

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (R 05/21)

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Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Public Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (**check one**):

- Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility
- Other - Describe: Recycling and Waste Management Company

ATTN DNR: **R & R Program Associate**

Date DNR Notified: 05/20/2021

1. Discharge Reported By

Name Anthony Miller	Firm Gannett Fleming, Inc.	Phone Number (include area code) (608) 327-5050
Mailing Address 8040 Excelsior Drive, Suite #303, Madison, WI 53717	Email awmiller@gfnet.com	

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

WRR Environmental Services, Co., Inc.

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

5200 Ryder Road, Eau Claire, WI 54701

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

Washington Township

County Eau Claire	Legal Description: SE ¼ of SW ¼ Section 3, Town 26 N, Range 09 <input type="radio"/> E <input checked="" type="radio"/> W	WTM: X Y
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3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

James L. Hager - CEO WRR Environmental

A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review [DNR publication RR-055](#); and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using [DNR Form 4400-237](#).

Contact Person Name (if different) Bob Fuller - WRR Environmental	Phone Number (715) 852-1605	Email bfuller@WRRES.com		
Mailing Address 5200 Ryder Road	City Eau Claire	State WI	ZIP Code 54701	

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email		
Mailing Address	City	State	ZIP Code	

(continued)

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Anthony Miller Gannett Fleming, Inc.

Form 4400-225 (R 05/21)

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4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- | | | |
|--|---|---|
| <input type="checkbox"/> VOCs | (VOCs continued) | <input type="checkbox"/> Metals |
| <input type="checkbox"/> PCE | <input type="checkbox"/> Mineral Oil | <input type="checkbox"/> Arsenic |
| <input type="checkbox"/> TCE | <input type="checkbox"/> Waste Oil | <input type="checkbox"/> Chromium |
| <input type="checkbox"/> Other Chlorinated | <input type="checkbox"/> Petroleum-Unknown Type | <input type="checkbox"/> Lead |
| <input type="checkbox"/> Diesel | <input type="checkbox"/> 1,4-dioxane | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Fuel Oil | <input type="checkbox"/> PAHs | <input type="checkbox"/> Pesticides: _____ |
| <input type="checkbox"/> Gasoline | <input type="checkbox"/> PCBs | <input type="checkbox"/> Fertilizer: _____ |
| <input type="checkbox"/> Hydraulic Oil | <input type="checkbox"/> Cyanide | <input type="checkbox"/> RCRA Hazardous Waste: _____ |
| <input type="checkbox"/> Jet Fuel | <input type="checkbox"/> Leachate | <input checked="" type="checkbox"/> Other: Per- & polyfluoroalkyl substances (PFAS) |
| | <input type="checkbox"/> Manure | <input type="checkbox"/> Unknown |

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- | | | |
|--|---|---|
| <input type="checkbox"/> Air Contamination | <input type="checkbox"/> Fire Explosion Threat | <input type="checkbox"/> Soil Contamination |
| <input checked="" type="checkbox"/> Co-mingled (Petroleum & Non-Petroleum) | <input type="checkbox"/> Free Product | <input type="checkbox"/> Soil Gas Contamination |
| <input type="checkbox"/> Contamination in Fractured Bedrock | <input checked="" type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Sub-slab Vapor Contamination |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input checked="" type="checkbox"/> Off-Site Contamination | <input checked="" type="checkbox"/> Surface Water Contamination |
| <input type="checkbox"/> Contaminated Private Well | <input type="checkbox"/> Sanitary Sewer Contamination | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Public Well | <input type="checkbox"/> Storm Sewer Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contamination in Right of Way | <input type="checkbox"/> Sediment Contamination | |
| | Other (specify): _____ | |

Contamination was discovered as a result of:

- | | | |
|--|--|---|
| <input type="checkbox"/> Tank closure assessment | <input type="checkbox"/> Site assessment | <input checked="" type="checkbox"/> Other - Describe: Analysis of surface and groundwater samples |
| Date <input type="text"/> | Date <input type="text"/> | Date <input type="text" value="04/30/2021"/> |

Lab results: Lab results will be faxed upon receipt Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

PFAS were detected in groundwater and surface water samples as a result of sampling completed pursuant to the WDNR's August 17, 2020, letter regarding evaluation of emerging contaminants during the site investigation process. Groundwater recovery wells are operating in area where PFAS were detected.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

- | | Source | Cause |
|--|--|--|
| For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information: | <input type="checkbox"/> Tank | <input type="checkbox"/> Spill |
| | <input type="checkbox"/> Piping | <input type="checkbox"/> Overfill |
| | <input type="checkbox"/> Dispenser | <input type="checkbox"/> Corrosion |
| | <input type="checkbox"/> Submersible Turbine Pump | <input type="checkbox"/> Physical or Mechanical Damage |
| | <input type="checkbox"/> Delivery Problem | <input type="checkbox"/> Installation Problem |
| <input checked="" type="checkbox"/> Does not apply. | <input type="checkbox"/> Other (does not fit any of above) | <input type="checkbox"/> Unknown |
| | <input type="checkbox"/> Other (specify): _____ | |

Submit this completed form along with any associate lab results using the RR Program Submittal Portal, found on the DNR website at <https://dnr.wisconsin.gov/topic/Brownfields/Submittal.html>.

If you have any questions, please contact the appropriate regional Environmental Program Associate (EPA) listed under the "EPAs" tab at <https://dnr.wisconsin.gov/topic/Brownfields/Contact.html>.

ANALYTICAL REPORT

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

Laboratory Job ID: 320-72517-1
Client Project/Site: WRR 55929.007

For:
Gannett Fleming
8040 Excelsior Dr
Suite 303
Madison, Wisconsin 53717-1338

Attn: Marcus Mussey



Authorized for release by:
4/30/2021 11:24:44 AM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Qualifiers

LCMS

Qualifier	Qualifier Description
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: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Job ID: 320-72517-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-72517-1

Comments

For this test report the "RL" or "Reporting Limit" is equivalent to the WIDNR "minimum Reporting Level"

As per Eurofins TestAmerica standard practice the MDL and RL associated with each result have been adjusted for dilution factor other than one, variations in sample size, and percent moisture, as appropriate to the sample.

Receipt

The samples were received on 4/16/2021 10:10 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 1.5° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): ADSORP. POND (320-72517-9). The container labels listed incorrect. Sample #9- Client label did not have IDs and date/time listed while the COC is listed as ADSORP.POND. Sample was identified as ADSRP-POND as all other samples listed on CoC were accounted for. Logged in according to the COC.

LCMS

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analytes were outside of the established ratio limits. The qualitative identification of the analytes have some degree of uncertainty, and the reported values may have some high bias. However, analyst judgment was used to positively identify the analytes.

Method 537 (modified): Results for samples TS INF (320-72517-1), AR EFF (320-72517-3), RW-6 (320-72517-5), RW-11 (320-72517-6), RW-12 (320-72517-7) and ADSORP. POND (320-72517-9) 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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-482352.

Method 3535: The following samples contained a thin layer of sediment at the bottom of the bottle prior to extraction: TS INF (320-72517-1), NON TS EFF (320-72517-2), RW-11 (320-72517-6) and AS-1 (320-72517-8).

Method 3535: The following samples contained floating particulates in the sample bottle prior to extraction: AR EFF (320-72517-3), RW-6 (320-72517-5), RW-12 (320-72517-7) and ADSORP. POND (320-72517-9).

Method 3535: During the solid phase extraction process, the following sample contain non-settable particulates which clogged the solid phase extraction column: AS-1 (320-72517-8).

Method 3535: The following sample was light yellow after extraction/final volume: ADSORP. POND (320-72517-9).

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

Detection Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: TS INF

Lab Sample ID: 320-72517-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	18		2.0	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	3.9		2.0	0.30	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	250		2.0	0.29	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	62	I	2.0	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	2.9		2.0	0.96	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	1.9	J	4.9	1.2	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	4.8	J	4.9	1.3	ng/L	1		537 (modified)	Total/NA
4:2 FTS	5.2		2.0	0.24	ng/L	1		537 (modified)	Total/NA
6:2 FTS	150		4.9	2.4	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	1.6	J	3.9	1.5	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	3000		98	47	ng/L	20		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1900		39	9.6	ng/L	20		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	4900		39	11	ng/L	20		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	1600		39	4.9	ng/L	20		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	2700		39	17	ng/L	20		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	1100		39	3.9	ng/L	20		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	820		39	11	ng/L	20		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1200	I	39	11	ng/L	20		537 (modified)	Total/NA

Client Sample ID: NON TS EFF

Lab Sample ID: 320-72517-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	140		4.7	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	180		1.9	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	190		1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	57		1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	120		1.9	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.7		1.9	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.5	J	1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	71		1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	11		1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	94		1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	5.2		1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	180		1.9	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	1.4	J	1.9	0.92	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	1.5	J	4.7	1.1	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	4.3	J	4.7	1.2	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.30	J	1.9	0.22	ng/L	1		537 (modified)	Total/NA
6:2 FTS	56		4.7	2.3	ng/L	1		537 (modified)	Total/NA
8:2 FTS	1.5	J	1.9	0.43	ng/L	1		537 (modified)	Total/NA

Client Sample ID: AR EFF

Lab Sample ID: 320-72517-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	330		1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	5.1		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.6	J	1.9	0.30	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: AR EFF (Continued)

Lab Sample ID: 320-72517-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	340		1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	76		1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	240		1.9	0.55	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	9.4	I	1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	290	I	1.9	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	8.2		1.9	0.94	ng/L	1		537 (modified)	Total/NA
NMeFOSA	2.2		1.9	0.41	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	7.7		4.8	1.2	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	3.5	J	4.8	1.3	ng/L	1		537 (modified)	Total/NA
4:2 FTS	1.6	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
6:2 FTS	230		4.8	2.4	ng/L	1		537 (modified)	Total/NA
8:2 FTS	1.7	J	1.9	0.44	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	1.6	J	3.8	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	1300		48	23	ng/L	10		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	730		19	4.7	ng/L	10		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1300		19	5.6	ng/L	10		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	600		19	8.2	ng/L	10		537 (modified)	Total/NA

Client Sample ID: PW-1

Lab Sample ID: 320-72517-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	7.9		4.9	2.3	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.3		1.9	0.48	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.6		1.9	0.57	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.1	J	1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.0		1.9	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	5.0		1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1.0	J	1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	15		1.9	0.56	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	2.1		1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	24		1.9	0.53	ng/L	1		537 (modified)	Total/NA

Client Sample ID: RW-6

Lab Sample ID: 320-72517-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	27		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.97	J	1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	63	I	1.9	0.18	ng/L	1		537 (modified)	Total/NA
4:2 FTS	1.4	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
6:2 FTS	160		4.7	2.4	ng/L	1		537 (modified)	Total/NA
8:2 FTS	3.1		1.9	0.44	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	2.7	J	3.8	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	6300		470	230	ng/L	100		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	3300		190	46	ng/L	100		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	3600		190	55	ng/L	100		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	780		190	24	ng/L	100		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	2500		190	81	ng/L	100		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-6 (Continued)

Lab Sample ID: 320-72517-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS) - DL	1400		190	19	ng/L	100		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS) - DL	440		190	28	ng/L	100		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	1000		190	54	ng/L	100		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1300	I	190	51	ng/L	100		537 (modified)	Total/NA

Client Sample ID: RW-11

Lab Sample ID: 320-72517-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	29		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	20		1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.8	J	1.9	1.0	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	120		1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	40		1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorononanesulfonic acid (PFNS)	1.3	J I	1.9	0.35	ng/L	1		537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	1.3	J I	1.9	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	55		1.9	0.93	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	37		4.7	1.1	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	120		4.7	1.2	ng/L	1		537 (modified)	Total/NA
NEtFOSE	2.7		1.9	0.80	ng/L	1		537 (modified)	Total/NA
4:2 FTS	2.2	I	1.9	0.23	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	2.2	J	3.8	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	940		47	23	ng/L	10		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1200		19	4.6	ng/L	10		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1500		19	5.5	ng/L	10		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	480		19	2.4	ng/L	10		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	1100		19	8.0	ng/L	10		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	600		19	1.9	ng/L	10		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	620		19	5.4	ng/L	10		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	2300		19	5.1	ng/L	10		537 (modified)	Total/NA
6:2 FTS - DL	520		47	24	ng/L	10		537 (modified)	Total/NA
8:2 FTS - DL	22		19	4.3	ng/L	10		537 (modified)	Total/NA

Client Sample ID: RW-12

Lab Sample ID: 320-72517-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorononanoic acid (PFNA)	23		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	7.2		1.9	0.30	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	240	I	1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	96	I	1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	4.1		1.9	0.93	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	3.2	J	4.8	1.1	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	16		4.8	1.2	ng/L	1		537 (modified)	Total/NA
4:2 FTS	8.5		1.9	0.23	ng/L	1		537 (modified)	Total/NA
6:2 FTS	180		4.8	2.4	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-12 (Continued)

Lab Sample ID: 320-72517-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
8:2 FTS	12		1.9	0.44	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	1.6	J	3.8	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	2300		480	230	ng/L	100		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1600		190	47	ng/L	100		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	5300		190	55	ng/L	100		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA) - DL	2600		190	24	ng/L	100		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	3800		190	81	ng/L	100		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	1200		190	19	ng/L	100		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS) - DL	1100		190	54	ng/L	100		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1600	I	190	51	ng/L	100		537 (modified)	Total/NA

Client Sample ID: AS-1

Lab Sample ID: 320-72517-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	150		1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	310		1.9	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	22		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	29		1.9	0.30	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.9		1.9	1.1	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	42		1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	350		1.9	0.55	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	16		1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorononanesulfonic acid (PFNS)	1.8	J I	1.9	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	72		1.9	0.95	ng/L	1		537 (modified)	Total/NA
NEtFOSA	34		1.9	0.85	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	16		4.9	1.2	ng/L	1		537 (modified)	Total/NA
4:2 FTS	0.62	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
6:2 FTS	200		4.9	2.4	ng/L	1		537 (modified)	Total/NA
8:2 FTS	20		1.9	0.45	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	1.6	J	3.9	1.5	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	620		97	47	ng/L	20		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	1000		39	9.5	ng/L	20		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	500		39	11	ng/L	20		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	4400		39	3.9	ng/L	20		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	1400	I	39	11	ng/L	20		537 (modified)	Total/NA
NEtFOSAA - DL	710		97	25	ng/L	20		537 (modified)	Total/NA

Client Sample ID: ADSORP. POND

Lab Sample ID: 320-72517-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	340		1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	6.8		1.9	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.8	J	1.9	0.30	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	80		1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	250		1.9	0.54	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins TestAmerica, Sacramento

Detection Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: ADSORP. POND (Continued)

Lab Sample ID: 320-72517-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanesulfonic Acid (PFHpS)	12	I	1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	310	I	1.9	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.88	J	1.9	0.31	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	5.4		1.9	0.94	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	2.3	J	4.8	1.1	ng/L	1		537 (modified)	Total/NA
NEtFOSAA	2.1	J	4.8	1.2	ng/L	1		537 (modified)	Total/NA
4:2 FTS	1.7	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
6:2 FTS	140		4.8	2.4	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.47	J	1.9	0.44	ng/L	1		537 (modified)	Total/NA
HFPO-DA (GenX)	1.7	J	3.8	1.4	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	1300		48	23	ng/L	10		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA) - DL	780		19	4.7	ng/L	10		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA) - DL	1400		19	5.5	ng/L	10		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	640		19	8.1	ng/L	10		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS) - DL	310		19	1.9	ng/L	10		537 (modified)	Total/NA

Client Sample ID: EQUIP. BLANK

Lab Sample ID: 320-72517-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	1.1	J	1.9	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.7	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.42	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.29	J	1.9	0.29	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FIELD BLANK

Lab Sample ID: 320-72517-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.75	J	1.9	0.47	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.1	J	1.9	0.56	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: TS INF

Lab Sample ID: 320-72517-1

Date Collected: 04/15/21 10:30

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	18		2.0	0.26	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorodecanoic acid (PFDA)	3.9		2.0	0.30	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.71	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluoropentanesulfonic acid (PFPeS)	250		2.0	0.29	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	62 I		2.0	0.19	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.36	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.95	ng/L		04/23/21 04:45	04/25/21 20:20	1
Perfluorooctanesulfonamide (FOSA)	2.9		2.0	0.96	ng/L		04/23/21 04:45	04/25/21 20:20	1
NEtFOSA	ND		2.0	0.85	ng/L		04/23/21 04:45	04/25/21 20:20	1
NMeFOSA	ND		2.0	0.42	ng/L		04/23/21 04:45	04/25/21 20:20	1
NMeFOSAA	1.9 J		4.9	1.2	ng/L		04/23/21 04:45	04/25/21 20:20	1
NEtFOSAA	4.8 J		4.9	1.3	ng/L		04/23/21 04:45	04/25/21 20:20	1
NMeFOSE	ND		3.9	1.4	ng/L		04/23/21 04:45	04/25/21 20:20	1
NEtFOSE	ND		2.0	0.83	ng/L		04/23/21 04:45	04/25/21 20:20	1
4:2 FTS	5.2		2.0	0.24	ng/L		04/23/21 04:45	04/25/21 20:20	1
6:2 FTS	150		4.9	2.4	ng/L		04/23/21 04:45	04/25/21 20:20	1
DONA	ND		2.0	0.39	ng/L		04/23/21 04:45	04/25/21 20:20	1
HFPO-DA (GenX)	1.6 J		3.9	1.5	ng/L		04/23/21 04:45	04/25/21 20:20	1
F-53B Major	ND		2.0	0.24	ng/L		04/23/21 04:45	04/25/21 20:20	1
F-53B Minor	ND		2.0	0.31	ng/L		04/23/21 04:45	04/25/21 20:20	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	108		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C2 PFDA	125		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C2 PFUnA	121		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C2 PFDoA	98		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C2 PFTeDA	123		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C3 PFBS	105		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C4 PFOS	114		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C8 FOSA	136		10 - 150	04/23/21 04:45	04/25/21 20:20	1
d3-NMeFOSAA	102		25 - 150	04/23/21 04:45	04/25/21 20:20	1
d5-NEtFOSAA	129		25 - 150	04/23/21 04:45	04/25/21 20:20	1
d-N-MeFOSA-M	104		10 - 150	04/23/21 04:45	04/25/21 20:20	1
d-N-EtFOSA-M	99		10 - 150	04/23/21 04:45	04/25/21 20:20	1
d7-N-MeFOSE-M	113		10 - 150	04/23/21 04:45	04/25/21 20:20	1
d9-N-EtFOSE-M	102		10 - 150	04/23/21 04:45	04/25/21 20:20	1
M2-4:2 FTS	122		25 - 150	04/23/21 04:45	04/25/21 20:20	1
M2-6:2 FTS	145		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C3 HFPO-DA	121		25 - 150	04/23/21 04:45	04/25/21 20:20	1
13C2 10:2 FTS	124		25 - 150	04/23/21 04:45	04/25/21 20:20	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: TS INF

Lab Sample ID: 320-72517-1

Date Collected: 04/15/21 10:30

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3000		98	47	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluoropentanoic acid (PFPeA)	1900		39	9.6	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluorohexanoic acid (PFHxA)	4900		39	11	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluoroheptanoic acid (PFHpA)	1600		39	4.9	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluorooctanoic acid (PFOA)	2700		39	17	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluorobutanesulfonic acid (PFBS)	1100		39	3.9	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluorohexanesulfonic acid (PFHxS)	820		39	11	ng/L		04/23/21 04:45	04/26/21 20:29	20
Perfluorooctanesulfonic acid (PFOS)	1200	I	39	11	ng/L		04/23/21 04:45	04/26/21 20:29	20
8:2 FTS	ND		39	9.0	ng/L		04/23/21 04:45	04/26/21 20:29	20
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C5 PFPeA	83		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C2 PFHxA	92		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C4 PFHpA	96		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C4 PFOA	91		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C3 PFBS	96		25 - 150				04/23/21 04:45	04/26/21 20:29	20
18O2 PFHxS	96		25 - 150				04/23/21 04:45	04/26/21 20:29	20
13C4 PFOS	101		25 - 150				04/23/21 04:45	04/26/21 20:29	20
M2-8:2 FTS	91		25 - 150				04/23/21 04:45	04/26/21 20:29	20

Client Sample ID: NON TS EFF

Lab Sample ID: 320-72517-2

Date Collected: 04/15/21 10:25

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	140		4.7	2.2	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluoropentanoic acid (PFPeA)	180		1.9	0.46	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorohexanoic acid (PFHxA)	190		1.9	0.54	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluoroheptanoic acid (PFHpA)	57		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorooctanoic acid (PFOA)	120		1.9	0.80	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorononanoic acid (PFNA)	2.7		1.9	0.25	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorodecanoic acid (PFDA)	1.5	J	1.9	0.29	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.51	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.68	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorobutanesulfonic acid (PFBS)	71		1.9	0.19	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluoropentanesulfonic acid (PFPeS)	11		1.9	0.28	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorohexanesulfonic acid (PFHxS)	94		1.9	0.53	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	5.2		1.9	0.18	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorooctanesulfonic acid (PFOS)	180		1.9	0.51	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.35	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 20:29	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: NON TS EFF

Lab Sample ID: 320-72517-2

Date Collected: 04/15/21 10:25

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.91	ng/L		04/23/21 04:45	04/25/21 20:29	1
Perfluorooctanesulfonamide (FOSA)	1.4	J	1.9	0.92	ng/L		04/23/21 04:45	04/25/21 20:29	1
NEtFOSA	ND		1.9	0.81	ng/L		04/23/21 04:45	04/25/21 20:29	1
NMeFOSA	ND		1.9	0.40	ng/L		04/23/21 04:45	04/25/21 20:29	1
NMeFOSAA	1.5	J	4.7	1.1	ng/L		04/23/21 04:45	04/25/21 20:29	1
NEtFOSAA	4.3	J	4.7	1.2	ng/L		04/23/21 04:45	04/25/21 20:29	1
NMeFOSE	ND		3.7	1.3	ng/L		04/23/21 04:45	04/25/21 20:29	1
NEtFOSE	ND		1.9	0.80	ng/L		04/23/21 04:45	04/25/21 20:29	1
4:2 FTS	0.30	J	1.9	0.22	ng/L		04/23/21 04:45	04/25/21 20:29	1
6:2 FTS	56		4.7	2.3	ng/L		04/23/21 04:45	04/25/21 20:29	1
8:2 FTS	1.5	J	1.9	0.43	ng/L		04/23/21 04:45	04/25/21 20:29	1
DONA	ND		1.9	0.37	ng/L		04/23/21 04:45	04/25/21 20:29	1
HFPO-DA (GenX)	ND		3.7	1.4	ng/L		04/23/21 04:45	04/25/21 20:29	1
F-53B Major	ND		1.9	0.22	ng/L		04/23/21 04:45	04/25/21 20:29	1
F-53B Minor	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 20:29	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	75		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C5 PFPeA	64		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 PFHxA	69		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C4 PFHpA	97		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C4 PFOA	98		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C5 PFNA	101		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 PFDA	102		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 PFUnA	102		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 PFDoA	96		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 PFTeDA	89		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C3 PFBS	136		25 - 150				04/23/21 04:45	04/25/21 20:29	1
18O2 PFHxS	99		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C4 PFOS	97		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C8 FOSA	105		10 - 150				04/23/21 04:45	04/25/21 20:29	1
d3-NMeFOSAA	115		25 - 150				04/23/21 04:45	04/25/21 20:29	1
d5-NEtFOSAA	129		25 - 150				04/23/21 04:45	04/25/21 20:29	1
d-N-MeFOSA-M	92		10 - 150				04/23/21 04:45	04/25/21 20:29	1
d-N-EtFOSA-M	87		10 - 150				04/23/21 04:45	04/25/21 20:29	1
d7-N-MeFOSE-M	81		10 - 150				04/23/21 04:45	04/25/21 20:29	1
d9-N-EtFOSE-M	80		10 - 150				04/23/21 04:45	04/25/21 20:29	1
M2-4:2 FTS	149		25 - 150				04/23/21 04:45	04/25/21 20:29	1
M2-6:2 FTS	111		25 - 150				04/23/21 04:45	04/25/21 20:29	1
M2-8:2 FTS	139		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C3 HFPO-DA	90		25 - 150				04/23/21 04:45	04/25/21 20:29	1
13C2 10:2 FTS	119		25 - 150				04/23/21 04:45	04/25/21 20:29	1

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: AR EFF

Lab Sample ID: 320-72517-3

Date Collected: 04/15/21 10:45

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	330		1.9	0.24	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorononanoic acid (PFNA)	5.1		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorodecanoic acid (PFDA)	1.6	J	1.9	0.30	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.53	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.3	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.70	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorobutanesulfonic acid (PFBS)	340		1.9	0.19	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluoropentanesulfonic acid (PFPeS)	76		1.9	0.29	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorohexanesulfonic acid (PFHxS)	240		1.9	0.55	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	9.4	I	1.9	0.18	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorooctanesulfonic acid (PFOS)	290	I	1.9	0.52	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.36	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.93	ng/L		04/23/21 04:45	04/25/21 20:38	1
Perfluorooctanesulfonamide (FOSA)	8.2		1.9	0.94	ng/L		04/23/21 04:45	04/25/21 20:38	1
NEtFOSA	ND		1.9	0.84	ng/L		04/23/21 04:45	04/25/21 20:38	1
NMeFOSA	2.2		1.9	0.41	ng/L		04/23/21 04:45	04/25/21 20:38	1
NMeFOSAA	7.7		4.8	1.2	ng/L		04/23/21 04:45	04/25/21 20:38	1
NEtFOSAA	3.5	J	4.8	1.3	ng/L		04/23/21 04:45	04/25/21 20:38	1
NMeFOSE	ND		3.8	1.3	ng/L		04/23/21 04:45	04/25/21 20:38	1
NEtFOSE	ND		1.9	0.82	ng/L		04/23/21 04:45	04/25/21 20:38	1
4:2 FTS	1.6	J	1.9	0.23	ng/L		04/23/21 04:45	04/25/21 20:38	1
6:2 FTS	230		4.8	2.4	ng/L		04/23/21 04:45	04/25/21 20:38	1
8:2 FTS	1.7	J	1.9	0.44	ng/L		04/23/21 04:45	04/25/21 20:38	1
DONA	ND		1.9	0.38	ng/L		04/23/21 04:45	04/25/21 20:38	1
HFPO-DA (GenX)	1.6	J	3.8	1.4	ng/L		04/23/21 04:45	04/25/21 20:38	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 20:38	1
F-53B Minor	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 20:38	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	93		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C5 PFNA	109		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C2 PFDA	100		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C2 PFUnA	103		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C2 PFDoA	101		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C2 PFTeDA	89		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C3 PFBS	104		25 - 150	04/23/21 04:45	04/25/21 20:38	1
18O2 PFHxS	101		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C4 PFOS	105		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C8 FOSA	119		10 - 150	04/23/21 04:45	04/25/21 20:38	1
d3-NMeFOSAA	108		25 - 150	04/23/21 04:45	04/25/21 20:38	1
d5-NEtFOSAA	128		25 - 150	04/23/21 04:45	04/25/21 20:38	1
d-N-MeFOSA-M	89		10 - 150	04/23/21 04:45	04/25/21 20:38	1
d-N-EtFOSA-M	84		10 - 150	04/23/21 04:45	04/25/21 20:38	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: AR EFF

Lab Sample ID: 320-72517-3

Date Collected: 04/15/21 10:45

Matrix: Water

Date Received: 04/16/21 10:10

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d7-N-MeFOSE-M	87		10 - 150	04/23/21 04:45	04/25/21 20:38	1
d9-N-EtFOSE-M	84		10 - 150	04/23/21 04:45	04/25/21 20:38	1
M2-4:2 FTS	93		25 - 150	04/23/21 04:45	04/25/21 20:38	1
M2-6:2 FTS	104		25 - 150	04/23/21 04:45	04/25/21 20:38	1
M2-8:2 FTS	124		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C3 HFPO-DA	100		25 - 150	04/23/21 04:45	04/25/21 20:38	1
13C2 10:2 FTS	124		25 - 150	04/23/21 04:45	04/25/21 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1300		48	23	ng/L		04/23/21 04:45	04/26/21 20:39	10
Perfluoropentanoic acid (PFPeA)	730		19	4.7	ng/L		04/23/21 04:45	04/26/21 20:39	10
Perfluorohexanoic acid (PFHxA)	1300		19	5.6	ng/L		04/23/21 04:45	04/26/21 20:39	10
Perfluorooctanoic acid (PFOA)	600		19	8.2	ng/L		04/23/21 04:45	04/26/21 20:39	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	04/23/21 04:45	04/26/21 20:39	10
13C5 PFPeA	92		25 - 150	04/23/21 04:45	04/26/21 20:39	10
13C2 PFHxA	94		25 - 150	04/23/21 04:45	04/26/21 20:39	10
13C4 PFOA	100		25 - 150	04/23/21 04:45	04/26/21 20:39	10

Client Sample ID: PW-1

Lab Sample ID: 320-72517-4

Date Collected: 04/15/21 11:00

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	7.9		4.9	2.3	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluoropentanoic acid (PFPeA)	3.3		1.9	0.48	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorohexanoic acid (PFHxA)	4.6		1.9	0.57	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluoroheptanoic acid (PFHpA)	1.1 J		1.9	0.24	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorooctanoic acid (PFOA)	5.0		1.9	0.83	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.26	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.54	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.3	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.71	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorobutanesulfonic acid (PFBS)	5.0		1.9	0.19	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluoropentanesulfonic acid (PFPeS)	1.0 J		1.9	0.29	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorohexanesulfonic acid (PFHxS)	15		1.9	0.56	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluoroheptanesulfonic acid (PFHpS)	2.1		1.9	0.19	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorooctanesulfonic acid (PFOS)	24		1.9	0.53	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.36	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		04/23/21 04:45	04/26/21 20:11	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.95	ng/L		04/23/21 04:45	04/26/21 20:11	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: PW-1
Date Collected: 04/15/21 11:00
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.96	ng/L		04/23/21 04:45	04/26/21 20:11	1
NEtFOSA	ND		1.9	0.85	ng/L		04/23/21 04:45	04/26/21 20:11	1
NMeFOSA	ND		1.9	0.42	ng/L		04/23/21 04:45	04/26/21 20:11	1
NMeFOSAA	ND		4.9	1.2	ng/L		04/23/21 04:45	04/26/21 20:11	1
NEtFOSAA	ND		4.9	1.3	ng/L		04/23/21 04:45	04/26/21 20:11	1
NMeFOSE	ND		3.9	1.4	ng/L		04/23/21 04:45	04/26/21 20:11	1
NEtFOSE	ND		1.9	0.83	ng/L		04/23/21 04:45	04/26/21 20:11	1
4:2 FTS	ND		1.9	0.23	ng/L		04/23/21 04:45	04/26/21 20:11	1
6:2 FTS	ND		4.9	2.4	ng/L		04/23/21 04:45	04/26/21 20:11	1
8:2 FTS	ND		1.9	0.45	ng/L		04/23/21 04:45	04/26/21 20:11	1
DONA	ND		1.9	0.39	ng/L		04/23/21 04:45	04/26/21 20:11	1
HFPO-DA (GenX)	ND		3.9	1.5	ng/L		04/23/21 04:45	04/26/21 20:11	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/26/21 20:11	1
F-53B Minor	ND		1.9	0.31	ng/L		04/23/21 04:45	04/26/21 20:11	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C5 PFPeA	97		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 PFHxA	93		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C4 PFHpA	100		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C4 PFOA	100		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C5 PFNA	102		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 PFDA	100		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 PFUnA	106		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 PFDoA	103		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 PFTeDA	97		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C3 PFBS	95		25 - 150				04/23/21 04:45	04/26/21 20:11	1
18O2 PFHxS	95		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C4 PFOS	107		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C8 FOSA	123		10 - 150				04/23/21 04:45	04/26/21 20:11	1
d3-NMeFOSAA	113		25 - 150				04/23/21 04:45	04/26/21 20:11	1
d5-NEtFOSAA	119		25 - 150				04/23/21 04:45	04/26/21 20:11	1
d-N-MeFOSA-M	96		10 - 150				04/23/21 04:45	04/26/21 20:11	1
d-N-EtFOSA-M	92		10 - 150				04/23/21 04:45	04/26/21 20:11	1
d7-N-MeFOSE-M	102		10 - 150				04/23/21 04:45	04/26/21 20:11	1
d9-N-EtFOSE-M	101		10 - 150				04/23/21 04:45	04/26/21 20:11	1
M2-4:2 FTS	71		25 - 150				04/23/21 04:45	04/26/21 20:11	1
M2-6:2 FTS	83		25 - 150				04/23/21 04:45	04/26/21 20:11	1
M2-8:2 FTS	92		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C3 HFPO-DA	98		25 - 150				04/23/21 04:45	04/26/21 20:11	1
13C2 10:2 FTS	86		25 - 150				04/23/21 04:45	04/26/21 20:11	1

Client Sample ID: RW-6
Date Collected: 04/15/21 10:40
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-5
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	27		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorodecanoic acid (PFDA)	0.97	J	1.9	0.29	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		04/23/21 04:45	04/25/21 20:56	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-6
Date Collected: 04/15/21 10:40
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorotridecanoic acid (PFTrIA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.69	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluoroheptanesulfonic Acid (PFHpS)	63	I	1.9	0.18	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.35	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.92	ng/L		04/23/21 04:45	04/25/21 20:56	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.93	ng/L		04/23/21 04:45	04/25/21 20:56	1
NEtFOSA	ND		1.9	0.82	ng/L		04/23/21 04:45	04/25/21 20:56	1
NMeFOSA	ND		1.9	0.41	ng/L		04/23/21 04:45	04/25/21 20:56	1
NMeFOSAA	ND		4.7	1.1	ng/L		04/23/21 04:45	04/25/21 20:56	1
NEtFOSAA	ND		4.7	1.2	ng/L		04/23/21 04:45	04/25/21 20:56	1
NMeFOSE	ND		3.8	1.3	ng/L		04/23/21 04:45	04/25/21 20:56	1
NEtFOSE	ND		1.9	0.81	ng/L		04/23/21 04:45	04/25/21 20:56	1
4:2 FTS	1.4	J	1.9	0.23	ng/L		04/23/21 04:45	04/25/21 20:56	1
6:2 FTS	160		4.7	2.4	ng/L		04/23/21 04:45	04/25/21 20:56	1
8:2 FTS	3.1		1.9	0.44	ng/L		04/23/21 04:45	04/25/21 20:56	1
DONA	ND		1.9	0.38	ng/L		04/23/21 04:45	04/25/21 20:56	1
HFPO-DA (GenX)	2.7	J	3.8	1.4	ng/L		04/23/21 04:45	04/25/21 20:56	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 20:56	1
F-53B Minor	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 20:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	105		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C2 PFDA	113		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C2 PFUnA	117		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C2 PFDoA	84		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C2 PFTeDA	26		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C3 PFBS	85		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C4 PFOS	67		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C8 FOSA	122		10 - 150	04/23/21 04:45	04/25/21 20:56	1
d3-NMeFOSAA	119		25 - 150	04/23/21 04:45	04/25/21 20:56	1
d5-NEtFOSAA	125		25 - 150	04/23/21 04:45	04/25/21 20:56	1
d-N-MeFOSA-M	84		10 - 150	04/23/21 04:45	04/25/21 20:56	1
d-N-EtFOSA-M	63		10 - 150	04/23/21 04:45	04/25/21 20:56	1
d7-N-MeFOSE-M	66		10 - 150	04/23/21 04:45	04/25/21 20:56	1
d9-N-EtFOSE-M	33		10 - 150	04/23/21 04:45	04/25/21 20:56	1
M2-4:2 FTS	107		25 - 150	04/23/21 04:45	04/25/21 20:56	1
M2-6:2 FTS	111		25 - 150	04/23/21 04:45	04/25/21 20:56	1
M2-8:2 FTS	131		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C3 HFPO-DA	109		25 - 150	04/23/21 04:45	04/25/21 20:56	1
13C2 10:2 FTS	77		25 - 150	04/23/21 04:45	04/25/21 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	6300		470	230	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluoropentanoic acid (PFPeA)	3300		190	46	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluorohexanoic acid (PFHxA)	3600		190	55	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluoroheptanoic acid (PFHpA)	780		190	24	ng/L		04/23/21 04:45	04/26/21 21:15	100

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-6

Lab Sample ID: 320-72517-5

Date Collected: 04/15/21 10:40

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	2500		190	81	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluorobutanesulfonic acid (PFBS)	1400		190	19	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluoropentanesulfonic acid (PFPeS)	440		190	28	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluorohexanesulfonic acid (PFHxS)	1000		190	54	ng/L		04/23/21 04:45	04/26/21 21:15	100
Perfluorooctanesulfonic acid (PFOS)	1300	I	190	51	ng/L		04/23/21 04:45	04/26/21 21:15	100
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	104		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C5 PFPeA	100		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C2 PFHxA	97		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C4 PFHpA	94		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C4 PFOA	91		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C3 PFBS	92		25 - 150				04/23/21 04:45	04/26/21 21:15	100
18O2 PFHxS	91		25 - 150				04/23/21 04:45	04/26/21 21:15	100
13C4 PFOS	56		25 - 150				04/23/21 04:45	04/26/21 21:15	100

Client Sample ID: RW-11

Lab Sample ID: 320-72517-6

Date Collected: 04/15/21 10:55

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	29		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorodecanoic acid (PFDA)	20		1.9	0.29	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluoroundecanoic acid (PFUnA)	1.8	J	1.9	1.0	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.69	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluoropentanesulfonic acid (PFPeS)	120		1.9	0.28	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	40		1.9	0.18	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorononanesulfonic acid (PFNS)	1.3	J I	1.9	0.35	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorodecanesulfonic acid (PFDS)	1.3	J I	1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.92	ng/L		04/23/21 04:45	04/25/21 21:06	1
Perfluorooctanesulfonamide (FOSA)	55		1.9	0.93	ng/L		04/23/21 04:45	04/25/21 21:06	1
NEtFOSA	ND		1.9	0.82	ng/L		04/23/21 04:45	04/25/21 21:06	1
NMeFOSA	ND		1.9	0.41	ng/L		04/23/21 04:45	04/25/21 21:06	1
NMeFOSAA	37		4.7	1.1	ng/L		04/23/21 04:45	04/25/21 21:06	1
NEtFOSAA	120		4.7	1.2	ng/L		04/23/21 04:45	04/25/21 21:06	1
NMeFOSE	ND		3.8	1.3	ng/L		04/23/21 04:45	04/25/21 21:06	1
NEtFOSE	2.7		1.9	0.80	ng/L		04/23/21 04:45	04/25/21 21:06	1
4:2 FTS	2.2	I	1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:06	1
DONA	ND		1.9	0.38	ng/L		04/23/21 04:45	04/25/21 21:06	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-11
Date Collected: 04/15/21 10:55
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HFPO-DA (GenX)	2.2	J	3.8	1.4	ng/L		04/23/21 04:45	04/25/21 21:06	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:06	1
F-53B Minor	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C5 PFNA	92		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C2 PFDA	125		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C2 PFUnA	102		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C2 PFDoA	79		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C2 PFTeDA	116		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C3 PFBS	101		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C4 PFOS	97		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C8 FOSA	124		10 - 150				04/23/21 04:45	04/25/21 21:06	1
d3-NMeFOSAA	96		25 - 150				04/23/21 04:45	04/25/21 21:06	1
d5-NEtFOSAA	92		25 - 150				04/23/21 04:45	04/25/21 21:06	1
d-N-MeFOSA-M	92		10 - 150				04/23/21 04:45	04/25/21 21:06	1
d-N-EtFOSA-M	75		10 - 150				04/23/21 04:45	04/25/21 21:06	1
d7-N-MeFOSE-M	92		10 - 150				04/23/21 04:45	04/25/21 21:06	1
d9-N-EtFOSE-M	87		10 - 150				04/23/21 04:45	04/25/21 21:06	1
M2-4:2 FTS	118		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C3 HFPO-DA	112		25 - 150				04/23/21 04:45	04/25/21 21:06	1
13C2 10:2 FTS	118		25 - 150				04/23/21 04:45	04/25/21 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	940		47	23	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluoropentanoic acid (PFPeA)	1200		19	4.6	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluorohexanoic acid (PFHxA)	1500		19	5.5	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluoroheptanoic acid (PFHpA)	480		19	2.4	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluorooctanoic acid (PFOA)	1100		19	8.0	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluorobutanesulfonic acid (PFBS)	600		19	1.9	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluorohexanesulfonic acid (PFHxS)	620		19	5.4	ng/L		04/23/21 04:45	04/26/21 20:48	10
Perfluorooctanesulfonic acid (PFOS)	2300		19	5.1	ng/L		04/23/21 04:45	04/26/21 20:48	10
6:2 FTS	520		47	24	ng/L		04/23/21 04:45	04/26/21 20:48	10
8:2 FTS	22		19	4.3	ng/L		04/23/21 04:45	04/26/21 20:48	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	79		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C5 PFPeA	85		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C2 PFHxA	91		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C4 PFHpA	96		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C4 PFOA	97		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C3 PFBS	93		25 - 150				04/23/21 04:45	04/26/21 20:48	10
18O2 PFHxS	97		25 - 150				04/23/21 04:45	04/26/21 20:48	10
13C4 PFOS	96		25 - 150				04/23/21 04:45	04/26/21 20:48	10
M2-6:2 FTS	123		25 - 150				04/23/21 04:45	04/26/21 20:48	10
M2-8:2 FTS	147		25 - 150				04/23/21 04:45	04/26/21 20:48	10

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-12

Lab Sample ID: 320-72517-7

Date Collected: 04/15/21 11:05

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	23		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorodecanoic acid (PFDA)	7.2		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.69	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluoropentanesulfonic acid (PFPeS)	240	I	1.9	0.29	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluoroheptanesulfonic Acid (PFHpS)	96	I	1.9	0.18	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.35	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.92	ng/L		04/23/21 04:45	04/25/21 21:15	1
Perfluorooctanesulfonamide (FOSA)	4.1		1.9	0.93	ng/L		04/23/21 04:45	04/25/21 21:15	1
NEtFOSA	ND		1.9	0.83	ng/L		04/23/21 04:45	04/25/21 21:15	1
NMeFOSA	ND		1.9	0.41	ng/L		04/23/21 04:45	04/25/21 21:15	1
NMeFOSAA	3.2	J	4.8	1.1	ng/L		04/23/21 04:45	04/25/21 21:15	1
NEtFOSAA	16		4.8	1.2	ng/L		04/23/21 04:45	04/25/21 21:15	1
NMeFOSE	ND		3.8	1.3	ng/L		04/23/21 04:45	04/25/21 21:15	1
NEtFOSE	ND		1.9	0.81	ng/L		04/23/21 04:45	04/25/21 21:15	1
4:2 FTS	8.5		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:15	1
6:2 FTS	180		4.8	2.4	ng/L		04/23/21 04:45	04/25/21 21:15	1
8:2 FTS	12		1.9	0.44	ng/L		04/23/21 04:45	04/25/21 21:15	1
DONA	ND		1.9	0.38	ng/L		04/23/21 04:45	04/25/21 21:15	1
HFPO-DA (GenX)	1.6	J	3.8	1.4	ng/L		04/23/21 04:45	04/25/21 21:15	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:15	1
F-53B Minor	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	116		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C2 PFDA	146		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C2 PFUnA	125		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C2 PFDoA	108		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C2 PFTeDA	138		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C3 PFBS	107		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C4 PFOS	122		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C8 FOSA	148		10 - 150	04/23/21 04:45	04/25/21 21:15	1
d3-NMeFOSAA	105		25 - 150	04/23/21 04:45	04/25/21 21:15	1
d5-NEtFOSAA	116		25 - 150	04/23/21 04:45	04/25/21 21:15	1
d-N-MeFOSA-M	118		10 - 150	04/23/21 04:45	04/25/21 21:15	1
d-N-EtFOSA-M	113		10 - 150	04/23/21 04:45	04/25/21 21:15	1
d7-N-MeFOSE-M	132		10 - 150	04/23/21 04:45	04/25/21 21:15	1
d9-N-EtFOSE-M	123		10 - 150	04/23/21 04:45	04/25/21 21:15	1
M2-4:2 FTS	124		25 - 150	04/23/21 04:45	04/25/21 21:15	1
M2-6:2 FTS	142		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C3 HFPO-DA	123		25 - 150	04/23/21 04:45	04/25/21 21:15	1
13C2 10:2 FTS	134		25 - 150	04/23/21 04:45	04/25/21 21:15	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-12
Date Collected: 04/15/21 11:05
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2300		480	230	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluoropentanoic acid (PFPeA)	1600		190	47	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluorohexanoic acid (PFHxA)	5300		190	55	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluoroheptanoic acid (PFHpA)	2600		190	24	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluorooctanoic acid (PFOA)	3800		190	81	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluorobutanesulfonic acid (PFBS)	1200		190	19	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluorohexanesulfonic acid (PFHxS)	1100		190	54	ng/L		04/23/21 04:45	04/26/21 21:24	100
Perfluorooctanesulfonic acid (PFOS)	1600	I	190	51	ng/L		04/23/21 04:45	04/26/21 21:24	100
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C5 PFPeA	95		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C2 PFHxA	115		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C4 PFHpA	94		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C4 PFOA	99		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C3 PFBS	101		25 - 150				04/23/21 04:45	04/26/21 21:24	100
18O2 PFHxS	100		25 - 150				04/23/21 04:45	04/26/21 21:24	100
13C4 PFOS	122		25 - 150				04/23/21 04:45	04/26/21 21:24	100
M2-8:2 FTS	83		25 - 150				04/23/21 04:45	04/26/21 21:24	100

Client Sample ID: AS-1
Date Collected: 04/15/21 11:30
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-8
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	150		1.9	0.24	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorooctanoic acid (PFOA)	310		1.9	0.83	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorononanoic acid (PFNA)	22		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorodecanoic acid (PFDA)	29		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluoroundecanoic acid (PFUnA)	1.9		1.9	1.1	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.54	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.3	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.71	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluoropentanesulfonic acid (PFPeS)	42		1.9	0.29	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorohexanesulfonic acid (PFHxS)	350		1.9	0.55	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	16		1.9	0.18	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorononanesulfonic acid (PFNS)	1.8	J I	1.9	0.36	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.94	ng/L		04/23/21 04:45	04/25/21 21:51	1
Perfluorooctanesulfonamide (FOSA)	72		1.9	0.95	ng/L		04/23/21 04:45	04/25/21 21:51	1
NEtFOSA	34		1.9	0.85	ng/L		04/23/21 04:45	04/25/21 21:51	1
NMeFOSA	ND		1.9	0.42	ng/L		04/23/21 04:45	04/25/21 21:51	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: AS-1

Lab Sample ID: 320-72517-8

Date Collected: 04/15/21 11:30

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSAA	16		4.9	1.2	ng/L		04/23/21 04:45	04/25/21 21:51	1
NMeFOSE	ND		3.9	1.4	ng/L		04/23/21 04:45	04/25/21 21:51	1
NEtFOSE	ND		1.9	0.83	ng/L		04/23/21 04:45	04/25/21 21:51	1
4:2 FTS	0.62	J	1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:51	1
6:2 FTS	200		4.9	2.4	ng/L		04/23/21 04:45	04/25/21 21:51	1
8:2 FTS	20		1.9	0.45	ng/L		04/23/21 04:45	04/25/21 21:51	1
DONA	ND		1.9	0.39	ng/L		04/23/21 04:45	04/25/21 21:51	1
HFPO-DA (GenX)	1.6	J	3.9	1.5	ng/L		04/23/21 04:45	04/25/21 21:51	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 21:51	1
F-53B Minor	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 21:51	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	48		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C4 PFOA	51		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C5 PFNA	51		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C2 PFDA	55		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C2 PFUnA	52		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C2 PFDoA	56		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C2 PFTeDA	42		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C3 PFBS	41		25 - 150	04/23/21 04:45	04/25/21 21:51	1
18O2 PFHxS	58		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C4 PFOS	56		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C8 FOSA	55		10 - 150	04/23/21 04:45	04/25/21 21:51	1
d3-NMeFOSAA	52		25 - 150	04/23/21 04:45	04/25/21 21:51	1
d-N-MeFOSA-M	41		10 - 150	04/23/21 04:45	04/25/21 21:51	1
d-N-EtFOSA-M	37		10 - 150	04/23/21 04:45	04/25/21 21:51	1
d7-N-MeFOSE-M	41		10 - 150	04/23/21 04:45	04/25/21 21:51	1
d9-N-EtFOSE-M	38		10 - 150	04/23/21 04:45	04/25/21 21:51	1
M2-4:2 FTS	71		25 - 150	04/23/21 04:45	04/25/21 21:51	1
M2-6:2 FTS	84		25 - 150	04/23/21 04:45	04/25/21 21:51	1
M2-8:2 FTS	95		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C3 HFPO-DA	54		25 - 150	04/23/21 04:45	04/25/21 21:51	1
13C2 10:2 FTS	74		25 - 150	04/23/21 04:45	04/25/21 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	620		97	47	ng/L		04/23/21 04:45	04/27/21 12:53	20
Perfluoropentanoic acid (PFPeA)	1000		39	9.5	ng/L		04/23/21 04:45	04/27/21 12:53	20
Perfluorohexanoic acid (PFHxA)	500		39	11	ng/L		04/23/21 04:45	04/27/21 12:53	20
Perfluorobutanesulfonic acid (PFBS)	4400		39	3.9	ng/L		04/23/21 04:45	04/27/21 12:53	20
Perfluorooctanesulfonic acid (PFOS)	1400	I	39	11	ng/L		04/23/21 04:45	04/27/21 12:53	20
NEtFOSAA	710		97	25	ng/L		04/23/21 04:45	04/27/21 12:53	20

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	47		25 - 150	04/23/21 04:45	04/27/21 12:53	20
13C5 PFPeA	48		25 - 150	04/23/21 04:45	04/27/21 12:53	20
13C2 PFHxA	48		25 - 150	04/23/21 04:45	04/27/21 12:53	20
13C3 PFBS	49		25 - 150	04/23/21 04:45	04/27/21 12:53	20
13C4 PFOS	51		25 - 150	04/23/21 04:45	04/27/21 12:53	20
d5-NEtFOSAA	61		25 - 150	04/23/21 04:45	04/27/21 12:53	20

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: ADSORP. POND

Lab Sample ID: 320-72517-9

Date Collected: 04/15/21 12:00

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	340		1.9	0.24	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorononanoic acid (PFNA)	6.8		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorodecanoic acid (PFDA)	1.8	J	1.9	0.30	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.53	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.70	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluoropentanesulfonic acid (PFPeS)	80		1.9	0.29	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorohexanesulfonic acid (PFHxS)	250		1.9	0.54	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	12	I	1.9	0.18	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorooctanesulfonic acid (PFOS)	310	I	1.9	0.52	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.35	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorodecanesulfonic acid (PFDS)	0.88	J	1.9	0.31	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.93	ng/L		04/23/21 04:45	04/25/21 22:00	1
Perfluorooctanesulfonamide (FOSA)	5.4		1.9	0.94	ng/L		04/23/21 04:45	04/25/21 22:00	1
NEtFOSA	ND		1.9	0.83	ng/L		04/23/21 04:45	04/25/21 22:00	1
NMeFOSA	ND		1.9	0.41	ng/L		04/23/21 04:45	04/25/21 22:00	1
NMeFOSAA	2.3	J	4.8	1.1	ng/L		04/23/21 04:45	04/25/21 22:00	1
NEtFOSAA	2.1	J	4.8	1.2	ng/L		04/23/21 04:45	04/25/21 22:00	1
NMeFOSE	ND		3.8	1.3	ng/L		04/23/21 04:45	04/25/21 22:00	1
NEtFOSE	ND		1.9	0.81	ng/L		04/23/21 04:45	04/25/21 22:00	1
4:2 FTS	1.7	J	1.9	0.23	ng/L		04/23/21 04:45	04/25/21 22:00	1
6:2 FTS	140		4.8	2.4	ng/L		04/23/21 04:45	04/25/21 22:00	1
8:2 FTS	0.47	J	1.9	0.44	ng/L		04/23/21 04:45	04/25/21 22:00	1
DONA	ND		1.9	0.38	ng/L		04/23/21 04:45	04/25/21 22:00	1
HFPO-DA (GenX)	1.7	J	3.8	1.4	ng/L		04/23/21 04:45	04/25/21 22:00	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 22:00	1
F-53B Minor	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 22:00	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	89		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C5 PFNA	97		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C2 PFDA	100		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C2 PFUnA	92		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C2 PFDoA	84		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C2 PFTeDA	71		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C3 PFBS	94		25 - 150	04/23/21 04:45	04/25/21 22:00	1
18O2 PFHxS	92		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C4 PFOS	90		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C8 FOSA	106		10 - 150	04/23/21 04:45	04/25/21 22:00	1
d3-NMeFOSAA	105		25 - 150	04/23/21 04:45	04/25/21 22:00	1
d5-NEtFOSAA	122		25 - 150	04/23/21 04:45	04/25/21 22:00	1
d-N-MeFOSA-M	76		10 - 150	04/23/21 04:45	04/25/21 22:00	1
d-N-EtFOSA-M	71		10 - 150	04/23/21 04:45	04/25/21 22:00	1
d7-N-MeFOSE-M	75		10 - 150	04/23/21 04:45	04/25/21 22:00	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: ADSORP. POND

Lab Sample ID: 320-72517-9

Date Collected: 04/15/21 12:00

Matrix: Water

Date Received: 04/16/21 10:10

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d9-N-EtFOSE-M	74		10 - 150	04/23/21 04:45	04/25/21 22:00	1
M2-4:2 FTS	86		25 - 150	04/23/21 04:45	04/25/21 22:00	1
M2-6:2 FTS	98		25 - 150	04/23/21 04:45	04/25/21 22:00	1
M2-8:2 FTS	114		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C3 HFPO-DA	94		25 - 150	04/23/21 04:45	04/25/21 22:00	1
13C2 10:2 FTS	96		25 - 150	04/23/21 04:45	04/25/21 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1300		48	23	ng/L		04/23/21 04:45	04/26/21 21:06	10
Perfluoropentanoic acid (PFPeA)	780		19	4.7	ng/L		04/23/21 04:45	04/26/21 21:06	10
Perfluorohexanoic acid (PFHxA)	1400		19	5.5	ng/L		04/23/21 04:45	04/26/21 21:06	10
Perfluorooctanoic acid (PFOA)	640		19	8.1	ng/L		04/23/21 04:45	04/26/21 21:06	10
Perfluorobutanesulfonic acid (PFBS)	310		19	1.9	ng/L		04/23/21 04:45	04/26/21 21:06	10

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	82		25 - 150	04/23/21 04:45	04/26/21 21:06	10
13C5 PFPeA	84		25 - 150	04/23/21 04:45	04/26/21 21:06	10
13C2 PFHxA	87		25 - 150	04/23/21 04:45	04/26/21 21:06	10
13C4 PFOA	93		25 - 150	04/23/21 04:45	04/26/21 21:06	10
13C3 PFBS	105		25 - 150	04/23/21 04:45	04/26/21 21:06	10

Client Sample ID: EQUIP. BLANK

Lab Sample ID: 320-72517-10

Date Collected: 04/15/21 11:20

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.6	2.2	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluoropentanoic acid (PFPeA)	1.1	J	1.9	0.45	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorohexanoic acid (PFHxA)	1.7	J	1.9	0.54	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluoroheptanoic acid (PFHpA)	0.42	J	1.9	0.23	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.79	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.25	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorodecanoic acid (PFDA)	0.29	J	1.9	0.29	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.51	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.68	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.19	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.9	0.28	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.53	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.18	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.50	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.34	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.90	ng/L		04/23/21 04:45	04/26/21 20:20	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.91	ng/L		04/23/21 04:45	04/26/21 20:20	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: EQUIP. BLANK

Lab Sample ID: 320-72517-10

Date Collected: 04/15/21 11:20

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSA	ND		1.9	0.81	ng/L		04/23/21 04:45	04/26/21 20:20	1
NMeFOSA	ND		1.9	0.40	ng/L		04/23/21 04:45	04/26/21 20:20	1
NMeFOSAA	ND		4.6	1.1	ng/L		04/23/21 04:45	04/26/21 20:20	1
NEtFOSAA	ND		4.6	1.2	ng/L		04/23/21 04:45	04/26/21 20:20	1
NMeFOSE	ND		3.7	1.3	ng/L		04/23/21 04:45	04/26/21 20:20	1
NEtFOSE	ND		1.9	0.79	ng/L		04/23/21 04:45	04/26/21 20:20	1
4:2 FTS	ND		1.9	0.22	ng/L		04/23/21 04:45	04/26/21 20:20	1
6:2 FTS	ND		4.6	2.3	ng/L		04/23/21 04:45	04/26/21 20:20	1
8:2 FTS	ND		1.9	0.43	ng/L		04/23/21 04:45	04/26/21 20:20	1
DONA	ND		1.9	0.37	ng/L		04/23/21 04:45	04/26/21 20:20	1
HFPO-DA (GenX)	ND		3.7	1.4	ng/L		04/23/21 04:45	04/26/21 20:20	1
F-53B Major	ND		1.9	0.22	ng/L		04/23/21 04:45	04/26/21 20:20	1
F-53B Minor	ND		1.9	0.30	ng/L		04/23/21 04:45	04/26/21 20:20	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C5 PFPeA	91		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 PFHxA	92		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C4 PFHpA	96		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C4 PFOA	96		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C5 PFNA	98		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 PFDA	94		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 PFUnA	98		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 PFDoA	98		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 PFTeDA	100		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C3 PFBS	93		25 - 150				04/23/21 04:45	04/26/21 20:20	1
18O2 PFHxS	94		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C4 PFOS	95		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C8 FOSA	117		10 - 150				04/23/21 04:45	04/26/21 20:20	1
d3-NMeFOSAA	112		25 - 150				04/23/21 04:45	04/26/21 20:20	1
d5-NEtFOSAA	123		25 - 150				04/23/21 04:45	04/26/21 20:20	1
d-N-MeFOSA-M	97		10 - 150				04/23/21 04:45	04/26/21 20:20	1
d-N-EtFOSA-M	98		10 - 150				04/23/21 04:45	04/26/21 20:20	1
d7-N-MeFOSE-M	98		10 - 150				04/23/21 04:45	04/26/21 20:20	1
d9-N-EtFOSE-M	102		10 - 150				04/23/21 04:45	04/26/21 20:20	1
M2-4:2 FTS	73		25 - 150				04/23/21 04:45	04/26/21 20:20	1
M2-6:2 FTS	74		25 - 150				04/23/21 04:45	04/26/21 20:20	1
M2-8:2 FTS	97		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C3 HFPO-DA	91		25 - 150				04/23/21 04:45	04/26/21 20:20	1
13C2 10:2 FTS	88		25 - 150				04/23/21 04:45	04/26/21 20:20	1

Client Sample ID: FIELD BLANK

Lab Sample ID: 320-72517-11

Date Collected: 04/15/21 11:45

Matrix: Water

Date Received: 04/16/21 10:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.8	2.3	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluoropentanoic acid (PFPeA)	0.75	J	1.9	0.47	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorohexanoic acid (PFHxA)	1.1	J	1.9	0.56	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.24	ng/L		04/23/21 04:45	04/25/21 22:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 320-72517-11

Date Collected: 04/15/21 11:45

Matrix: Water

Date Received: 04/16/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		1.9	0.82	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.26	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.30	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.53	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.3	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.71	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.19	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.9	0.29	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.55	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.18	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.52	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.36	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.94	ng/L		04/23/21 04:45	04/25/21 22:19	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.95	ng/L		04/23/21 04:45	04/25/21 22:19	1
NEtFOSA	ND		1.9	0.84	ng/L		04/23/21 04:45	04/25/21 22:19	1
NMeFOSA	ND		1.9	0.42	ng/L		04/23/21 04:45	04/25/21 22:19	1
NMeFOSAA	ND		4.8	1.2	ng/L		04/23/21 04:45	04/25/21 22:19	1
NEtFOSAA	ND		4.8	1.3	ng/L		04/23/21 04:45	04/25/21 22:19	1
NMeFOSE	ND		3.9	1.4	ng/L		04/23/21 04:45	04/25/21 22:19	1
NEtFOSE	ND		1.9	0.82	ng/L		04/23/21 04:45	04/25/21 22:19	1
4:2 FTS	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 22:19	1
6:2 FTS	ND		4.8	2.4	ng/L		04/23/21 04:45	04/25/21 22:19	1
8:2 FTS	ND		1.9	0.44	ng/L		04/23/21 04:45	04/25/21 22:19	1
DONA	ND		1.9	0.39	ng/L		04/23/21 04:45	04/25/21 22:19	1
HFPO-DA (GenX)	ND		3.9	1.5	ng/L		04/23/21 04:45	04/25/21 22:19	1
F-53B Major	ND		1.9	0.23	ng/L		04/23/21 04:45	04/25/21 22:19	1
F-53B Minor	ND		1.9	0.31	ng/L		04/23/21 04:45	04/25/21 22:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C5 PFPeA	89		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 PFHxA	87		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C4 PFHpA	94		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C4 PFOA	96		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C5 PFNA	98		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 PFDA	100		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 PFUnA	102		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 PFDoA	99		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 PFTeDA	96		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C3 PFBS	88		25 - 150	04/23/21 04:45	04/25/21 22:19	1
18O2 PFHxS	98		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C4 PFOS	96		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C8 FOSA	108		10 - 150	04/23/21 04:45	04/25/21 22:19	1
d3-NMeFOSAA	108		25 - 150	04/23/21 04:45	04/25/21 22:19	1
d5-NEtFOSAA	117		25 - 150	04/23/21 04:45	04/25/21 22:19	1
d-N-MeFOSA-M	91		10 - 150	04/23/21 04:45	04/25/21 22:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 320-72517-11

Date Collected: 04/15/21 11:45

Matrix: Water

Date Received: 04/16/21 10:10

Method: 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>
d-N-EtFOSA-M	87		10 - 150	04/23/21 04:45	04/25/21 22:19	1
d7-N-MeFOSE-M	90		10 - 150	04/23/21 04:45	04/25/21 22:19	1
d9-N-EtFOSE-M	96		10 - 150	04/23/21 04:45	04/25/21 22:19	1
M2-4:2 FTS	74		25 - 150	04/23/21 04:45	04/25/21 22:19	1
M2-6:2 FTS	84		25 - 150	04/23/21 04:45	04/25/21 22:19	1
M2-8:2 FTS	115		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C3 HFPO-DA	92		25 - 150	04/23/21 04:45	04/25/21 22:19	1
13C2 10:2 FTS	95		25 - 150	04/23/21 04:45	04/25/21 22:19	1

Isotope Dilution Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

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)
320-72517-1	TS INF						108	125	121
320-72517-1 - DL	TS INF	84	83	92	96	91			
320-72517-2	NON TS EFF	75	64	69	97	98	101	102	102
320-72517-3	AR EFF				93		109	100	103
320-72517-3 - DL	AR EFF	89	92	94		100			
320-72517-4	PW-1	87	97	93	100	100	102	100	106
320-72517-5	RW-6						105	113	117
320-72517-5 - DL	RW-6	104	100	97	94	91			
320-72517-6	RW-11						92	125	102
320-72517-6 - DL	RW-11	79	85	91	96	97			
320-72517-7	RW-12						116	146	125
320-72517-7 - DL	RW-12	93	95	115	94	99			
320-72517-8	AS-1				48	51	51	55	52
320-72517-8 - DL	AS-1	47	48	48					
320-72517-9	ADSORP. POND				89		97	100	92
320-72517-9 - DL	ADSORP. POND	82	84	87		93			
320-72517-10	EQUIP. BLANK	91	91	92	96	96	98	94	98
320-72517-11	FIELD BLANK	88	89	87	94	96	98	100	102
LCS 320-482352/2-A	Lab Control Sample	86	84	83	94	95	96	94	95
LCSD 320-482352/3-A	Lab Control Sample Dup	97	92	90	99	101	101	97	105
MB 320-482352/1-A	Method Blank	94	91	90	100	98	101	97	97

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)
320-72517-1	TS INF	98	123	105		114	136	102	129
320-72517-1 - DL	TS INF			96	96	101			
320-72517-2	NON TS EFF	96	89	136	99	97	105	115	129
320-72517-3	AR EFF	101	89	104	101	105	119	108	128
320-72517-3 - DL	AR EFF								
320-72517-4	PW-1	103	97	95	95	107	123	113	119
320-72517-5	RW-6	84	26	85		67	122	119	125
320-72517-5 - DL	RW-6			92	91	56			
320-72517-6	RW-11	79	116	101		97	124	96	92
320-72517-6 - DL	RW-11			93	97	96			
320-72517-7	RW-12	108	138	107		122	148	105	116
320-72517-7 - DL	RW-12			101	100	122			
320-72517-8	AS-1	56	42	41	58	56	55	52	
320-72517-8 - DL	AS-1			49		51			61
320-72517-9	ADSORP. POND	84	71	94	92	90	106	105	122
320-72517-9 - DL	ADSORP. POND			105					
320-72517-10	EQUIP. BLANK	98	100	93	94	95	117	112	123
320-72517-11	FIELD BLANK	99	96	88	98	96	108	108	117
LCS 320-482352/2-A	Lab Control Sample	97	89	89	87	94	105	97	113
LCSD 320-482352/3-A	Lab Control Sample Dup	98	92	102	99	100	108	114	111
MB 320-482352/1-A	Method Blank	102	92	90	92	98	114	109	128

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)
320-72517-1	TS INF	104	99	113	102	122	145		121

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Isotope Dilution Summary

Client: Gannett Fleming
 Project/Site: WRR 55929.007

Job ID: 320-72517-1

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)
320-72517-1 - DL	TS INF							91	
320-72517-2	NON TS EFF	92	87	81	80	149	111	139	90
320-72517-3	AR EFF	89	84	87	84	93	104	124	100
320-72517-3 - DL	AR EFF								
320-72517-4	PW-1	96	92	102	101	71	83	92	98
320-72517-5	RW-6	84	63	66	33	107	111	131	109
320-72517-5 - DL	RW-6								
320-72517-6	RW-11	92	75	92	87	118			112
320-72517-6 - DL	RW-11						123	147	
320-72517-7	RW-12	118	113	132	123	124	142		123
320-72517-7 - DL	RW-12							83	
320-72517-8	AS-1	41	37	41	38	71	84	95	54
320-72517-8 - DL	AS-1								
320-72517-9	ADSORP. POND	76	71	75	74	86	98	114	94
320-72517-9 - DL	ADSORP. POND								
320-72517-10	EQUIP. BLANK	97	98	98	102	73	74	97	91
320-72517-11	FIELD BLANK	91	87	90	96	74	84	115	92
LCS 320-482352/2-A	Lab Control Sample	83	84	88	91	75	79	90	87
LCSD 320-482352/3-A	Lab Control Sample Dup	87	87	92	95	77	85	89	91
MB 320-482352/1-A	Method Blank	87	89	95	97	82	80	91	94

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		M102FTS (25-150)							
320-72517-1	TS INF	124							
320-72517-1 - DL	TS INF								
320-72517-2	NON TS EFF	119							
320-72517-3	AR EFF	124							
320-72517-3 - DL	AR EFF								
320-72517-4	PW-1	86							
320-72517-5	RW-6	77							
320-72517-5 - DL	RW-6								
320-72517-6	RW-11	118							
320-72517-6 - DL	RW-11								
320-72517-7	RW-12	134							
320-72517-7 - DL	RW-12								
320-72517-8	AS-1	74							
320-72517-8 - DL	AS-1								
320-72517-9	ADSORP. POND	96							
320-72517-9 - DL	ADSORP. POND								
320-72517-10	EQUIP. BLANK	88							
320-72517-11	FIELD BLANK	95							
LCS 320-482352/2-A	Lab Control Sample	78							
LCSD 320-482352/3-A	Lab Control Sample Dup	97							
MB 320-482352/1-A	Method Blank	104							

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA

Isotope Dilution Summary

Job ID: 320-72517-1

Client: Gannett Fleming
Project/Site: WRR 55929.007

PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFm = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
M102FTS = 13C2 10:2 FTS

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QC Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-482352/1-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482352

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	ND		5.0	2.4	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.73	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.30	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.57	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.37	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.97	ng/L		04/23/21 04:45	04/25/21 19:53	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.98	ng/L		04/23/21 04:45	04/25/21 19:53	1
NEtFOSA	ND		2.0	0.87	ng/L		04/23/21 04:45	04/25/21 19:53	1
NMeFOSA	ND		2.0	0.43	ng/L		04/23/21 04:45	04/25/21 19:53	1
NMeFOSAA	ND		5.0	1.2	ng/L		04/23/21 04:45	04/25/21 19:53	1
NEtFOSAA	ND		5.0	1.3	ng/L		04/23/21 04:45	04/25/21 19:53	1
NMeFOSE	ND		4.0	1.4	ng/L		04/23/21 04:45	04/25/21 19:53	1
NEtFOSE	ND		2.0	0.85	ng/L		04/23/21 04:45	04/25/21 19:53	1
4:2 FTS	ND		2.0	0.24	ng/L		04/23/21 04:45	04/25/21 19:53	1
6:2 FTS	ND		5.0	2.5	ng/L		04/23/21 04:45	04/25/21 19:53	1
8:2 FTS	ND		2.0	0.46	ng/L		04/23/21 04:45	04/25/21 19:53	1
DONA	ND		2.0	0.40	ng/L		04/23/21 04:45	04/25/21 19:53	1
HFPO-DA (GenX)	ND		4.0	1.5	ng/L		04/23/21 04:45	04/25/21 19:53	1
F-53B Major	ND		2.0	0.24	ng/L		04/23/21 04:45	04/25/21 19:53	1
F-53B Minor	ND		2.0	0.32	ng/L		04/23/21 04:45	04/25/21 19:53	1
	MB	MB					Prepared	Analyzed	Dil Fac
Isotope Dilution	%Recovery	Qualifier	Limits						
13C4 PFBA	94		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C5 PFPeA	91		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C2 PFHxA	90		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C4 PFHpA	100		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C4 PFOA	98		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C5 PFNA	101		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C2 PFDA	97		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C2 PFUnA	97		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C2 PFDoA	102		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C2 PFTeDA	92		25 - 150				04/23/21 04:45	04/25/21 19:53	1
13C3 PFBS	90		25 - 150				04/23/21 04:45	04/25/21 19:53	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

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

Lab Sample ID: MB 320-482352/1-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482352

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
18O2 PFHxS	92		25 - 150	04/23/21 04:45	04/25/21 19:53	1
13C4 PFOS	98		25 - 150	04/23/21 04:45	04/25/21 19:53	1
13C8 FOSA	114		10 - 150	04/23/21 04:45	04/25/21 19:53	1
d3-NMeFOSAA	109		25 - 150	04/23/21 04:45	04/25/21 19:53	1
d5-NEtFOSAA	128		25 - 150	04/23/21 04:45	04/25/21 19:53	1
d-N-MeFOSA-M	87		10 - 150	04/23/21 04:45	04/25/21 19:53	1
d-N-EtFOSA-M	89		10 - 150	04/23/21 04:45	04/25/21 19:53	1
d7-N-MeFOSE-M	95		10 - 150	04/23/21 04:45	04/25/21 19:53	1
d9-N-EtFOSE-M	97		10 - 150	04/23/21 04:45	04/25/21 19:53	1
M2-4:2 FTS	82		25 - 150	04/23/21 04:45	04/25/21 19:53	1
M2-6:2 FTS	80		25 - 150	04/23/21 04:45	04/25/21 19:53	1
M2-8:2 FTS	91		25 - 150	04/23/21 04:45	04/25/21 19:53	1
13C3 HFPO-DA	94		25 - 150	04/23/21 04:45	04/25/21 19:53	1
13C2 10:2 FTS	104		25 - 150	04/23/21 04:45	04/25/21 19:53	1

Lab Sample ID: LCS 320-482352/2-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Perfluorobutanoic acid (PFBA)	40.0	37.0		ng/L		92	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	42.3		ng/L		106	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	43.3		ng/L		108	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	38.2		ng/L		95	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	40.6		ng/L		102	60 - 135
Perfluorononanoic acid (PFNA)	40.0	38.4		ng/L		96	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	41.4		ng/L		103	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	37.3		ng/L		93	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	38.7		ng/L		97	60 - 135
Perfluorotridecanoic acid (PFTriA)	40.0	34.7		ng/L		87	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	39.7		ng/L		99	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	33.4		ng/L		95	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	36.9		ng/L		98	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.3		ng/L		94	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	37.1		ng/L		97	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	34.8		ng/L		94	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	33.1		ng/L		86	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	34.9		ng/L		91	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	33.7		ng/L		87	60 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

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

Lab Sample ID: LCS 320-482352/2-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonamide (FOSA)	40.0	37.4		ng/L		93	60 - 135
NEtFOSA	40.0	37.8		ng/L		95	60 - 135
NMeFOSA	40.0	40.6		ng/L		101	60 - 135
NMeFOSAA	40.0	38.9		ng/L		97	60 - 135
NEtFOSAA	40.0	35.9		ng/L		90	60 - 135
NMeFOSE	40.0	38.6		ng/L		96	60 - 135
NEtFOSE	40.0	36.2		ng/L		91	60 - 135
4:2 FTS	37.4	37.3		ng/L		100	60 - 135
6:2 FTS	37.9	36.2		ng/L		95	60 - 135
8:2 FTS	38.3	33.2		ng/L		87	60 - 135
DONA	37.7	36.4		ng/L		97	60 - 135
HFPO-DA (GenX)	40.0	40.2		ng/L		100	60 - 135
F-53B Major	37.3	36.7		ng/L		98	60 - 135
F-53B Minor	37.7	31.2		ng/L		83	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	86		25 - 150
13C5 PFPeA	84		25 - 150
13C2 PFHxA	83		25 - 150
13C4 PFHpA	94		25 - 150
13C4 PFOA	95		25 - 150
13C5 PFNA	96		25 - 150
13C2 PFDA	94		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	97		25 - 150
13C2 PFTeDA	89		25 - 150
13C3 PFBS	89		25 - 150
18O2 PFHxS	87		25 - 150
13C4 PFOS	94		25 - 150
13C8 FOSA	105		10 - 150
d3-NMeFOSAA	97		25 - 150
d5-NEtFOSAA	113		25 - 150
d-N-MeFOSA-M	83		10 - 150
d-N-EtFOSA-M	84		10 - 150
d7-N-MeFOSE-M	88		10 - 150
d9-N-EtFOSE-M	91		10 - 150
M2-4:2 FTS	75		25 - 150
M2-6:2 FTS	79		25 - 150
M2-8:2 FTS	90		25 - 150
13C3 HFPO-DA	87		25 - 150
13C2 10:2 FTS	78		25 - 150

Lab Sample ID: LCSD 320-482352/3-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Perfluorobutanoic acid (PFBA)	40.0	36.8		ng/L		92	60 - 135	1	30

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QC Sample Results

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

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

Lab Sample ID: LCSD 320-482352/3-A
Matrix: Water
Analysis Batch: 482932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 482352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	40.0	39.7		ng/L		99	60 - 135	6	30
Perfluorohexanoic acid (PFHxA)	40.0	40.8		ng/L		102	60 - 135	6	30
Perfluoroheptanoic acid (PFHpA)	40.0	40.9		ng/L		102	60 - 135	7	30
Perfluorooctanoic acid (PFOA)	40.0	39.5		ng/L		99	60 - 135	3	30
Perfluorononanoic acid (PFNA)	40.0	40.1		ng/L		100	60 - 135	4	30
Perfluorodecanoic acid (PFDA)	40.0	42.7		ng/L		107	60 - 135	3	30
Perfluoroundecanoic acid (PFUnA)	40.0	36.1		ng/L		90	60 - 135	3	30
Perfluorododecanoic acid (PFDoA)	40.0	39.9		ng/L		100	60 - 135	3	30
Perfluorotridecanoic acid (PFTriA)	40.0	37.1		ng/L		93	60 - 135	7	30
Perfluorotetradecanoic acid (PFTeA)	40.0	36.3		ng/L		91	60 - 135	9	30
Perfluorobutanesulfonic acid (PFBS)	35.4	32.7		ng/L		93	60 - 135	2	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	36.1		ng/L		96	60 - 135	2	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	33.7		ng/L		93	60 - 135	2	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.0		ng/L		100	60 - 135	3	30
Perfluorooctanesulfonic acid (PFOS)	37.1	35.9		ng/L		97	60 - 135	3	30
Perfluorononanesulfonic acid (PFNS)	38.4	31.6		ng/L		82	60 - 135	5	30
Perfluorodecanesulfonic acid (PFDS)	38.6	37.1		ng/L		96	60 - 135	6	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	33.4		ng/L		86	60 - 135	1	30
Perfluorooctanesulfonamide (FOSA)	40.0	38.0		ng/L		95	60 - 135	2	30
NEtFOSA	40.0	39.7		ng/L		99	60 - 135	5	30
NMeFOSA	40.0	42.1		ng/L		105	60 - 135	4	30
NMeFOSAA	40.0	36.0		ng/L		90	60 - 135	8	30
NEtFOSAA	40.0	38.4		ng/L		96	60 - 135	7	30
NMeFOSE	40.0	38.6		ng/L		96	60 - 135	0	30
NEtFOSE	40.0	39.4		ng/L		99	60 - 135	8	30
4:2 FTS	37.4	38.3		ng/L		102	60 - 135	3	30
6:2 FTS	37.9	38.5		ng/L		102	60 - 135	6	30
8:2 FTS	38.3	36.8		ng/L		96	60 - 135	10	30
DONA	37.7	38.8		ng/L		103	60 - 135	6	30
HFPO-DA (GenX)	40.0	41.9		ng/L		105	60 - 135	4	30
F-53B Major	37.3	37.9		ng/L		102	60 - 135	3	30
F-53B Minor	37.7	31.7		ng/L		84	60 - 135	2	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C4 PFBA	97		25 - 150
13C5 PFPeA	92		25 - 150
13C2 PFHxA	90		25 - 150
13C4 PFHpA	99		25 - 150
13C4 PFOA	101		25 - 150

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QC Sample Results

Client: Gannett Fleming
 Project/Site: WRR 55929.007

Job ID: 320-72517-1

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

Lab Sample ID: LCSD 320-482352/3-A
 Matrix: Water
 Analysis Batch: 482932

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 482352

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C5 PFNA	101		25 - 150
13C2 PFDA	97		25 - 150
13C2 PFUnA	105		25 - 150
13C2 PFDoA	98		25 - 150
13C2 PFTeDA	92		25 - 150
13C3 PFBS	102		25 - 150
18O2 PFHxS	99		25 - 150
13C4 PFOS	100		25 - 150
13C8 FOSA	108		10 - 150
d3-NMeFOSAA	114		25 - 150
d5-NEtFOSAA	111		25 - 150
d-N-MeFOSA-M	87		10 - 150
d-N-EtFOSA-M	87		10 - 150
d7-N-MeFOSE-M	92		10 - 150
d9-N-EtFOSE-M	95		10 - 150
M2-4:2 FTS	77		25 - 150
M2-6:2 FTS	85		25 - 150
M2-8:2 FTS	89		25 - 150
13C3 HFPO-DA	91		25 - 150
13C2 10:2 FTS	97		25 - 150

QC Association Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

LCMS

Prep Batch: 482352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-72517-1	TS INF	Total/NA	Water	3535	
320-72517-1 - DL	TS INF	Total/NA	Water	3535	
320-72517-2	NON TS EFF	Total/NA	Water	3535	
320-72517-3	AR EFF	Total/NA	Water	3535	
320-72517-3 - DL	AR EFF	Total/NA	Water	3535	
320-72517-4	PW-1	Total/NA	Water	3535	
320-72517-5	RW-6	Total/NA	Water	3535	
320-72517-5 - DL	RW-6	Total/NA	Water	3535	
320-72517-6 - DL	RW-11	Total/NA	Water	3535	
320-72517-6	RW-11	Total/NA	Water	3535	
320-72517-7 - DL	RW-12	Total/NA	Water	3535	
320-72517-7	RW-12	Total/NA	Water	3535	
320-72517-8 - DL	AS-1	Total/NA	Water	3535	
320-72517-8	AS-1	Total/NA	Water	3535	
320-72517-9	ADSORP. POND	Total/NA	Water	3535	
320-72517-9 - DL	ADSORP. POND	Total/NA	Water	3535	
320-72517-10	EQUIP. BLANK	Total/NA	Water	3535	
320-72517-11	FIELD BLANK	Total/NA	Water	3535	
MB 320-482352/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-482352/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-482352/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 482932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-72517-1	TS INF	Total/NA	Water	537 (modified)	482352
320-72517-2	NON TS EFF	Total/NA	Water	537 (modified)	482352
320-72517-3	AR EFF	Total/NA	Water	537 (modified)	482352
320-72517-5	RW-6	Total/NA	Water	537 (modified)	482352
320-72517-6	RW-11	Total/NA	Water	537 (modified)	482352
320-72517-7	RW-12	Total/NA	Water	537 (modified)	482352
320-72517-8	AS-1	Total/NA	Water	537 (modified)	482352
320-72517-9	ADSORP. POND	Total/NA	Water	537 (modified)	482352
320-72517-11	FIELD BLANK	Total/NA	Water	537 (modified)	482352
MB 320-482352/1-A	Method Blank	Total/NA	Water	537 (modified)	482352
LCS 320-482352/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	482352
LCSD 320-482352/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	482352

Analysis Batch: 483302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-72517-1 - DL	TS INF	Total/NA	Water	537 (modified)	482352
320-72517-3 - DL	AR EFF	Total/NA	Water	537 (modified)	482352
320-72517-4	PW-1	Total/NA	Water	537 (modified)	482352
320-72517-5 - DL	RW-6	Total/NA	Water	537 (modified)	482352
320-72517-6 - DL	RW-11	Total/NA	Water	537 (modified)	482352
320-72517-7 - DL	RW-12	Total/NA	Water	537 (modified)	482352
320-72517-9 - DL	ADSORP. POND	Total/NA	Water	537 (modified)	482352
320-72517-10	EQUIP. BLANK	Total/NA	Water	537 (modified)	482352

Analysis Batch: 483506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-72517-8 - DL	AS-1	Total/NA	Water	537 (modified)	482352

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: TS INF

Lab Sample ID: 320-72517-1

Date Collected: 04/15/21 10:30

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			255.3 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 20:20	K1S	TAL SAC
Total/NA	Prep	3535	DL		255.3 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	20			483302	04/26/21 20:29	K1S	TAL SAC

Client Sample ID: NON TS EFF

Lab Sample ID: 320-72517-2

Date Collected: 04/15/21 10:25

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			267.2 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 20:29	K1S	TAL SAC

Client Sample ID: AR EFF

Lab Sample ID: 320-72517-3

Date Collected: 04/15/21 10:45

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			259.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 20:38	K1S	TAL SAC
Total/NA	Prep	3535	DL		259.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	10			483302	04/26/21 20:39	K1S	TAL SAC

Client Sample ID: PW-1

Lab Sample ID: 320-72517-4

Date Collected: 04/15/21 11:00

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			256.5 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			483302	04/26/21 20:11	K1S	TAL SAC

Client Sample ID: RW-6

Lab Sample ID: 320-72517-5

Date Collected: 04/15/21 10:40

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			263.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 20:56	K1S	TAL SAC
Total/NA	Prep	3535	DL		263.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	100			483302	04/26/21 21:15	K1S	TAL SAC

Lab Chronicle

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: RW-11
Date Collected: 04/15/21 10:55
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			264.5 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 21:06	K1S	TAL SAC
Total/NA	Prep	3535	DL		264.5 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	10			483302	04/26/21 20:48	K1S	TAL SAC

Client Sample ID: RW-12
Date Collected: 04/15/21 11:05
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			262.7 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 21:15	K1S	TAL SAC
Total/NA	Prep	3535	DL		262.7 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	100			483302	04/26/21 21:24	K1S	TAL SAC

Client Sample ID: AS-1
Date Collected: 04/15/21 11:30
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			256.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 21:51	K1S	TAL SAC
Total/NA	Prep	3535	DL		256.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	20			483506	04/27/21 12:53	GMK	TAL SAC

Client Sample ID: ADSORP. POND
Date Collected: 04/15/21 12:00
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-9
Matrix: Water

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	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 22:00	K1S	TAL SAC
Total/NA	Prep	3535	DL		261.9 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)	DL	10			483302	04/26/21 21:06	K1S	TAL SAC

Client Sample ID: EQUIP. BLANK
Date Collected: 04/15/21 11:20
Date Received: 04/16/21 10:10

Lab Sample ID: 320-72517-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			269.5 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			483302	04/26/21 20:20	K1S	TAL SAC

Lab Chronicle

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 320-72517-11

Date Collected: 04/15/21 11:45

Matrix: Water

Date Received: 04/16/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			258.6 mL	10.0 mL	482352	04/23/21 04:45	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1			482932	04/25/21 22:19	K1S	TAL SAC

Laboratory References:

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

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Accreditation/Certification Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-21

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Method Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

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

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



Sample Summary

Client: Gannett Fleming
Project/Site: WRR 55929.007

Job ID: 320-72517-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-72517-1	TS INF	Water	04/15/21 10:30	04/16/21 10:10	
320-72517-2	NON TS EFF	Water	04/15/21 10:25	04/16/21 10:10	
320-72517-3	AR EFF	Water	04/15/21 10:45	04/16/21 10:10	
320-72517-4	PW-1	Water	04/15/21 11:00	04/16/21 10:10	
320-72517-5	RW-6	Water	04/15/21 10:40	04/16/21 10:10	
320-72517-6	RW-11	Water	04/15/21 10:55	04/16/21 10:10	
320-72517-7	RW-12	Water	04/15/21 11:05	04/16/21 10:10	
320-72517-8	AS-1	Water	04/15/21 11:30	04/16/21 10:10	
320-72517-9	ADSORP. POND	Water	04/15/21 12:00	04/16/21 10:10	
320-72517-10	EQUIP. BLANK	Water	04/15/21 11:20	04/16/21 10:10	
320-72517-11	FIELD BLANK	Water	04/15/21 11:45	04/16/21 10:10	

Chain of Custody Record



Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact		Project Manager: A. Miller		TALS Project #:	
Gannett Fleming Inc		Email: awmiller@gfnet.com		Quote No: 32017499	
8040 Excelsior Dr Suite 3030		Tel/Fax:		Lab Contact:	
Madison, WI 53717		Analysis Turnaround Time		Carrier:	
608-347-7213		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Date:	
(xxx) xxx-xxxx FAX		TAT if different from Below _____		1____ of ____ COCs	
Project Name: WRR		<input type="checkbox"/> 2 weeks		1 Sampler: M. Mussey	
Site:		<input type="checkbox"/> 1 week		1 Refer to note below.	
P O # 55929.007		<input type="checkbox"/> 2 days		For Lab Use Only:	
		<input type="checkbox"/> 1 day		Walk-in Client:	
				Lab Sampling:	
				Job / SDG No.:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Wisconsin PFAS 33	Sample Specific Notes:
TS INF	4/15/2021	10:30	G	Gw	2		X		
NON TS EFF	4/15/2021	10:25	G	Gw	2		X		
AR EFF	4/15/2021	10:45	G	Gw	2		X		
PW-1	4/15/2021	11:00	G	Gw	2		X		
RW-6	4/15/2021	10:40	G	Gw	2		X		
RW-11	4/15/2021	10:55	G	Gw	2		X		
RW-12	4/15/2021	11:05	G	Gw	2		X		
AS-1	4/15/2021	11:30	G	Gw	2		X		
ADSORP. POND	4/15/2021	12:00	G	Gw	2		X		
EQUIP. BLANK	4/15/2021	11:20	G	Gw	2		X		
FIELD BLANK	4/15/2021	11:45	G	Gw	2		X		Hold



I attest to the validity and authenticity of this (these) sample(s). I am aware that tampering with or intentionally mislabeling the sample(s) location, date or time of collection may be considered fraud and subject to legal action (NAC445.0636)
Signature: _____ Date: _____

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____	1
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input checked="" type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months

Special Instructions/QC Requirements & Comments:

NC 4-16-21

Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: 158 6546, 158 6547	Cooler Temp. (°C): Obs'd: 1.5	Corr'd: 1.5	Therm ID No.: L-0E
Relinquished by: <i>[Signature]</i>	Company: Gannett Fleming	Date/Time: 4/15/14:05	Received by: <i>[Signature]</i>	Company: ETASAC
Relinquished by:	Company:	Date/Time:	Received by: <i>[Signature]</i>	Company: ETASAC
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: ETASAC

• NO ID / Date / Time



Login Sample Receipt Checklist

Client: Gannett Fleming

Job Number: 320-72517-1

Login Number: 72517
List Number: 1
Creator: Turpen, Laura

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1586546/1586547
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?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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.	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

