19	07/03/21 15:32	1
d-N-EtFOSA-M	76		10 - 150	07/02/21 12:19	07/03/21 15:32	1
d7-N-MeFOSE-M	72		10 - 150	07/02/21 12:19	07/03/21 15:32	1
d9-N-EtFOSE-M	79		10 - 150	07/02/21 12:19	07/03/21 15:32	1
M2-4:2 FTS	100		25 - 150	07/02/21 12:19	07/03/21 15:32	1
M2-6:2 FTS	112		25 - 150	07/02/21 12:19	07/03/21 15:32	1
M2-8:2 FTS	101		25 - 150	07/02/21 12:19	07/03/21 15:32	1
13C3 HFPO-DA	88		25 - 150	07/02/21 12:19	07/03/21 15:32	1
13C2 10:2 FTS	101		25 - 150	07/02/21 12:19	07/03/21 15:32	1

**Client Sample ID: FB-04-20210629**

**Lab Sample ID: 320-75640-4**

Date Collected: 06/29/21 12:30

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.4	2.1	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.43	ng/L		07/02/21 12:19	07/03/21 15:41	1
<b>Perfluorohexanoic acid (PFHxA)</b>	<b>0.52</b>	<b>J</b>	1.7	0.51	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.22	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.74	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.24	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.27	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.96	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.48	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.7	1.1	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.64	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.17	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.7	0.26	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.50	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.17	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.47	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorononanesulfonic acid (PFNS)	ND		1.7	0.32	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.28	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.7	0.85	ng/L		07/02/21 12:19	07/03/21 15:41	1
Perfluorooctanesulfonamide (FOSA)	ND		1.7	0.85	ng/L		07/02/21 12:19	07/03/21 15:41	1
NEtFOSA	ND		1.7	0.76	ng/L		07/02/21 12:19	07/03/21 15:41	1
NMeFOSA	ND		1.7	0.38	ng/L		07/02/21 12:19	07/03/21 15:41	1
NMeFOSAA	ND		4.4	1.0	ng/L		07/02/21 12:19	07/03/21 15:41	1
NEtFOSAA	ND		4.4	1.1	ng/L		07/02/21 12:19	07/03/21 15:41	1
NMeFOSE	ND		3.5	1.2	ng/L		07/02/21 12:19	07/03/21 15:41	1
NEtFOSE	ND		1.7	0.74	ng/L		07/02/21 12:19	07/03/21 15:41	1
4:2 FTS	ND		1.7	0.21	ng/L		07/02/21 12:19	07/03/21 15:41	1

Eurofins TestAmerica, Sacramento

# Client Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: FB-04-20210629**

**Lab Sample ID: 320-75640-4**

Date Collected: 06/29/21 12:30

Matrix: Water

Date Received: 06/30/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	ND		4.4	2.2	ng/L		07/02/21 12:19	07/03/21 15:41	1
8:2 FTS	ND		1.7	0.40	ng/L		07/02/21 12:19	07/03/21 15:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.7	0.35	ng/L		07/02/21 12:19	07/03/21 15:41	1
HFPO-DA (GenX)	ND		3.5	1.3	ng/L		07/02/21 12:19	07/03/21 15:41	1
9Cl-PF3ONS	ND		1.7	0.21	ng/L		07/02/21 12:19	07/03/21 15:41	1
11Cl-PF3OUdS	ND		1.7	0.28	ng/L		07/02/21 12:19	07/03/21 15:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C5 PFPeA	85		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 PFHxA	85		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C4 PFHpA	92		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C4 PFOA	92		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C5 PFNA	96		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 PFDA	91		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 PFUnA	94		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 PFDoA	89		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 PFTeDA	90		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C3 PFBS	100		25 - 150				07/02/21 12:19	07/03/21 15:41	1
18O2 PFHxS	97		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C4 PFOS	93		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C8 FOSA	89		10 - 150				07/02/21 12:19	07/03/21 15:41	1
d3-NMeFOSAA	79		25 - 150				07/02/21 12:19	07/03/21 15:41	1
d5-NEtFOSAA	89		25 - 150				07/02/21 12:19	07/03/21 15:41	1
d-N-MeFOSA-M	71		10 - 150				07/02/21 12:19	07/03/21 15:41	1
d-N-EtFOSA-M	72		10 - 150				07/02/21 12:19	07/03/21 15:41	1
d7-N-MeFOSE-M	72		10 - 150				07/02/21 12:19	07/03/21 15:41	1
d9-N-EtFOSE-M	83		10 - 150				07/02/21 12:19	07/03/21 15:41	1
M2-4:2 FTS	102		25 - 150				07/02/21 12:19	07/03/21 15:41	1
M2-6:2 FTS	104		25 - 150				07/02/21 12:19	07/03/21 15:41	1
M2-8:2 FTS	102		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C3 HFPO-DA	89		25 - 150				07/02/21 12:19	07/03/21 15:41	1
13C2 10:2 FTS	105		25 - 150				07/02/21 12:19	07/03/21 15:41	1

# Isotope Dilution Summary

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

Matrix: Water

Prep Type: Total/NA

### Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-75640-1	SW-01-A-20210629	87	84	80	89	84	86	85	86
320-75640-2	SW-01-B-20210629	86	82	81	89	80	89	83	85
320-75640-3	DUP-02-20210629	88	85	86	95	92	94	92	96
320-75640-4	FB-04-20210629	90	85	85	92	92	96	91	94
LCS 320-503862/2-A	Lab Control Sample	90	89	87	93	93	91	93	95
LCSD 320-503862/3-A	Lab Control Sample Dup	90	87	91	98	95	97	95	102
MB 320-503862/1-A	Method Blank	105	96	97	105	103	103	108	108

### Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFS (25-150)	d5NEFOS (25-150)
320-75640-1	SW-01-A-20210629	71	66	81	74	69	82	76	80
320-75640-2	SW-01-B-20210629	77	71	86	79	81	88	77	83
320-75640-3	DUP-02-20210629	83	79	94	87	90	95	84	93
320-75640-4	FB-04-20210629	89	90	100	97	93	89	79	89
LCS 320-503862/2-A	Lab Control Sample	93	94	100	99	98	92	80	92
LCSD 320-503862/3-A	Lab Control Sample Dup	95	89	104	102	98	94	86	91
MB 320-503862/1-A	Method Blank	105	106	110	102	102	100	93	98

### Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
320-75640-1	SW-01-A-20210629	65	67	69	69	94	102	83	87
320-75640-2	SW-01-B-20210629	64	62	66	68	104	113	97	87
320-75640-3	DUP-02-20210629	80	76	72	79	100	112	101	88
320-75640-4	FB-04-20210629	71	72	72	83	102	104	102	89
LCS 320-503862/2-A	Lab Control Sample	73	79	85	85	96	102	100	90
LCSD 320-503862/3-A	Lab Control Sample Dup	58	57	76	82	100	100	95	90
MB 320-503862/1-A	Method Blank	78	85	90	90	107	116	106	101

### Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
320-75640-1	SW-01-A-20210629	87
320-75640-2	SW-01-B-20210629	93
320-75640-3	DUP-02-20210629	101
320-75640-4	FB-04-20210629	105
LCS 320-503862/2-A	Lab Control Sample	106
LCSD 320-503862/3-A	Lab Control Sample Dup	111
MB 320-503862/1-A	Method Blank	118

#### 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

# Isotope Dilution Summary

Client: TRC Environmental Corporation

Job ID: 320-75640-1

Project/Site: RockGen

C3PFBS = 13C3 PFBS

PFHxS = 18O2 PFHxS

PFOS = 13C4 PFOS

PFOSA = 13C8 FOSA

d3NMFOS = d3-NMeFOSAA

d5NEFOS = d5-NEtFOSAA

dMeFOSA = d-N-MeFOSA-M

dEtFOSA = d-N-EtFOSA-M

NMFM = d7-N-MeFOSE-M

NEFM = d9-N-EtFOSE-M

M242FTS = M2-4:2 FTS

M262FTS = M2-6:2 FTS

M282FTS = M2-8:2 FTS

HFPODA = 13C3 HFPO-DA

M102FTS = 13C2 10:2 FTS

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# QC Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

**Lab Sample ID: MB 320-503862/1-A**  
**Matrix: Water**  
**Analysis Batch: 504039**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 503862**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	ND		5.0	2.4	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	1.3	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.73	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.30	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.57	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.37	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.97	ng/L		07/02/21 12:19	07/03/21 14:47	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.98	ng/L		07/02/21 12:19	07/03/21 14:47	1
NEtFOSA	ND		2.0	0.87	ng/L		07/02/21 12:19	07/03/21 14:47	1
NMeFOSA	ND		2.0	0.43	ng/L		07/02/21 12:19	07/03/21 14:47	1
NMeFOSAA	ND		5.0	1.2	ng/L		07/02/21 12:19	07/03/21 14:47	1
NEtFOSAA	ND		5.0	1.3	ng/L		07/02/21 12:19	07/03/21 14:47	1
NMeFOSE	ND		4.0	1.4	ng/L		07/02/21 12:19	07/03/21 14:47	1
NEtFOSE	ND		2.0	0.85	ng/L		07/02/21 12:19	07/03/21 14:47	1
4:2 FTS	ND		2.0	0.24	ng/L		07/02/21 12:19	07/03/21 14:47	1
6:2 FTS	ND		5.0	2.5	ng/L		07/02/21 12:19	07/03/21 14:47	1
8:2 FTS	ND		2.0	0.46	ng/L		07/02/21 12:19	07/03/21 14:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.40	ng/L		07/02/21 12:19	07/03/21 14:47	1
HFPO-DA (GenX)	ND		4.0	1.5	ng/L		07/02/21 12:19	07/03/21 14:47	1
9Cl-PF3ONS	ND		2.0	0.24	ng/L		07/02/21 12:19	07/03/21 14:47	1
11Cl-PF3OUdS	ND		2.0	0.32	ng/L		07/02/21 12:19	07/03/21 14:47	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	105		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C5 PFPeA	96		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 PFHxA	97		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C4 PFHpA	105		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C4 PFOA	103		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C5 PFNA	103		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 PFDA	108		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 PFUnA	108		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 PFDoA	105		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 PFTeDA	106		25 - 150	07/02/21 12:19	07/03/21 14:47	1

Eurofins TestAmerica, Sacramento

# QC Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

**Lab Sample ID: MB 320-503862/1-A**  
**Matrix: Water**  
**Analysis Batch: 504039**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 503862**

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C3 PFBS	110		25 - 150	07/02/21 12:19	07/03/21 14:47	1
18O2 PFHxS	102		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C4 PFOS	102		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C8 FOSA	100		10 - 150	07/02/21 12:19	07/03/21 14:47	1
d3-NMeFOSAA	93		25 - 150	07/02/21 12:19	07/03/21 14:47	1
d5-NEtFOSAA	98		25 - 150	07/02/21 12:19	07/03/21 14:47	1
d-N-MeFOSA-M	78		10 - 150	07/02/21 12:19	07/03/21 14:47	1
d-N-EtFOSA-M	85		10 - 150	07/02/21 12:19	07/03/21 14:47	1
d7-N-MeFOSE-M	90		10 - 150	07/02/21 12:19	07/03/21 14:47	1
d9-N-EtFOSE-M	90		10 - 150	07/02/21 12:19	07/03/21 14:47	1
M2-4:2 FTS	107		25 - 150	07/02/21 12:19	07/03/21 14:47	1
M2-6:2 FTS	116		25 - 150	07/02/21 12:19	07/03/21 14:47	1
M2-8:2 FTS	106		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C3 HFPO-DA	101		25 - 150	07/02/21 12:19	07/03/21 14:47	1
13C2 10:2 FTS	118		25 - 150	07/02/21 12:19	07/03/21 14:47	1

**Lab Sample ID: LCS 320-503862/2-A**  
**Matrix: Water**  
**Analysis Batch: 504039**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 503862**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	40.0	43.1		ng/L		108	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	41.7		ng/L		104	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	43.0		ng/L		108	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	44.3		ng/L		111	60 - 135
Perfluorononanoic acid (PFNA)	40.0	44.3		ng/L		111	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	41.0		ng/L		102	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	44.0		ng/L		110	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	43.5		ng/L		109	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	44.5		ng/L		111	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	43.2		ng/L		108	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	36.3		ng/L		103	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	36.8		ng/L		98	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.6		ng/L		95	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.6		ng/L		101	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	38.5		ng/L		104	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	37.1		ng/L		97	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	37.7		ng/L		98	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	39.1		ng/L		101	60 - 135

Eurofins TestAmerica, Sacramento

# QC Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

**Lab Sample ID: LCS 320-503862/2-A**  
**Matrix: Water**  
**Analysis Batch: 504039**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 503862**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonamide (FOSA)	40.0	45.2		ng/L		113	60 - 135
NEtFOSA	40.0	41.3		ng/L		103	60 - 135
NMeFOSA	40.0	42.4		ng/L		106	60 - 135
NMeFOSAA	40.0	43.2		ng/L		108	60 - 135
NEtFOSAA	40.0	44.1		ng/L		110	60 - 135
NMeFOSE	40.0	43.9		ng/L		110	60 - 135
NEtFOSE	40.0	43.6		ng/L		109	60 - 135
4:2 FTS	37.4	40.4		ng/L		108	60 - 135
6:2 FTS	37.9	38.2		ng/L		101	60 - 135
8:2 FTS	38.3	43.7		ng/L		114	60 - 135
4,8-Dioxa-3H-perfluoronanoic acid (ADONA)	37.7	40.8		ng/L		108	60 - 135
HFPO-DA (GenX)	40.0	44.9		ng/L		112	60 - 135
9Cl-PF3ONS	37.3	37.1		ng/L		99	60 - 135
11Cl-PF3OUdS	37.7	37.2		ng/L		99	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	90		25 - 150
13C5 PFPeA	89		25 - 150
13C2 PFHxA	87		25 - 150
13C4 PFHpA	93		25 - 150
13C4 PFOA	93		25 - 150
13C5 PFNA	91		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	93		25 - 150
13C2 PFTeDA	94		25 - 150
13C3 PFBS	100		25 - 150
18O2 PFHxS	99		25 - 150
13C4 PFOS	98		25 - 150
13C8 FOSA	92		10 - 150
d3-NMeFOSAA	80		25 - 150
d5-NEtFOSAA	92		25 - 150
d-N-MeFOSA-M	73		10 - 150
d-N-EtFOSA-M	79		10 - 150
d7-N-MeFOSE-M	85		10 - 150
d9-N-EtFOSE-M	85		10 - 150
M2-4:2 FTS	96		25 - 150
M2-6:2 FTS	102		25 - 150
M2-8:2 FTS	100		25 - 150
13C3 HFPO-DA	90		25 - 150
13C2 10:2 FTS	106		25 - 150



# QC Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

**Lab Sample ID: LCSD 320-503862/3-A**

**Matrix: Water**

**Analysis Batch: 504039**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 503862**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	42.3		ng/L		106	60 - 135	1	30
Perfluoropentanoic acid (PFPeA)	40.0	44.0		ng/L		110	60 - 135	2	30
Perfluorohexanoic acid (PFHxA)	40.0	41.8		ng/L		104	60 - 135	0	30
Perfluoroheptanoic acid (PFHpA)	40.0	41.7		ng/L		104	60 - 135	3	30
Perfluorooctanoic acid (PFOA)	40.0	45.0		ng/L		113	60 - 135	2	30
Perfluorononanoic acid (PFNA)	40.0	43.7		ng/L		109	60 - 135	1	30
Perfluorodecanoic acid (PFDA)	40.0	44.3		ng/L		111	60 - 135	8	30
Perfluoroundecanoic acid (PFUnA)	40.0	41.2		ng/L		103	60 - 135	6	30
Perfluorododecanoic acid (PFDoA)	40.0	48.8		ng/L		122	60 - 135	12	30
Perfluorotridecanoic acid (PFTTrDA)	40.0	42.1		ng/L		105	60 - 135	5	30
Perfluorotetradecanoic acid (PFTeA)	40.0	44.3		ng/L		111	60 - 135	2	30
Perfluorobutanesulfonic acid (PFBS)	35.4	34.3		ng/L		97	60 - 135	6	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	38.3		ng/L		102	60 - 135	4	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.3		ng/L		100	60 - 135	5	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.2		ng/L		106	60 - 135	4	30
Perfluorooctanesulfonic acid (PFOS)	37.1	40.7		ng/L		110	60 - 135	6	30
Perfluorononanesulfonic acid (PFNS)	38.4	41.3		ng/L		108	60 - 135	11	30
Perfluorodecanesulfonic acid (PFDS)	38.6	41.6		ng/L		108	60 - 135	10	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	41.0		ng/L		106	60 - 135	5	30
Perfluorooctanesulfonamide (FOSA)	40.0	42.7		ng/L		107	60 - 135	6	30
NEtFOSA	40.0	45.9		ng/L		115	60 - 135	11	30
NMeFOSA	40.0	45.3		ng/L		113	60 - 135	6	30
NMeFOSAA	40.0	41.3		ng/L		103	60 - 135	5	30
NEtFOSAA	40.0	45.1		ng/L		113	60 - 135	2	30
NMeFOSE	40.0	45.7		ng/L		114	60 - 135	4	30
NEtFOSE	40.0	44.4		ng/L		111	60 - 135	2	30
4:2 FTS	37.4	39.6		ng/L		106	60 - 135	2	30
6:2 FTS	37.9	39.5		ng/L		104	60 - 135	3	30
8:2 FTS	38.3	44.7		ng/L		117	60 - 135	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	40.6		ng/L		108	60 - 135	1	30
HFPO-DA (GenX)	40.0	45.4		ng/L		113	60 - 135	1	30
9CI-PF3ONS	37.3	39.3		ng/L		105	60 - 135	6	30
11CI-PF3OUdS	37.7	39.5		ng/L		105	60 - 135	6	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	90		25 - 150
13C5 PFPeA	87		25 - 150
13C2 PFHxA	91		25 - 150

Eurofins TestAmerica, Sacramento

# QC Sample Results

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

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

Lab Sample ID: LCSD 320-503862/3-A  
Matrix: Water  
Analysis Batch: 504039

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 503862

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFHpA	98		25 - 150
13C4 PFOA	95		25 - 150
13C5 PFNA	97		25 - 150
13C2 PFDA	95		25 - 150
13C2 PFUnA	102		25 - 150
13C2 PFDoA	95		25 - 150
13C2 PFTeDA	89		25 - 150
13C3 PFBS	104		25 - 150
18O2 PFHxS	102		25 - 150
13C4 PFOS	98		25 - 150
13C8 FOSA	94		10 - 150
d3-NMeFOSAA	86		25 - 150
d5-NEtFOSAA	91		25 - 150
d-N-MeFOSA-M	58		10 - 150
d-N-EtFOSA-M	57		10 - 150
d7-N-MeFOSE-M	76		10 - 150
d9-N-EtFOSE-M	82		10 - 150
M2-4:2 FTS	100		25 - 150
M2-6:2 FTS	100		25 - 150
M2-8:2 FTS	95		25 - 150
13C3 HFPO-DA	90		25 - 150
13C2 10:2 FTS	111		25 - 150

## Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 320-504528/1  
Matrix: Water  
Analysis Batch: 504528

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		5.0	5.0	mg/L			07/06/21 15:42	1

Lab Sample ID: LCS 320-504528/2  
Matrix: Water  
Analysis Batch: 504528

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: LCSD 320-504528/3  
Matrix: Water  
Analysis Batch: 504528

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit

# QC Association Summary

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

## LCMS

### Prep Batch: 503862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-75640-1	SW-01-A-20210629	Total/NA	Water	3535	
320-75640-2	SW-01-B-20210629	Total/NA	Water	3535	
320-75640-3	DUP-02-20210629	Total/NA	Water	3535	
320-75640-4	FB-04-20210629	Total/NA	Water	3535	
MB 320-503862/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-503862/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-503862/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

### Analysis Batch: 504039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-75640-1	SW-01-A-20210629	Total/NA	Water	537 (modified)	503862
320-75640-2	SW-01-B-20210629	Total/NA	Water	537 (modified)	503862
320-75640-3	DUP-02-20210629	Total/NA	Water	537 (modified)	503862
320-75640-4	FB-04-20210629	Total/NA	Water	537 (modified)	503862
MB 320-503862/1-A	Method Blank	Total/NA	Water	537 (modified)	503862
LCS 320-503862/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	503862
LCSD 320-503862/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	503862

## General Chemistry

### Analysis Batch: 504528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-75640-1	SW-01-A-20210629	Total/NA	Water	SM 2540D	
320-75640-2	SW-01-B-20210629	Total/NA	Water	SM 2540D	
MB 320-504528/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 320-504528/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 320-504528/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	

# Lab Chronicle

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

**Client Sample ID: SW-01-A-20210629**

**Lab Sample ID: 320-75640-1**

Date Collected: 06/29/21 10:35

Matrix: Water

Date Received: 06/30/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			299.4 mL	10.0 mL	503862	07/02/21 12:19	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			504039	07/03/21 15:14	D1R	TAL SAC
Total/NA	Analysis	SM 2540D		1	500 mL	250 mL	504528	07/06/21 15:42	KDB	TAL SAC

**Client Sample ID: SW-01-B-20210629**

**Lab Sample ID: 320-75640-2**

Date Collected: 06/29/21 12:15

Matrix: Water

Date Received: 06/30/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			274.5 mL	10.0 mL	503862	07/02/21 12:19	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			504039	07/03/21 15:23	D1R	TAL SAC
Total/NA	Analysis	SM 2540D		1	890 mL	250 mL	504528	07/06/21 15:42	KDB	TAL SAC

**Client Sample ID: DUP-02-20210629**

**Lab Sample ID: 320-75640-3**

Date Collected: 06/29/21 00:00

Matrix: Water

Date Received: 06/30/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			305.4 mL	10.0 mL	503862	07/02/21 12:19	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			504039	07/03/21 15:32	D1R	TAL SAC

**Client Sample ID: FB-04-20210629**

**Lab Sample ID: 320-75640-4**

Date Collected: 06/29/21 12:30

Matrix: Water

Date Received: 06/30/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			286.6 mL	10.0 mL	503862	07/02/21 12:19	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			504039	07/03/21 15:41	D1R	TAL SAC

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: TRC Environmental Corporation  
 Project/Site: RockGen

Job ID: 320-75640-1

## Laboratory: Eurofins TestAmerica, Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-21
California	State	2897	01-31-22
Colorado	State	CA0004	08-31-21
Georgia	State	4040	01-29-22
Hawaii	State	<cert No.>	01-29-22
Illinois	NELAP	200060	03-18-22
Kansas	NELAP	E-10375	10-31-21
Louisiana	NELAP	01944	06-30-22
Maine	State	CA00004	04-14-22
Michigan	State	9947	01-29-22
Nevada	State	CA000442021-2	07-31-21
New Hampshire	NELAP	2997	04-18-22
New Jersey	NELAP	CA005	06-30-22
New York	NELAP	11666	04-01-22
Ohio	State	41252	01-29-22
Oregon	NELAP	4040	01-30-23
Texas	NELAP	T104704399-19-13	05-31-22
US Fish & Wildlife	US Federal Programs	58448	07-31-21
USDA	US Federal Programs	P330-18-00239	07-31-21
Utah	NELAP	CA000442021-12	03-01-22
Virginia	NELAP	460278	03-14-22
Washington	State	C581	05-05-22
West Virginia (DW)	State	9930C	12-31-21
Wisconsin	State	998204680	08-31-21
Wyoming	State Program	8TMS-L	01-28-19 *

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

# Method Summary

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC

#### Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

#### Laboratory References:

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

# Sample Summary

Client: TRC Environmental Corporation  
Project/Site: RockGen

Job ID: 320-75640-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-75640-1	SW-01-A-20210629	Water	06/29/21 10:35	06/30/21 10:00	
320-75640-2	SW-01-B-20210629	Water	06/29/21 12:15	06/30/21 10:00	
320-75640-3	DUP-02-20210629	Water	06/29/21 00:00	06/30/21 10:00	
320-75640-4	FB-04-20210629	Water	06/29/21 12:30	06/30/21 10:00	

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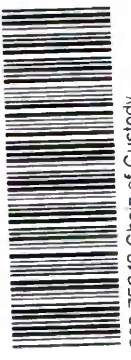
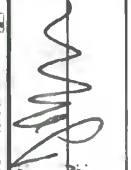
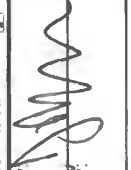
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Address:

TAL-8210

Regulatory Program:  DW  NPDES  RCRA  Other:

Company Name: <b>PRC Env</b> Address: <b>708 Heartland Tr. Ste 3000</b> City/State/Zip: <b>Madison, WI 53717</b> Phone: <b>608-234-7374</b> Fax: Project Name: <b>RockGen</b> Site: <b>RockGen - Cambridge</b> P O #		Client Contact					
Project Manager: <b>Jeff Ramsey</b> Tel/Email: <b>jeff.ramsey@trc.com</b>		Site Contact: <b>Jeff Ramsey</b> Lab Contact:					
Date: <b>6/24/21</b> Carrier: <b>FedEx</b>		COC No: <b>1</b> of <b>1</b> COCs					
Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:							
Sample Specific Notes:							
 320-75640 Chain of Custody							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)
SW-01-A-20210629	6/29/21	1035	G	W	3	N	PPAS (PC-104-W1)
SW-01-B-20210629	6/29/21	1215	G	W	3	N	TSS (2540D)
DUP-02-20210629	6/29/21	-	G	W	2	N	
FB-04-20210629	6/29/21	1230	G	W	2	N	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <b>154801</b>		Cooler Temp. (°C): <b>20</b>		Obs'd: <b>20</b>	
Relinquished by: 		Company: <b>JLL</b>		Received by: 		Company: <b>ETASAC</b>	
Relinquished by:		Date/Time: <b>6/29/21 1700</b>		Received by:		Date/Time: <b>6-30-21 / 10:00</b>	
Relinquished by:		Date/Time:		Received in Laboratory by:		Date/Time:	





# Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 320-75640-1

**Login Number: 75640**

**List Source: Eurofins TestAmerica, Sacramento**

**List Number: 1**

**Creator: Oropeza, Salvador**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1541800/1541801
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	