

Sent Via E-Mail

Mr. Kevin McKnight
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
625 E. County Y, Suite 700
Oshkosh, WI 54901-9731

Mr. Thomas R. Nordgren
Floor Space Development, LLC
3896 Big Sky Drive
Pulaski, WI 54162

**NR 716.14 DATA TRANSMITTAL GROUNDWATER SAMPLE RESULTS
FORMER MIRRO PLANT NO. 20 SITE
44 WALNUT STREET, MANITOWOC, WISCONSIN
BRRTS NOS. 02-08-520157 (ERP) AND 06-08-426946 (VPLE)**

Dear Mr. McKnight and Mr. Nordgren:

November 18, 2021

Ramboll US Consulting, Inc. (Ramboll), on behalf of Newell Operating Company (NOC), is providing the Wisconsin Department of Natural Resources (WDNR) and the current property owner with the attached groundwater sample analytical results from the former Mirro Plant No. 20 facility (the "facility" or "site"). The groundwater samples were collected on October 13 and 14, 2021, and analyzed in accordance with the WDNR approved Site Investigation Work Plan (Work Plan). The laboratory analytical report, tabulated results, and a figure showing the groundwater sampling locations are attached. Please note that the table shows only those compounds detected and includes both the baseline sampling event completed in August 2021 along with the comprehensive sampling event completed in October 2021. These site investigation activities, along with the additional items outlined in the Work Plan, will be formally documented in the Wisconsin Administrative Code NR 716 Site Investigation Report planned for early 2022.

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Ref. 1690019558

If you have any questions or require additional information, feel free to contact the undersigned or NOC representative, Hudson Green (hgreen@patriotenviro.com, 610-323-4634).

Sincerely,

Ramboll US Consulting, Inc.


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Hudson Green, Patriot

ATTACHMENTS

Table 1: Detected Groundwater Analytical Results

Figure 1: Site Layout and Existing Monitoring Well Network

Laboratory Analytical Report (Eurofins TestAmerica)

Table 2. Detected Groundwater Analytical Results

Former Mirro Plant No. 20
44 Walnut Street, Chilton, WI
BRRTs No.: 02-08-520157 (ERP) & 06-08-426946 (VPLE) FID: 408021130

Sample Name	Sample Date	VOC														Metal				PFAS																												
		1,1,1-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Chloroform	Chloromethane	cis-1,2-Dichloroethane	Naphthalene	Tetrachloroethane	Toluene	trans-1,2-Dichloroethane	Trichloroethane	Vinyl Chloride	Asenic, Dissolved	Barium, Dissolved	Lead, Dissolved	Selenium, Dissolved	PFAS (G)	PFOS & PFOA ²	Perfluorooctanesulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorodecane sulfonic acid	Perfluorododecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluorooctanoic acid (PFOA)	Perfluorohexanesulfonic acid (PFHS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)												
Reporting Units:		µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	µg/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result	ng/L Result			
USEPA Groundwater HAL ¹ :		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	70	70	70	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
WI Groundwater ES ² :		200	7	5	5	6	30	70	100	5	800	100	5	0.2	10	2,000	15	50	20	20	20	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
WI Groundwater PAL ³ :		40	0.7	0.5	0.5	0.6	3	7	10	0.5	160	20	0.5	0.02	1	400	1.5	10	2	2	2	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
B-5	08/03/2021	<0.38	<0.39	<0.39	<0.15	<0.37	<0.32	<0.41	<0.34	<0.37	0.18 J	<0.35	<0.16	<0.20	0.71 J	75	--	1.6 J	<1.20	<0.78	<0.49	<0.78	<2.3	0.92 J	<2.2	<0.28	<0.17	<0.23	1.1 J	<0.53	<0.25	<0.27	<0.45															

Notes:
 Samples analyzed for VOCs, RCRA metals, and PFAS. Only detected compounds are shown.
 Monitoring location B-9 was analyzed for PCBs in August 2021. No PCBs were detected.

Italicized exceeds USEPA Groundwater HAL
Bold attains or exceeds Proposed WI Groundwater ES
Underlined attains or exceeds Proposed WI Groundwater PAL
 Gray Text: analyte not detected

Statistics exclude the quality control field duplicate samples (DUPs).

Results & Flags:
 -- = Analysis not performed
 < = Concentration is less than the Limit of Detection (LOD)
 B = analyte was detected in the associated method blank
 J = Estimated concentration

Acronyms:
 µg/L = micrograms per liter
 BRRTs = Bureau for Remediation and Redevelopment Tracking System
 DHS = Department of Health Services
 DUP = Quality Control Field Duplicate Sample
 ES = Enforcement Standard
 FID = facility identification number
 HAL = Health Advisory Level
 ng/L = nanograms per liter
 PAL = Preventive Action Limit
 PFAS = per- and polyfluoroalkyl substances
 USEPA = U.S. Environmental Protection Agency
 VOC = Volatile Organic Compound
 WDNR = Wisconsin Department of Natural Resources

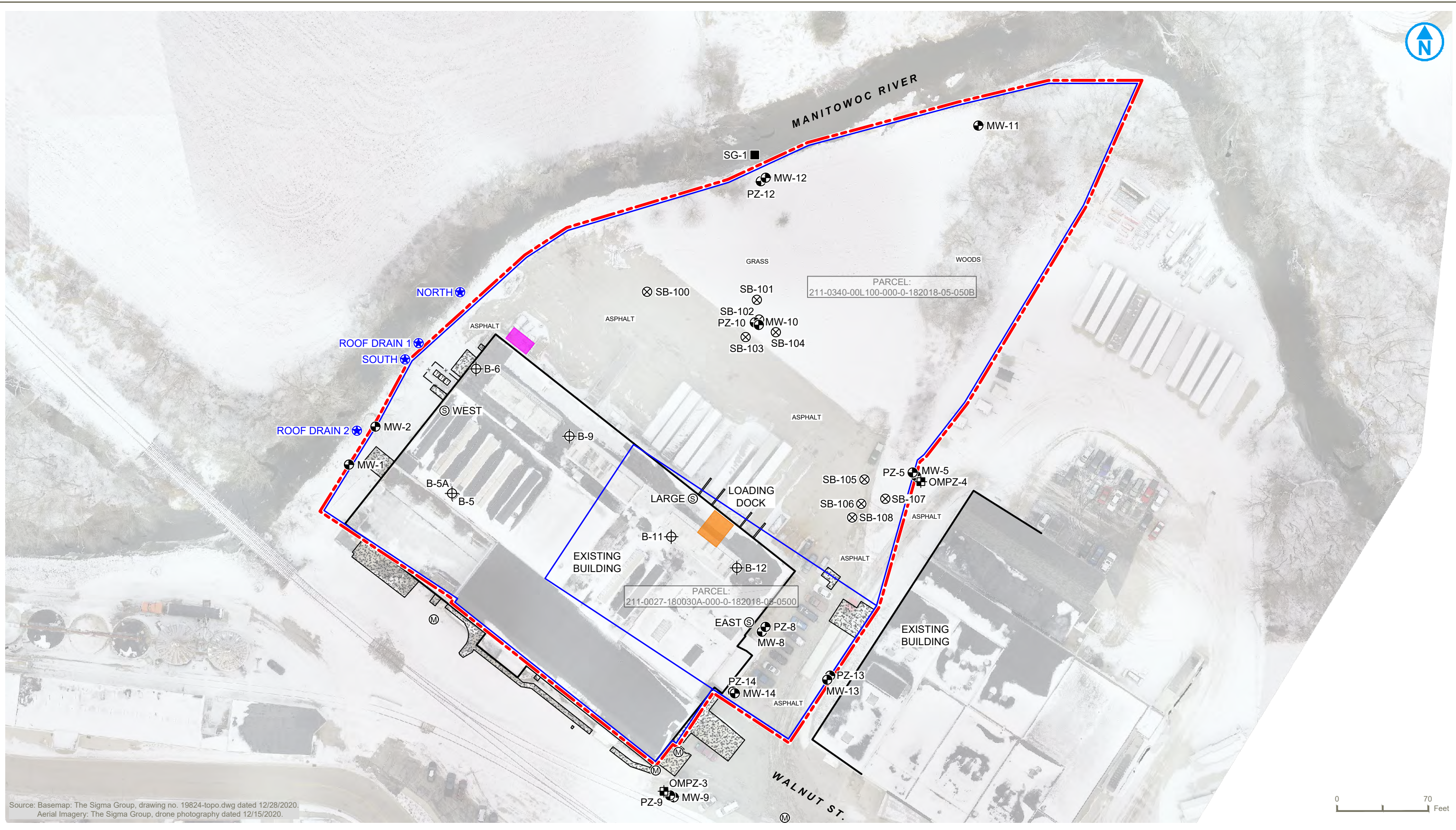
Superscripts:
 1. PFAS (G) were calculated by Ramboll as follows:
 a. Where detections were observed, only the detected results were added together for the total summation.
 b. Where no detections were observed, the highest level of detection is presented as the sum.
 c. Analytes used for the calculation are NETFOSA, NETFOA, NETFOA, NETFOA, FOSA, PFOA, and PFOA.
 2. PFOS & PFOA was calculated by Ramboll as follows:
 a. Where detections were observed, only the detected results were added together for the total summation.
 b. Where no detections were observed, the highest level of detection is presented as the sum.
 c. Analytes used for the calculation are PFOS, and PFOA.

***Screening Levels:**
 PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective February 2021.
 PAL and ES from WI Administrative Code NR 140 groundwater quality standard are proposed for PFAS compounds as part of Cycle 10 and Cycle 11 submitted to the WI DHS.
 USEPA Health Advisory Limits are non-enforceable and non-regulatory, established in 2016.
 Lab comments and definitions can be found in associated laboratory reports.

6-MGP11/2021



L:\Loop Project Files\ CAD\1690019558_Mirro-20_Phil\2021-10\02_Site Layout and Existing Monitoring Well Network.dwg
 PROJECT: 1690019558
 DESIGNER: HW
 DATED: 11/1/2021



Source: Basemap: The Sigma Group, drawing no. 19824-topo.dwg dated 12/28/2020.
 Aerial Imagery: The Sigma Group, drone photography dated 12/15/2020.

LEGEND

- - - PROPERTY BOUNDARY
- PARCEL BOUNDARY
- GROUNDWATER MONITORING WELL
- TEMPORARY MONITORING WELL
- PIEZOMETER INSTALLED BY OMNNI/WDNR
- SUMP PIT
- SOIL BORING
- STAFF GAUGE
- MANHOLE
- OUTFALL
- TRANSFORMER
- CHAIN LINK FENCE
- CONCRETE AREA
- APPROXIMATE LOCATION OF MINERAL SPIRITS USTs REMOVED IN OCTOBER 1990 (CLOSED BRRTS 09-08-294564)
- APPROXIMATE LOCATION OF FORMER FUEL USTs ABANDONED IN PLACE IN JANUARY 1996 (CLOSED BRRTS 09-08-292322)

SITE LAYOUT AND EXISTING MONITORING WELL NETWORK

NEWELL OPERATING COMPANY
FORMER MIRRO PLANT NO. 20
 44 WALNUT STREET
 CHILTON, WISCONSIN

FIGURE 1

RAMBOLL US CONSULTING, INC.
 A RAMBOLL COMPANY



ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-206977-1

Client Project/Site: Former Mirro 20 - Chilton 1690019558
Revision: 2

For:

Ramboll US Corporation
234 W. Florida Street
Fifth Floor
Milwaukee, Wisconsin 53204

Attn: Susan Petrofske



Authorized for release by:
11/10/2021 3:54:35 PM

Sandie Fredrick, Project Manager II
(920)261-1660
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LINKS

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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.



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	5
Method Summary	13
Sample Summary	14
Client Sample Results	15
Definitions	131
QC Association	132
Surrogate Summary	139
QC Sample Results	141
Chronicle	177
Certification Summary	187
Chain of Custody	188
Receipt Checklists	202
Field Data Sheets	204
Isotope Dilution Summary	210

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Job ID: 500-206977-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-206977-1

Comments

No additional comments.

Revision

The report being provided is a revision of the original report sent on 10/29/2021. Per Client's 11/04/2021 request, metals results are now reported as dissolved and the ID has been amended for the FB and EB sampled on 10/14 at 15:00 and 15:15 to reflect FB-03 and EB-03. REVISION 2 - Updated sample IDs for 31 & 34 per client request.

Receipt

The samples were received on 10/16/2021 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.0° C, 1.9° C and 4.9° C.

Receipt Exceptions

Sample#28 received 1 container in Sacramento Lab. EB-02 (500-206977-28)

Sacramento lab received 4 containers with the id of FB-04, and no container for EB-04. Due to samples having the same time, the lab is unable to determine if an EB-04 sample was collected.

The lab also noticed upon unpacking the cooler that 1 of 4 container had a loose lid with sample volume being lost. This container was completely submerged under ice water, and due to this the container has a high chance that it has been compromised by ice water seeping into the container. The lab has place red tape marked on the lid of the container as "DO NOT USE".

Confirmed by PM to pick and choose to label any as EB-04, even with all containers listing as FB-04. The lab labeled 2 containers as FB-04, and 1 container as EB-04. The container that was compromised will be discarded. FB-04 (500-206977-35) and EB-04 (500-206977-36)

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC):

Sample container label lists as 5A, however COC lists B-5A. The sample was logged in according to COC. B-5A (500-206977-21).

GC/MS VOA

Method 8260B: The method blank for analytical batches 625549 ad 625605 contained Naphthalene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. B-11 (500-206977-3), MW-11 (500-206977-4), MW-12 (500-206977-5), PZ-12 (500-206977-6), PZ-12 DUP (500-206977-7), MW-1 (500-206977-10), B-5A (500-206977-21), B-9 (500-206977-22), B-12 (500-206977-23), PZ-13 (500-206977-24), MW-13 (500-206977-25), PZ-14 (500-206977-26), MW-14 (500-206977-27), EB-04 (500-206977-36) and MW-9 DUP (500-206977-37)

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

GC/MS Semi VOA

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

Metals

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

LCMS

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was outside of the established ratio limit. The qualitative identification of the analyte has some degree of uncertainty, and the reported values may have some high bias. However, analyst judgment was used to positively identify the analytes. PZ-13 (500-206977-24) and MW-13 (500-206977-25)

Method 537 (modified): The "1" qualifier means the transition mass ratio for the indicated analyte was outside of the established ratio limits. The qualitative identification of the analyte has some degree of uncertainty, and the reported value may have some high bias.

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Job ID: 500-206977-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

However, analyst judgment was used to positively identify the analyte. PZ-14 (500-206977-26)

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

Field Service / Mobile Lab

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

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-535204.

320-535204

Method: 3535 PFC-W

Method 3535: The following samples were yellow prior to extraction: B-5 (500-206977-1), B-6 (500-206977-2), B-11 (500-206977-3), MW-11 (500-206977-4), MW-12 (500-206977-5), MW-1 (500-206977-10), MW-2 (500-206977-11), PZ-5 (500-206977-14), PZ-5 DUP (500-206977-15), B-9 (500-206977-22) and B-12 (500-206977-23).

320-535204

Method: 3535 PFC-W

Method 3535: The following samples contained a thin layer of sediment at the bottom of the bottle prior to extraction: B-5 (500-206977-1), B-6 (500-206977-2), B-11 (500-206977-3), MW-11 (500-206977-4), MW-12 (500-206977-5), PZ-12 (500-206977-6), MW-1 (500-206977-10), MW-2 (500-206977-11), PZ-5 (500-206977-14), PZ-5 DUP (500-206977-15), B-9 (500-206977-22) and B-12 (500-206977-23).

320-535204

Method: 3535 PFC-W

Method 3535: The following samples contained floating particulates in the sample bottle prior to extraction: PZ-12 DUP (500-206977-7), PZ-10 (500-206977-12) and MW-13 (500-206977-25).

320-535204

Method: 3535 PFC-W

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-535545.

320-535545

Method: PFC_IDA_WI

Matrix: Water

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

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5

Lab Sample ID: 500-206977-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.33	J	0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.92	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.1	J	1.9	0.55	ng/L	1		537 (modified)	Total/NA
Arsenic	0.51	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: B-6

Lab Sample ID: 500-206977-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.98	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.2	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.1	J	1.9	0.51	ng/L	1		537 (modified)	Total/NA
Arsenic	0.92	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: B-11

Lab Sample ID: 500-206977-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.7		1.0	0.41	ug/L	1		8260B	Total/NA
Naphthalene	0.81	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Trichloroethene	0.40	J	0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.73	J	1.9	0.51	ng/L	1		537 (modified)	Total/NA
Arsenic	1.9		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8		1.0	0.41	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	19		1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	0.69	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Arsenic	1.5		1.0	0.23	ug/L	1		6020A	Dissolved
Barium	20		2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.71	J	2.0	0.37	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.86	J	1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	0.71	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Arsenic	0.49	J	1.0	0.23	ug/L	1		6020A	Dissolved
Barium	38		2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-12

Lab Sample ID: 500-206977-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.3		1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	0.65	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Arsenic	2.2		1.0	0.23	ug/L	1		6020A	Dissolved
Barium	67		2.5	0.73	ug/L	1		6020A	Dissolved
Lead	0.34	J	0.50	0.19	ug/L	1		6020A	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.2		1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	0.66	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Arsenic	2.1		1.0	0.23	ug/L	1		6020A	Dissolved
Barium	69		2.5	0.73	ug/L	1		6020A	Dissolved
Lead	0.34	J	0.50	0.19	ug/L	1		6020A	Dissolved

Client Sample ID: FB-01

Lab Sample ID: 500-206977-8

No Detections.

Client Sample ID: EB-01

Lab Sample ID: 500-206977-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.56	J B	1.0	0.34	ug/L	1		8260B	Total/NA
NETFOSE	0.82	J	1.8	0.78	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 500-206977-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.59	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.74	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Arsenic	1.2		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-2

Lab Sample ID: 500-206977-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.72	J	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.4	J	2.0	0.56	ng/L	1		537 (modified)	Total/NA
Arsenic	1.6		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-10

Lab Sample ID: 500-206977-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.17	J	0.50	0.15	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	22		1.0	0.41	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	76		1.0	0.39	ug/L	1		8260B	Total/NA
Trichloroethene	0.23	J	0.50	0.16	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.20	ug/L	1		8260B	Total/NA
Arsenic	0.54	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-10

Lab Sample ID: 500-206977-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.58	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	13		1.0	0.41	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	6.0		1.0	0.39	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.20	ug/L	1		8260B	Total/NA
Perfluoropentanoic acid (PFPeA)	0.50	J	1.9	0.45	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.26	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.7	J	1.9	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.48	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.82	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.1	J	1.9	0.50	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-10 (Continued)

Lab Sample ID: 500-206977-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.75	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-5

Lab Sample ID: 500-206977-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.36	J	1.0	0.32	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.88	J	1.0	0.39	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.28	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Arsenic	16		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-5 DUP

Lab Sample ID: 500-206977-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.64	J	1.0	0.32	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.80	J	1.0	0.39	ug/L	1		8260B	Total/NA
Trichloroethene	1.5		0.50	0.16	ug/L	1		8260B	Total/NA
Arsenic	16		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-5

Lab Sample ID: 500-206977-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.57	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L	1		8260B	Total/NA
Arsenic	0.72	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: OMPZ-4

Lab Sample ID: 500-206977-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	0.80	J	1.0	0.39	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.53	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.3		1.9	0.51	ng/L	1		537 (modified)	Total/NA
Arsenic	0.59	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: FB-03

Lab Sample ID: 500-206977-18

No Detections.

Client Sample ID: EB-03

Lab Sample ID: 500-206977-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.3	J	5.0	2.1	ug/L	1		8260B	Total/NA
Chloroform	0.42	J	2.0	0.37	ug/L	1		8260B	Total/NA
Toluene	0.58		0.50	0.15	ug/L	1		8260B	Total/NA
Xylenes, Total	0.22	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-206977-20

No Detections.

Client Sample ID: B-5A

Lab Sample ID: 500-206977-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.41	J	2.0	0.37	ug/L	1		8260B	Total/NA
Naphthalene	0.70	J B	1.0	0.34	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5A (Continued)

Lab Sample ID: 500-206977-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.4		4.8	2.3	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	8.4		1.9	0.52	ng/L	1		537 (modified)	Total/NA
Arsenic	0.49	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: B-9

Lab Sample ID: 500-206977-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.75	J	2.0	0.37	ug/L	1		8260B	Total/NA
Naphthalene	0.55	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.90	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.2	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.3		1.9	0.51	ng/L	1		537 (modified)	Total/NA
Arsenic	0.74	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: B-12

Lab Sample ID: 500-206977-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	36		1.0	0.41	ug/L	1		8260B	Total/NA
Naphthalene	0.58	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.8		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	4.2		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorooctanoic acid (PFOA)	0.88	J	1.9	0.82	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	1.9	0.55	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.86	J	1.9	0.52	ng/L	1		537 (modified)	Total/NA
Arsenic	3.9		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-13

Lab Sample ID: 500-206977-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L	1		8260B	Total/NA
Naphthalene	0.52	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.92	J	1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.90	J	1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.64	J I	1.9	0.50	ng/L	1		537 (modified)	Total/NA
Arsenic	0.87	J	1.0	0.23	ug/L	1		6020A	Dissolved
Barium	130		2.5	0.73	ug/L	1		6020A	Dissolved
Selenium	1.9	J	2.5	0.98	ug/L	1		6020A	Dissolved

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.40	J	2.0	0.37	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	0.60	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	110		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	7.5		1.0	0.35	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13 (Continued)

Lab Sample ID: 500-206977-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	70		0.50	0.16	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	690		10	4.1	ug/L	10		8260B	Total/NA
Perfluoropentanoic acid (PFPeA)	0.46	J	1.9	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.93	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.38	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.5		1.9	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.99	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	12		1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.4	I	1.9	0.50	ng/L	1		537 (modified)	Total/NA
Arsenic	0.92	J	1.0	0.23	ug/L	1		6020A	Dissolved
Barium	120		2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-14

Lab Sample ID: 500-206977-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		1.0	0.41	ug/L	1		8260B	Total/NA
Naphthalene	0.47	J B	1.0	0.34	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	3.2		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.80	J	1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.1	J I	1.8	0.49	ng/L	1		537 (modified)	Total/NA
Arsenic	2.9		1.0	0.23	ug/L	1		6020A	Dissolved
Barium	110		2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: MW-14

Lab Sample ID: 500-206977-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	100		1.0	0.41	ug/L	1		8260B	Total/NA
Naphthalene	0.49	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.7		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.4		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	14		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	2.7	J	4.8	2.3	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.0	J	1.9	0.47	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.0		1.9	0.55	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)	16		1.9	0.81	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.3	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.50	J	1.9	0.29	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	22		1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.50	J	1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	15		1.9	0.52	ng/L	1		537 (modified)	Total/NA
Arsenic	1.1		1.0	0.23	ug/L	1		6020A	Dissolved
Barium	100		2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: EB-02

Lab Sample ID: 500-206977-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	1.1	J	1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.58	J	1.7	0.49	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02 (Continued)

Lab Sample ID: 500-206977-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.93	J	1.7	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.38	J	1.7	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.4	J	1.7	0.45	ng/L	1		537 (modified)	Total/NA
NMeFOSAA	1.1	J	4.2	1.0	ng/L	1		537 (modified)	Total/NA
NMeFOSE	2.0	J	3.4	1.2	ng/L	1		537 (modified)	Total/NA
NEtFOSE	4.5		1.7	0.71	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.40	J	1.7	0.39	ng/L	1		537 (modified)	Total/NA
Arsenic	0.43	J	1.0	0.23	ug/L	1		6020A	Dissolved
Barium	1.9	J	2.5	0.73	ug/L	1		6020A	Dissolved

Client Sample ID: FB-02

Lab Sample ID: 500-206977-29

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 500-206977-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.48	J	2.0	0.37	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	2.2	J	4.7	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.57	J	1.9	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.3	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.43	J	1.9	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		1.9	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.93	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.31	J	1.9	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.7		1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.18	J	1.9	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	41		1.9	0.50	ng/L	1		537 (modified)	Total/NA
Arsenic	0.83	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: OMPZ-3

Lab Sample ID: 500-206977-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	120		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.6		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	7.7		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	7.2		0.50	0.16	ug/L	1		8260B	Total/NA
Perfluoropentanoic acid (PFPeA)	0.61	J	1.9	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.77	J	1.9	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.86	J	1.9	0.51	ng/L	1		537 (modified)	Total/NA
Arsenic	1.8		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-8

Lab Sample ID: 500-206977-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		1.0	0.41	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.93	J	1.0	0.35	ug/L	1		8260B	Total/NA
Perfluoropentanoic acid (PFPeA)	0.60	J	1.8	0.45	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.30	J	1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.94	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-8 (Continued)

Lab Sample ID: 500-206977-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	0.91	J	1.8	0.53	ng/L	1		537 (modified)	Total/NA
Arsenic	0.94	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-8

Lab Sample ID: 500-206977-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	180		1.0	0.41	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.45	J	1.0	0.39	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.9		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	17		0.50	0.16	ug/L	1		8260B	Total/NA
Vinyl chloride	1.2		1.0	0.20	ug/L	1		8260B	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		1.9	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.9		1.9	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.5	J	1.9	0.50	ng/L	1		537 (modified)	Total/NA
Arsenic	1.1		1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: PZ-9

Lab Sample ID: 500-206977-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	56		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	180		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	94		0.50	0.16	ug/L	1		8260B	Total/NA
Vinyl chloride	0.26	J	1.0	0.20	ug/L	1		8260B	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.77	J	1.9	0.19	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FB-04

Lab Sample ID: 500-206977-35

No Detections.

Client Sample ID: EB-04

Lab Sample ID: 500-206977-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.40	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Arsenic	0.38	J	1.0	0.23	ug/L	1		6020A	Dissolved

Client Sample ID: MW-9 DUP

Lab Sample ID: 500-206977-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.39	J B	1.0	0.34	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	2.2		1.0	0.38	ug/L	1		8260B	Total/NA
Perfluorobutanoic acid (PFBA)	2.2	J	4.6	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.55	J	1.8	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.3	J	1.8	0.53	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.51	J	1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		1.8	0.78	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.87	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.30	J	1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.8		1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.21	J	1.8	0.17	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9 DUP (Continued)

Lab Sample ID: 500-206977-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	41		1.8	0.50	ng/L	1		537 (modified)	Total/NA
Arsenic	0.87	J	1.0	0.23	ug/L	1		6020A	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago



Method Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
6020A	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL CHI
7470A	Preparation, Mercury	SW846	TAL CHI

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 CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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

Sample Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-206977-1	B-5	Water	10/13/21 10:01	10/16/21 11:30
500-206977-2	B-6	Water	10/13/21 10:55	10/16/21 11:30
500-206977-3	B-11	Water	10/13/21 11:31	10/16/21 11:30
500-206977-4	MW-11	Water	10/13/21 13:18	10/16/21 11:30
500-206977-5	MW-12	Water	10/13/21 14:07	10/16/21 11:30
500-206977-6	PZ-12	Water	10/13/21 15:20	10/16/21 11:30
500-206977-7	PZ-12 DUP	Water	10/13/21 15:20	10/16/21 11:30
500-206977-8	FB-01	Water	10/13/21 16:15	10/16/21 11:30
500-206977-9	EB-01	Water	10/13/21 16:30	10/16/21 11:30
500-206977-10	MW-1	Water	10/14/21 09:35	10/16/21 11:30
500-206977-11	MW-2	Water	10/14/21 10:15	10/16/21 11:30
500-206977-12	PZ-10	Water	10/14/21 11:05	10/16/21 11:30
500-206977-13	MW-10	Water	10/14/21 11:55	10/16/21 11:30
500-206977-14	PZ-5	Water	10/14/21 12:50	10/16/21 11:30
500-206977-15	PZ-5 DUP	Water	10/14/21 12:50	10/16/21 11:30
500-206977-16	MW-5	Water	10/14/21 13:35	10/16/21 11:30
500-206977-17	OMPZ-4	Water	10/14/21 14:30	10/16/21 11:30
500-206977-18	FB-03	Water	10/14/21 15:00	10/16/21 11:30
500-206977-19	EB-03	Water	10/14/21 15:15	10/16/21 11:30
500-206977-20	TRIP BLANK	Water	10/14/21 00:00	10/16/21 11:30
500-206977-21	B-5A	Water	10/13/21 10:03	10/16/21 11:30
500-206977-22	B-9	Water	10/13/21 11:00	10/16/21 11:30
500-206977-23	B-12	Water	10/13/21 11:56	10/16/21 11:30
500-206977-24	PZ-13	Water	10/13/21 13:15	10/16/21 11:30
500-206977-25	MW-13	Water	10/13/21 14:24	10/16/21 11:30
500-206977-26	PZ-14	Water	10/13/21 15:17	10/16/21 11:30
500-206977-27	MW-14	Water	10/13/21 16:07	10/16/21 11:30
500-206977-28	EB-02	Water	10/13/21 17:00	10/16/21 11:30
500-206977-29	FB-02	Water	10/13/21 17:00	10/16/21 11:30
500-206977-30	MW-9	Water	10/14/21 10:00	10/16/21 11:30
500-206977-31	OMPZ-3	Water	10/14/21 10:55	10/16/21 11:30
500-206977-32	PZ-8	Water	10/14/21 12:00	10/16/21 11:30
500-206977-33	MW-8	Water	10/14/21 12:50	10/16/21 11:30
500-206977-34	PZ-9	Water	10/14/21 14:00	10/16/21 11:30
500-206977-35	FB-04	Water	10/14/21 15:00	10/16/21 11:30
500-206977-36	EB-04	Water	10/14/21 15:00	10/16/21 11:30
500-206977-37	MW-9 DUP	Water	10/14/21 10:00	10/16/21 11:30

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5

Lab Sample ID: 500-206977-1

Date Collected: 10/13/21 10:01

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 12:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 12:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 12:18	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 12:18	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 12:18	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 12:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 12:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 12:18	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 12:18	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 12:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 12:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 12:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 12:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 12:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 12:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 12:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 12:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 12:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 12:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 12:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 12:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 12:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 12:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 12:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 12:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 12:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 12:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 12:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 12:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:18	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 12:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 12:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 12:18	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 12:18	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 12:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 12:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5

Lab Sample ID: 500-206977-1

Date Collected: 10/13/21 10:01

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 12:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 12:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 12:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 12:18	1
Trichloroethene	0.33	J	0.50	0.16	ug/L			10/27/21 12:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 12:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 12:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 12:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 12:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124					10/27/21 12:18	1
Dibromofluoromethane (Surr)	100		75 - 120					10/27/21 12:18	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 12:18	1
Toluene-d8 (Surr)	96		75 - 120					10/27/21 12:18	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		1.9	1.3	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		1.9	0.71	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorobutanesulfonic acid (PFBS)	0.92	J	1.9	0.19	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorohexanesulfonic acid (PFHxS)	1.1	J	1.9	0.55	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		10/19/21 04:55	10/19/21 22:27	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		10/19/21 04:55	10/19/21 22:27	1
NEtFOSA	<0.84		1.9	0.84	ng/L		10/19/21 04:55	10/19/21 22:27	1
NMeFOSA	<0.42		1.9	0.42	ng/L		10/19/21 04:55	10/19/21 22:27	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/19/21 22:27	1
NEtFOSAA	<1.3		4.8	1.3	ng/L		10/19/21 04:55	10/19/21 22:27	1
NMeFOSE	<1.4		3.9	1.4	ng/L		10/19/21 04:55	10/19/21 22:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5

Lab Sample ID: 500-206977-1

Date Collected: 10/13/21 10:01

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSE	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/19/21 22:27	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:27	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/19/21 22:27	1
8:2 FTS	<0.45		1.9	0.45	ng/L		10/19/21 04:55	10/19/21 22:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		10/19/21 04:55	10/19/21 22:27	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		10/19/21 04:55	10/19/21 22:27	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:27	1
11Cl-PF3OUdS	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/19/21 22:27	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C5 PFPeA	89		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 PFHxA	87		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C4 PFHpA	89		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C4 PFOA	92		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C5 PFNA	89		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 PFDA	89		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 PFUnA	85		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 PFDoA	86		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 PFTeDA	86		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C3 PFBS	83		25 - 150				10/19/21 04:55	10/19/21 22:27	1
18O2 PFHxS	83		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C4 PFOS	83		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C8 FOSA	84		10 - 150				10/19/21 04:55	10/19/21 22:27	1
d3-NMeFOSAA	85		25 - 150				10/19/21 04:55	10/19/21 22:27	1
d5-NEtFOSAA	84		25 - 150				10/19/21 04:55	10/19/21 22:27	1
d-N-MeFOSA-M	71		10 - 150				10/19/21 04:55	10/19/21 22:27	1
d-N-EtFOSA-M	71		10 - 150				10/19/21 04:55	10/19/21 22:27	1
d7-N-MeFOSE-M	77		10 - 150				10/19/21 04:55	10/19/21 22:27	1
d9-N-EtFOSE-M	80		10 - 150				10/19/21 04:55	10/19/21 22:27	1
M2-4:2 FTS	108		25 - 150				10/19/21 04:55	10/19/21 22:27	1
M2-6:2 FTS	98		25 - 150				10/19/21 04:55	10/19/21 22:27	1
M2-8:2 FTS	99		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C3 HFPO-DA	87		25 - 150				10/19/21 04:55	10/19/21 22:27	1
13C2 10:2 FTS	101		25 - 150				10/19/21 04:55	10/19/21 22:27	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.51	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 17:57	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-6

Lab Sample ID: 500-206977-2

Date Collected: 10/13/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 12:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 12:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 12:47	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 12:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 12:47	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 12:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 12:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 12:47	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 12:47	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 12:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 12:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 12:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 12:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 12:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 12:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 12:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 12:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 12:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 12:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 12:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 12:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 12:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 12:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 12:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 12:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 12:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 12:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 12:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 12:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:47	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 12:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 12:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 12:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 12:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 12:47	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 12:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 12:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-6

Lab Sample ID: 500-206977-2

Date Collected: 10/13/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 12:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 12:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 12:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 12:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 12:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 12:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 12:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 12:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 12:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 12:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 12:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/27/21 12:47	1
Dibromofluoromethane (Surr)	99		75 - 120		10/27/21 12:47	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 12:47	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 12:47	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorobutanesulfonic acid (PFBS)	0.98 J		1.9	0.19	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorohexanesulfonic acid (PFHxS)	1.2 J		1.9	0.54	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorooctanesulfonic acid (PFOS)	4.1		1.9	0.51	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/19/21 22:37	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/19/21 22:37	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/19/21 22:37	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/19/21 22:37	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/19/21 22:37	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/19/21 22:37	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-6

Lab Sample ID: 500-206977-2

Date Collected: 10/13/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/19/21 22:37	1
NEtFOSE	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:37	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:37	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 04:55	10/19/21 22:37	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/19/21 22:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/19/21 22:37	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/19/21 22:37	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:37	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C5 PFPeA	96		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 PFHxA	85		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C4 PFHpA	91		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C4 PFOA	93		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C5 PFNA	91		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 PFDA	91		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 PFUnA	91		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 PFDoA	85		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 PFTeDA	85		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C3 PFBS	84		25 - 150				10/19/21 04:55	10/19/21 22:37	1
18O2 PFHxS	83		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C4 PFOS	83		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C8 FOSA	83		10 - 150				10/19/21 04:55	10/19/21 22:37	1
d3-NMeFOSAA	84		25 - 150				10/19/21 04:55	10/19/21 22:37	1
d5-NEtFOSAA	84		25 - 150				10/19/21 04:55	10/19/21 22:37	1
d-N-MeFOSA-M	74		10 - 150				10/19/21 04:55	10/19/21 22:37	1
d-N-EtFOSA-M	73		10 - 150				10/19/21 04:55	10/19/21 22:37	1
d7-N-MeFOSE-M	78		10 - 150				10/19/21 04:55	10/19/21 22:37	1
d9-N-EtFOSE-M	81		10 - 150				10/19/21 04:55	10/19/21 22:37	1
M2-4:2 FTS	119		25 - 150				10/19/21 04:55	10/19/21 22:37	1
M2-6:2 FTS	103		25 - 150				10/19/21 04:55	10/19/21 22:37	1
M2-8:2 FTS	115		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C3 HFPO-DA	88		25 - 150				10/19/21 04:55	10/19/21 22:37	1
13C2 10:2 FTS	104		25 - 150				10/19/21 04:55	10/19/21 22:37	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.92	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:14	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-11

Lab Sample ID: 500-206977-3

Date Collected: 10/13/21 11:31

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 03:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 03:26	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 03:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 03:26	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 03:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 03:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 03:26	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 03:26	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 03:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 03:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 03:26	1
cis-1,2-Dichloroethene	5.7		1.0	0.41	ug/L			10/27/21 03:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 03:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 03:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 03:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 03:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 03:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 03:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 03:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 03:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 03:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 03:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 03:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 03:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 03:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 03:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
Naphthalene	0.81	J B	1.0	0.34	ug/L			10/27/21 03:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 03:26	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:26	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 03:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:26	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 03:26	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 03:26	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 03:26	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 03:26	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 03:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-11

Lab Sample ID: 500-206977-3

Date Collected: 10/13/21 11:31

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 03:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 03:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 03:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 03:26	1
Trichloroethene	0.40	J	0.50	0.16	ug/L			10/27/21 03:26	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 03:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 03:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 03:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124					10/27/21 03:26	1
Dibromofluoromethane (Surr)	98		75 - 120					10/27/21 03:26	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 03:26	1
Toluene-d8 (Surr)	99		75 - 120					10/27/21 03:26	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.9	0.19	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorohexanesulfonic acid (PFHxS)	1.0	J	1.9	0.54	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorooctanesulfonic acid (PFOS)	0.73	J	1.9	0.51	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/19/21 22:47	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/19/21 22:47	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/19/21 22:47	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/19/21 22:47	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/19/21 22:47	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/19/21 22:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-11

Lab Sample ID: 500-206977-3

Date Collected: 10/13/21 11:31

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/19/21 22:47	1
NEtFOSE	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:47	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:47	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 04:55	10/19/21 22:47	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/19/21 22:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/19/21 22:47	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/19/21 22:47	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:47	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C5 PFPeA	91		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 PFHxA	88		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C4 PFHpA	94		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C4 PFOA	97		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C5 PFNA	100		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 PFDA	92		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 PFUnA	87		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 PFDoA	89		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 PFTeDA	87		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C3 PFBS	86		25 - 150				10/19/21 04:55	10/19/21 22:47	1
18O2 PFHxS	82		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C4 PFOS	86		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C8 FOSA	85		10 - 150				10/19/21 04:55	10/19/21 22:47	1
d3-NMeFOSAA	79		25 - 150				10/19/21 04:55	10/19/21 22:47	1
d5-NEtFOSAA	86		25 - 150				10/19/21 04:55	10/19/21 22:47	1
d-N-MeFOSA-M	75		10 - 150				10/19/21 04:55	10/19/21 22:47	1
d-N-EtFOSA-M	76		10 - 150				10/19/21 04:55	10/19/21 22:47	1
d7-N-MeFOSE-M	83		10 - 150				10/19/21 04:55	10/19/21 22:47	1
d9-N-EtFOSE-M	85		10 - 150				10/19/21 04:55	10/19/21 22:47	1
M2-4:2 FTS	122		25 - 150				10/19/21 04:55	10/19/21 22:47	1
M2-6:2 FTS	108		25 - 150				10/19/21 04:55	10/19/21 22:47	1
M2-8:2 FTS	98		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C3 HFPO-DA	91		25 - 150				10/19/21 04:55	10/19/21 22:47	1
13C2 10:2 FTS	107		25 - 150				10/19/21 04:55	10/19/21 22:47	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:18	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Date Collected: 10/13/21 13:18

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 03:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 03:48	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 03:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 03:48	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 03:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 03:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 03:48	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 03:48	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 03:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 03:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 03:48	1
cis-1,2-Dichloroethene	5.8		1.0	0.41	ug/L			10/27/21 03:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 03:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 03:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 03:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 03:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 03:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 03:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 03:48	1
1,2-Dichloroethane	19		1.0	0.39	ug/L			10/27/21 03:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 03:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 03:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 03:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 03:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 03:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 03:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 03:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
Naphthalene	0.69	J B	1.0	0.34	ug/L			10/27/21 03:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 03:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:48	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 03:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 03:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 03:48	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 03:48	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 03:48	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 03:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Date Collected: 10/13/21 13:18

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 03:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 03:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 03:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 03:48	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 03:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 03:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 03:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 03:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124		10/27/21 03:48	1
Dibromofluoromethane (Surr)	99		75 - 120		10/27/21 03:48	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		10/27/21 03:48	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 03:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.83	0.26	ug/L		10/18/21 06:31	10/20/21 17:15	1
Acenaphthylene	<0.22		0.83	0.22	ug/L		10/18/21 06:31	10/20/21 17:15	1
Anthracene	<0.28		0.83	0.28	ug/L		10/18/21 06:31	10/20/21 17:15	1
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		10/18/21 06:31	10/20/21 17:15	1
Benzo[a]pyrene	<0.082		0.17	0.082	ug/L		10/18/21 06:31	10/20/21 17:15	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		10/18/21 06:31	10/20/21 17:15	1
Benzo[g,h,i]perylene	<0.31		0.83	0.31	ug/L		10/18/21 06:31	10/20/21 17:15	1
Benzo[k]fluoranthene	<0.053		0.17	0.053	ug/L		10/18/21 06:31	10/20/21 17:15	1
Chrysene	<0.057		0.17	0.057	ug/L		10/18/21 06:31	10/20/21 17:15	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 17:15	1
Fluoranthene	<0.38		0.83	0.38	ug/L		10/18/21 06:31	10/20/21 17:15	1
Fluorene	<0.20		0.83	0.20	ug/L		10/18/21 06:31	10/20/21 17:15	1
Indeno[1,2,3-cd]pyrene	<0.062		0.17	0.062	ug/L		10/18/21 06:31	10/20/21 17:15	1
Naphthalene	<0.26		0.83	0.26	ug/L		10/18/21 06:31	10/20/21 17:15	1
Phenanthrene	<0.25		0.83	0.25	ug/L		10/18/21 06:31	10/20/21 17:15	1
Pyrene	<0.36		0.83	0.36	ug/L		10/18/21 06:31	10/20/21 17:15	1
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		10/18/21 06:31	10/20/21 17:15	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		10/18/21 06:31	10/20/21 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		36 - 120	10/18/21 06:31	10/20/21 17:15	1
Terphenyl-d14 (Surr)	90		40 - 145	10/18/21 06:31	10/20/21 17:15	1
2-Fluorobiphenyl (Surr)	68		34 - 110	10/18/21 06:31	10/20/21 17:15	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/19/21 22:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Date Collected: 10/13/21 13:18

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/19/21 22:57	1
Perfluorooctanesulfonamide (FOSA)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/19/21 22:57	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/19/21 22:57	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/19/21 22:57	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/19/21 22:57	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/19/21 22:57	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/19/21 22:57	1
NEtFOSE	<0.80		1.9	0.80	ng/L		10/19/21 04:55	10/19/21 22:57	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:57	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 04:55	10/19/21 22:57	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/19/21 22:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/19/21 22:57	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/19/21 22:57	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 22:57	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 22:57	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C5 PFPeA	95		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 PFHxA	91		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C4 PFHpA	96		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C4 PFOA	96		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C5 PFNA	96		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 PFDA	91		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 PFUnA	92		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 PFDoA	87		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 PFTeDA	86		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C3 PFBS	86		25 - 150	10/19/21 04:55	10/19/21 22:57	1
18O2 PFHxS	84		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C4 PFOS	86		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C8 FOSA	83		10 - 150	10/19/21 04:55	10/19/21 22:57	1
d3-NMeFOSAA	81		25 - 150	10/19/21 04:55	10/19/21 22:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Date Collected: 10/13/21 13:18

Matrix: Water

Date Received: 10/16/21 11:30

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>
d5-NEtFOSAA	91		25 - 150	10/19/21 04:55	10/19/21 22:57	1
d-N-MeFOSA-M	74		10 - 150	10/19/21 04:55	10/19/21 22:57	1
d-N-EtFOSA-M	76		10 - 150	10/19/21 04:55	10/19/21 22:57	1
d7-N-MeFOSE-M	83		10 - 150	10/19/21 04:55	10/19/21 22:57	1
d9-N-EtFOSE-M	84		10 - 150	10/19/21 04:55	10/19/21 22:57	1
M2-4:2 FTS	117		25 - 150	10/19/21 04:55	10/19/21 22:57	1
M2-6:2 FTS	107		25 - 150	10/19/21 04:55	10/19/21 22:57	1
M2-8:2 FTS	106		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C3 HFPO-DA	93		25 - 150	10/19/21 04:55	10/19/21 22:57	1
13C2 10:2 FTS	101		25 - 150	10/19/21 04:55	10/19/21 22:57	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	1.5		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:21	1
Barium	20		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 18:21	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 18:21	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 18:21	1
Lead	<0.19		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 18:21	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 18:21	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 18:21	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 08:34	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Date Collected: 10/13/21 14:07

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 04:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 04:10	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 04:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 04:10	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 04:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 04:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 04:10	1
Chloroform	0.71	J	2.0	0.37	ug/L			10/27/21 04:10	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 04:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 04:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 04:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 04:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 04:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 04:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 04:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 04:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 04:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 04:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 04:10	1
1,2-Dichloroethane	0.86	J	1.0	0.39	ug/L			10/27/21 04:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 04:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 04:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 04:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 04:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 04:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 04:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 04:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
Naphthalene	0.71	J B	1.0	0.34	ug/L			10/27/21 04:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 04:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:10	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 04:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 04:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 04:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 04:10	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 04:10	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 04:10	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Date Collected: 10/13/21 14:07

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 04:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 04:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 04:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 04:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 04:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 04:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 04:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 04:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		10/27/21 04:10	1
Dibromofluoromethane (Surr)	98		75 - 120		10/27/21 04:10	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 04:10	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 04:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.81	0.25	ug/L		10/18/21 06:31	10/20/21 17:39	1
Acenaphthylene	<0.22		0.81	0.22	ug/L		10/18/21 06:31	10/20/21 17:39	1
Anthracene	<0.27		0.81	0.27	ug/L		10/18/21 06:31	10/20/21 17:39	1
Benzo[a]anthracene	<0.046		0.16	0.046	ug/L		10/18/21 06:31	10/20/21 17:39	1
Benzo[a]pyrene	<0.080		0.16	0.080	ug/L		10/18/21 06:31	10/20/21 17:39	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		10/18/21 06:31	10/20/21 17:39	1
Benzo[g,h,i]perylene	<0.30		0.81	0.30	ug/L		10/18/21 06:31	10/20/21 17:39	1
Benzo[k]fluoranthene	<0.052		0.16	0.052	ug/L		10/18/21 06:31	10/20/21 17:39	1
Chrysene	<0.055		0.16	0.055	ug/L		10/18/21 06:31	10/20/21 17:39	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		10/18/21 06:31	10/20/21 17:39	1
Fluoranthene	<0.37		0.81	0.37	ug/L		10/18/21 06:31	10/20/21 17:39	1
Fluorene	<0.20		0.81	0.20	ug/L		10/18/21 06:31	10/20/21 17:39	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		10/18/21 06:31	10/20/21 17:39	1
Naphthalene	<0.25		0.81	0.25	ug/L		10/18/21 06:31	10/20/21 17:39	1
Phenanthrene	<0.24		0.81	0.24	ug/L		10/18/21 06:31	10/20/21 17:39	1
Pyrene	<0.35		0.81	0.35	ug/L		10/18/21 06:31	10/20/21 17:39	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		10/18/21 06:31	10/20/21 17:39	1
2-Methylnaphthalene	<0.053		1.6	0.053	ug/L		10/18/21 06:31	10/20/21 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		36 - 120	10/18/21 06:31	10/20/21 17:39	1
Terphenyl-d14 (Surr)	92		40 - 145	10/18/21 06:31	10/20/21 17:39	1
2-Fluorobiphenyl (Surr)	74		34 - 110	10/18/21 06:31	10/20/21 17:39	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/19/21 23:07	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Date Collected: 10/13/21 14:07

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/19/21 23:07	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/19/21 23:07	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 04:55	10/19/21 23:07	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/19/21 23:07	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		10/19/21 04:55	10/19/21 23:07	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/19/21 23:07	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/19/21 23:07	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/19/21 23:07	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 23:07	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/19/21 23:07	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/19/21 23:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/19/21 23:07	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/19/21 23:07	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 23:07	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:07	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C5 PFPeA	95		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 PFHxA	97		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C4 PFHpA	95		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C4 PFOA	98		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C5 PFNA	104		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 PFDA	97		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 PFUnA	93		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 PFDoA	91		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 PFTeDA	90		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C3 PFBS	95		25 - 150	10/19/21 04:55	10/19/21 23:07	1
18O2 PFHxS	93		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C4 PFOS	90		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C8 FOSA	91		10 - 150	10/19/21 04:55	10/19/21 23:07	1
d3-NMeFOSAA	87		25 - 150	10/19/21 04:55	10/19/21 23:07	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Date Collected: 10/13/21 14:07

Matrix: Water

Date Received: 10/16/21 11:30

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>
d5-NEtFOSAA	88		25 - 150	10/19/21 04:55	10/19/21 23:07	1
d-N-MeFOSA-M	78		10 - 150	10/19/21 04:55	10/19/21 23:07	1
d-N-EtFOSA-M	80		10 - 150	10/19/21 04:55	10/19/21 23:07	1
d7-N-MeFOSE-M	84		10 - 150	10/19/21 04:55	10/19/21 23:07	1
d9-N-EtFOSE-M	86		10 - 150	10/19/21 04:55	10/19/21 23:07	1
M2-4:2 FTS	125		25 - 150	10/19/21 04:55	10/19/21 23:07	1
M2-6:2 FTS	110		25 - 150	10/19/21 04:55	10/19/21 23:07	1
M2-8:2 FTS	112		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C3 HFPO-DA	96		25 - 150	10/19/21 04:55	10/19/21 23:07	1
13C2 10:2 FTS	102		25 - 150	10/19/21 04:55	10/19/21 23:07	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	0.49	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:32	1
Barium	38		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 18:32	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 18:32	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 18:32	1
Lead	<0.19		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 18:32	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 18:32	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 18:32	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 08:36	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12
Date Collected: 10/13/21 15:20
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 04:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 04:32	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 04:32	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 04:32	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 04:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 04:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 04:32	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 04:32	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 04:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 04:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 04:32	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 04:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 04:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 04:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 04:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 04:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 04:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 04:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 04:32	1
1,2-Dichloroethane	1.3		1.0	0.39	ug/L			10/27/21 04:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 04:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 04:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 04:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 04:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 04:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 04:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 04:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
Naphthalene	0.65	J B	1.0	0.34	ug/L			10/27/21 04:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 04:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:32	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 04:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:32	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 04:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 04:32	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 04:32	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 04:32	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 04:32	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12
Date Collected: 10/13/21 15:20
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 04:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 04:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 04:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 04:32	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 04:32	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:32	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 04:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 04:32	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 04:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					10/27/21 04:32	1
Dibromofluoromethane (Surr)	98		75 - 120					10/27/21 04:32	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 04:32	1
Toluene-d8 (Surr)	98		75 - 120					10/27/21 04:32	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:03	1
Acenaphthylene	<0.22		0.82	0.22	ug/L		10/18/21 06:31	10/20/21 18:03	1
Anthracene	<0.27		0.82	0.27	ug/L		10/18/21 06:31	10/20/21 18:03	1
Benzo[a]anthracene	<0.047		0.16	0.047	ug/L		10/18/21 06:31	10/20/21 18:03	1
Benzo[a]pyrene	<0.081		0.16	0.081	ug/L		10/18/21 06:31	10/20/21 18:03	1
Benzo[b]fluoranthene	<0.066		0.16	0.066	ug/L		10/18/21 06:31	10/20/21 18:03	1
Benzo[g,h,i]perylene	<0.31		0.82	0.31	ug/L		10/18/21 06:31	10/20/21 18:03	1
Benzo[k]fluoranthene	<0.053		0.16	0.053	ug/L		10/18/21 06:31	10/20/21 18:03	1
Chrysene	<0.056		0.16	0.056	ug/L		10/18/21 06:31	10/20/21 18:03	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 18:03	1
Fluoranthene	<0.37		0.82	0.37	ug/L		10/18/21 06:31	10/20/21 18:03	1
Fluorene	<0.20		0.82	0.20	ug/L		10/18/21 06:31	10/20/21 18:03	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		10/18/21 06:31	10/20/21 18:03	1
Naphthalene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:03	1
Phenanthrene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:03	1
Pyrene	<0.35		0.82	0.35	ug/L		10/18/21 06:31	10/20/21 18:03	1
1-Methylnaphthalene	<0.25		1.6	0.25	ug/L		10/18/21 06:31	10/20/21 18:03	1
2-Methylnaphthalene	<0.054		1.6	0.054	ug/L		10/18/21 06:31	10/20/21 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	75		36 - 120				10/18/21 06:31	10/20/21 18:03	1
Terphenyl-d14 (Surr)	97		40 - 145				10/18/21 06:31	10/20/21 18:03	1
2-Fluorobiphenyl (Surr)	70		34 - 110				10/18/21 06:31	10/20/21 18:03	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/19/21 23:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12
Date Collected: 10/13/21 15:20
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/19/21 23:17	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/19/21 23:17	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 04:55	10/19/21 23:17	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/19/21 23:17	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		10/19/21 04:55	10/19/21 23:17	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/19/21 23:17	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/19/21 23:17	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/19/21 23:17	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 23:17	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/19/21 23:17	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/19/21 23:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/19/21 23:17	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/19/21 23:17	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 23:17	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C5 PFPeA	100		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 PFHxA	98		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C4 PFHpA	97		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C4 PFOA	95		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C5 PFNA	102		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 PFDA	96		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 PFUnA	95		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 PFDoA	97		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 PFTeDA	97		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C3 PFBS	89		25 - 150	10/19/21 04:55	10/19/21 23:17	1
18O2 PFHxS	90		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C4 PFOS	90		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C8 FOSA	92		10 - 150	10/19/21 04:55	10/19/21 23:17	1
d3-NMeFOSAA	94		25 - 150	10/19/21 04:55	10/19/21 23:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12
Date Collected: 10/13/21 15:20
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-6
Matrix: Water

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>
d5-NEtFOSAA	90		25 - 150	10/19/21 04:55	10/19/21 23:17	1
d-N-MeFOSA-M	82		10 - 150	10/19/21 04:55	10/19/21 23:17	1
d-N-EtFOSA-M	82		10 - 150	10/19/21 04:55	10/19/21 23:17	1
d7-N-MeFOSE-M	88		10 - 150	10/19/21 04:55	10/19/21 23:17	1
d9-N-EtFOSE-M	92		10 - 150	10/19/21 04:55	10/19/21 23:17	1
M2-4:2 FTS	117		25 - 150	10/19/21 04:55	10/19/21 23:17	1
M2-6:2 FTS	111		25 - 150	10/19/21 04:55	10/19/21 23:17	1
M2-8:2 FTS	103		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C3 HFPO-DA	95		25 - 150	10/19/21 04:55	10/19/21 23:17	1
13C2 10:2 FTS	115		25 - 150	10/19/21 04:55	10/19/21 23:17	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:35	1
Barium	67		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 18:35	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 18:35	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 18:35	1
Lead	0.34 J		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 18:35	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 18:35	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 18:35	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 08:39	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 04:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 04:54	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 04:54	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 04:54	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 04:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 04:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 04:54	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 04:54	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 04:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 04:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 04:54	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 04:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 04:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 04:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 04:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 04:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 04:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 04:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 04:54	1
1,2-Dichloroethane	1.2		1.0	0.39	ug/L			10/27/21 04:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 04:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 04:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 04:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 04:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 04:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 04:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 04:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
Naphthalene	0.66	J B	1.0	0.34	ug/L			10/27/21 04:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 04:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:54	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 04:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 04:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 04:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 04:54	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 04:54	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 04:54	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 04:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 04:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 04:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 04:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 04:54	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 04:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 04:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 04:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 04:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 04:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 04:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		10/27/21 04:54	1
Dibromofluoromethane (Surr)	97		75 - 120		10/27/21 04:54	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		10/27/21 04:54	1
Toluene-d8 (Surr)	99		75 - 120		10/27/21 04:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 18:27	1
Acenaphthylene	<0.24		0.88	0.24	ug/L		10/18/21 06:31	10/20/21 18:27	1
Anthracene	<0.30		0.88	0.30	ug/L		10/18/21 06:31	10/20/21 18:27	1
Benzo[a]anthracene	<0.050		0.18	0.050	ug/L		10/18/21 06:31	10/20/21 18:27	1
Benzo[a]pyrene	<0.087		0.18	0.087	ug/L		10/18/21 06:31	10/20/21 18:27	1
Benzo[b]fluoranthene	<0.071		0.18	0.071	ug/L		10/18/21 06:31	10/20/21 18:27	1
Benzo[g,h,i]perylene	<0.33		0.88	0.33	ug/L		10/18/21 06:31	10/20/21 18:27	1
Benzo[k]fluoranthene	<0.057		0.18	0.057	ug/L		10/18/21 06:31	10/20/21 18:27	1
Chrysene	<0.060		0.18	0.060	ug/L		10/18/21 06:31	10/20/21 18:27	1
Dibenz(a,h)anthracene	<0.045		0.27	0.045	ug/L		10/18/21 06:31	10/20/21 18:27	1
Fluoranthene	<0.40		0.88	0.40	ug/L		10/18/21 06:31	10/20/21 18:27	1
Fluorene	<0.22		0.88	0.22	ug/L		10/18/21 06:31	10/20/21 18:27	1
Indeno[1,2,3-cd]pyrene	<0.066		0.18	0.066	ug/L		10/18/21 06:31	10/20/21 18:27	1
Naphthalene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 18:27	1
Phenanthrene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 18:27	1
Pyrene	<0.38		0.88	0.38	ug/L		10/18/21 06:31	10/20/21 18:27	1
1-Methylnaphthalene	<0.27		1.8	0.27	ug/L		10/18/21 06:31	10/20/21 18:27	1
2-Methylnaphthalene	<0.058		1.8	0.058	ug/L		10/18/21 06:31	10/20/21 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	72		36 - 120	10/18/21 06:31	10/20/21 18:27	1
Terphenyl-d14 (Surr)	93		40 - 145	10/18/21 06:31	10/20/21 18:27	1
2-Fluorobiphenyl (Surr)	70		34 - 110	10/18/21 06:31	10/20/21 18:27	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/19/21 23:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/19/21 23:27	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/19/21 23:27	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/19/21 23:27	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/19/21 23:27	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/19/21 23:27	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/19/21 23:27	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 04:55	10/19/21 23:27	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/19/21 23:27	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/19/21 23:27	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/19/21 23:27	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/19/21 23:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 04:55	10/19/21 23:27	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 04:55	10/19/21 23:27	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/19/21 23:27	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/19/21 23:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C5 PFPeA	98		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 PFHxA	95		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C4 PFHpA	100		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C4 PFOA	99		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C5 PFNA	103		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 PFDA	98		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 PFUnA	96		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 PFDoA	93		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 PFTeDA	96		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C3 PFBS	93		25 - 150	10/19/21 04:55	10/19/21 23:27	1
18O2 PFHxS	87		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C4 PFOS	89		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C8 FOSA	91		10 - 150	10/19/21 04:55	10/19/21 23:27	1
d3-NMeFOSAA	85		25 - 150	10/19/21 04:55	10/19/21 23:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

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>
d5-NEtFOSAA	92		25 - 150	10/19/21 04:55	10/19/21 23:27	1
d-N-MeFOSA-M	83		10 - 150	10/19/21 04:55	10/19/21 23:27	1
d-N-EtFOSA-M	78		10 - 150	10/19/21 04:55	10/19/21 23:27	1
d7-N-MeFOSE-M	90		10 - 150	10/19/21 04:55	10/19/21 23:27	1
d9-N-EtFOSE-M	93		10 - 150	10/19/21 04:55	10/19/21 23:27	1
M2-4:2 FTS	111		25 - 150	10/19/21 04:55	10/19/21 23:27	1
M2-6:2 FTS	107		25 - 150	10/19/21 04:55	10/19/21 23:27	1
M2-8:2 FTS	111		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C3 HFPO-DA	97		25 - 150	10/19/21 04:55	10/19/21 23:27	1
13C2 10:2 FTS	114		25 - 150	10/19/21 04:55	10/19/21 23:27	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	2.1		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:38	1
Barium	69		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 18:38	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 18:38	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 18:38	1
Lead	0.34 J		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 18:38	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 18:38	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 18:38	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 08:41	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-01
Date Collected: 10/13/21 16:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-8
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 05:09	10/20/21 04:00	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 05:09	10/20/21 04:00	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 05:09	10/20/21 04:00	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 05:09	10/20/21 04:00	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 04:00	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 04:00	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 05:09	10/20/21 04:00	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 04:00	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 04:00	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 05:09	10/20/21 04:00	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 05:09	10/20/21 04:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 05:09	10/20/21 04:00	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 05:09	10/20/21 04:00	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 04:00	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 04:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	95		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C5 PFPeA	105		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C2 PFHxA	100		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C4 PFHpA	100		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C4 PFOA	105		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C5 PFNA	105		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C2 PFDA	103		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C2 PFUnA	95		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C2 PFDoA	94		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C2 PFTeDA	98		25 - 150				10/19/21 05:09	10/20/21 04:00	1
13C3 PFBS	101		25 - 150				10/19/21 05:09	10/20/21 04:00	1
18O2 PFHxS	100		25 - 150				10/19/21 05:09	10/20/21 04:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-01
Date Collected: 10/13/21 16:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-8
Matrix: Water

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>
13C4 PFOS	104		25 - 150	10/19/21 05:09	10/20/21 04:00	1
13C8 FOSA	96		10 - 150	10/19/21 05:09	10/20/21 04:00	1
d3-NMeFOSAA	94		25 - 150	10/19/21 05:09	10/20/21 04:00	1
d5-NEtFOSAA	102		25 - 150	10/19/21 05:09	10/20/21 04:00	1
d-N-MeFOSA-M	69		10 - 150	10/19/21 05:09	10/20/21 04:00	1
d-N-EtFOSA-M	73		10 - 150	10/19/21 05:09	10/20/21 04:00	1
d7-N-MeFOSE-M	85		10 - 150	10/19/21 05:09	10/20/21 04:00	1
d9-N-EtFOSE-M	93		10 - 150	10/19/21 05:09	10/20/21 04:00	1
M2-4:2 FTS	119		25 - 150	10/19/21 05:09	10/20/21 04:00	1
M2-6:2 FTS	118		25 - 150	10/19/21 05:09	10/20/21 04:00	1
M2-8:2 FTS	122		25 - 150	10/19/21 05:09	10/20/21 04:00	1
13C3 HFPO-DA	102		25 - 150	10/19/21 05:09	10/20/21 04:00	1
13C2 10:2 FTS	111		25 - 150	10/19/21 05:09	10/20/21 04:00	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-01
Date Collected: 10/13/21 16:30
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 05:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 05:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 05:16	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 05:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 05:16	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 05:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 05:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 05:16	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 05:16	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 05:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 05:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 05:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 05:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 05:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 05:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 05:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 05:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 05:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 05:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 05:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 05:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 05:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 05:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 05:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 05:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 05:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 05:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
Naphthalene	0.56	J B	1.0	0.34	ug/L			10/27/21 05:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 05:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:16	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 05:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 05:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 05:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 05:16	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 05:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 05:16	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-01
Date Collected: 10/13/21 16:30
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 05:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 05:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 05:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 05:16	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 05:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 05:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 05:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 05:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 05:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					10/27/21 05:16	1
Dibromofluoromethane (Surr)	98		75 - 120					10/27/21 05:16	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126					10/27/21 05:16	1
Toluene-d8 (Surr)	96		75 - 120					10/27/21 05:16	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:51	1
Acenaphthylene	<0.22		0.82	0.22	ug/L		10/18/21 06:31	10/20/21 18:51	1
Anthracene	<0.28		0.82	0.28	ug/L		10/18/21 06:31	10/20/21 18:51	1
Benzo[a]anthracene	<0.047		0.16	0.047	ug/L		10/18/21 06:31	10/20/21 18:51	1
Benzo[a]pyrene	<0.082		0.16	0.082	ug/L		10/18/21 06:31	10/20/21 18:51	1
Benzo[b]fluoranthene	<0.066		0.16	0.066	ug/L		10/18/21 06:31	10/20/21 18:51	1
Benzo[g,h,i]perylene	<0.31		0.82	0.31	ug/L		10/18/21 06:31	10/20/21 18:51	1
Benzo[k]fluoranthene	<0.053		0.16	0.053	ug/L		10/18/21 06:31	10/20/21 18:51	1
Chrysene	<0.056		0.16	0.056	ug/L		10/18/21 06:31	10/20/21 18:51	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 18:51	1
Fluoranthene	<0.37		0.82	0.37	ug/L		10/18/21 06:31	10/20/21 18:51	1
Fluorene	<0.20		0.82	0.20	ug/L		10/18/21 06:31	10/20/21 18:51	1
Indeno[1,2,3-cd]pyrene	<0.062		0.16	0.062	ug/L		10/18/21 06:31	10/20/21 18:51	1
Naphthalene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:51	1
Phenanthrene	<0.25		0.82	0.25	ug/L		10/18/21 06:31	10/20/21 18:51	1
Pyrene	<0.35		0.82	0.35	ug/L		10/18/21 06:31	10/20/21 18:51	1
1-Methylnaphthalene	<0.25		1.6	0.25	ug/L		10/18/21 06:31	10/20/21 18:51	1
2-Methylnaphthalene	<0.054		1.6	0.054	ug/L		10/18/21 06:31	10/20/21 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	75		36 - 120				10/18/21 06:31	10/20/21 18:51	1
Terphenyl-d14 (Surr)	92		40 - 145				10/18/21 06:31	10/20/21 18:51	1
2-Fluorobiphenyl (Surr)	69		34 - 110				10/18/21 06:31	10/20/21 18:51	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		10/19/21 05:09	10/20/21 04:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-01
Date Collected: 10/13/21 16:30
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.52		1.8	0.52	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		10/19/21 05:09	10/20/21 04:11	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		10/19/21 05:09	10/20/21 04:11	1
NEtFOSA	<0.80		1.8	0.80	ng/L		10/19/21 05:09	10/20/21 04:11	1
NMeFOSA	<0.40		1.8	0.40	ng/L		10/19/21 05:09	10/20/21 04:11	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 05:09	10/20/21 04:11	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 05:09	10/20/21 04:11	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 04:11	1
NEtFOSE	0.82 J		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 04:11	1
4:2 FTS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:11	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 05:09	10/20/21 04:11	1
8:2 FTS	<0.42		1.8	0.42	ng/L		10/19/21 05:09	10/20/21 04:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		10/19/21 05:09	10/20/21 04:11	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 04:11	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:11	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:11	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C5 PFPeA	105		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 PFHxA	98		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C4 PFHpA	101		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C4 PFOA	102		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C5 PFNA	112		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 PFDA	108		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 PFUnA	96		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 PFDoA	94		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 PFTeDA	95		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C3 PFBS	98		25 - 150	10/19/21 05:09	10/20/21 04:11	1
18O2 PFHxS	96		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C4 PFOS	101		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C8 FOSA	94		10 - 150	10/19/21 05:09	10/20/21 04:11	1
d3-NMeFOSAA	92		25 - 150	10/19/21 05:09	10/20/21 04:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-01
Date Collected: 10/13/21 16:30
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-9
Matrix: Water

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>
d5-NEtFOSAA	89		25 - 150	10/19/21 05:09	10/20/21 04:11	1
d-N-MeFOSA-M	71		10 - 150	10/19/21 05:09	10/20/21 04:11	1
d-N-EtFOSA-M	72		10 - 150	10/19/21 05:09	10/20/21 04:11	1
d7-N-MeFOSE-M	88		10 - 150	10/19/21 05:09	10/20/21 04:11	1
d9-N-EtFOSE-M	92		10 - 150	10/19/21 05:09	10/20/21 04:11	1
M2-4:2 FTS	118		25 - 150	10/19/21 05:09	10/20/21 04:11	1
M2-6:2 FTS	114		25 - 150	10/19/21 05:09	10/20/21 04:11	1
M2-8:2 FTS	134		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C3 HFPO-DA	104		25 - 150	10/19/21 05:09	10/20/21 04:11	1
13C2 10:2 FTS	117		25 - 150	10/19/21 05:09	10/20/21 04:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	<0.23		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:42	1
Barium	<0.73		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 18:42	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 18:42	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 18:42	1
Lead	<0.19		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 18:42	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 18:42	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 18:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 08:43	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-1

Lab Sample ID: 500-206977-10

Date Collected: 10/14/21 09:35

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 05:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 05:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 05:38	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 05:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 05:38	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 05:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 05:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 05:38	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 05:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 05:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 05:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 05:38	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 05:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 05:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 05:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 05:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 05:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 05:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 05:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 05:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 05:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 05:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 05:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 05:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 05:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 05:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 05:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
Naphthalene	0.59	J B	1.0	0.34	ug/L			10/27/21 05:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 05:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:38	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 05:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 05:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 05:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 05:38	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 05:38	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 05:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 05:38	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-1

Lab Sample ID: 500-206977-10

Date Collected: 10/14/21 09:35

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 05:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 05:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 05:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 05:38	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 05:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 05:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 05:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 05:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 05:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 05:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 05:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		10/27/21 05:38	1
Dibromofluoromethane (Surr)	98		75 - 120		10/27/21 05:38	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		10/27/21 05:38	1
Toluene-d8 (Surr)	97		75 - 120		10/27/21 05:38	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorobutanesulfonic acid (PFBS)	0.74 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorohexanesulfonic acid (PFHxS)	1.3 J		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorooctanesulfonic acid (PFOS)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/20/21 00:08	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/20/21 00:08	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/20/21 00:08	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/20/21 00:08	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/20/21 00:08	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/20/21 00:08	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/20/21 00:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-1

Lab Sample ID: 500-206977-10

Date Collected: 10/14/21 09:35

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 00:08	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:08	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 04:55	10/20/21 00:08	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/20/21 00:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/20/21 00:08	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/20/21 00:08	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:08	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:08	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C5 PFPeA	104		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 PFHxA	94		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C4 PFHpA	91		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C4 PFOA	99		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C5 PFNA	95		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 PFDA	94		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 PFUnA	96		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 PFDoA	91		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 PFTeDA	91		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C3 PFBS	90		25 - 150				10/19/21 04:55	10/20/21 00:08	1
18O2 PFHxS	90		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C4 PFOS	88		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C8 FOSA	89		10 - 150				10/19/21 04:55	10/20/21 00:08	1
d3-NMeFOSAA	88		25 - 150				10/19/21 04:55	10/20/21 00:08	1
d5-NEtFOSAA	93		25 - 150				10/19/21 04:55	10/20/21 00:08	1
d-N-MeFOSA-M	79		10 - 150				10/19/21 04:55	10/20/21 00:08	1
d-N-EtFOSA-M	81		10 - 150				10/19/21 04:55	10/20/21 00:08	1
d7-N-MeFOSE-M	84		10 - 150				10/19/21 04:55	10/20/21 00:08	1
d9-N-EtFOSE-M	88		10 - 150				10/19/21 04:55	10/20/21 00:08	1
M2-4:2 FTS	123		25 - 150				10/19/21 04:55	10/20/21 00:08	1
M2-6:2 FTS	111		25 - 150				10/19/21 04:55	10/20/21 00:08	1
M2-8:2 FTS	113		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C3 HFPO-DA	97		25 - 150				10/19/21 04:55	10/20/21 00:08	1
13C2 10:2 FTS	109		25 - 150				10/19/21 04:55	10/20/21 00:08	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:45	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-2

Lab Sample ID: 500-206977-11

Date Collected: 10/14/21 10:15

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 13:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 13:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 13:16	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 13:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 13:16	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 13:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 13:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 13:16	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 13:16	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 13:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 13:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 13:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 13:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 13:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 13:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 13:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 13:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 13:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 13:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 13:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 13:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 13:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 13:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 13:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 13:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 13:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 13:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 13:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 13:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:16	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 13:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 13:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 13:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 13:16	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 13:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 13:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-2

Lab Sample ID: 500-206977-11

Date Collected: 10/14/21 10:15

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 13:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 13:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 13:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 13:16	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 13:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 13:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 13:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 13:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 13:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		10/27/21 13:16	1
Dibromofluoromethane (Surr)	101		75 - 120		10/27/21 13:16	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 13:16	1
Toluene-d8 (Surr)	97		75 - 120		10/27/21 13:16	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorohexanoic acid (PFHxA)	<0.57		2.0	0.57	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluoroheptanoic acid (PFHpA)	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorooctanoic acid (PFOA)	<0.83		2.0	0.83	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorononanoic acid (PFNA)	<0.26		2.0	0.26	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorodecanoic acid (PFDA)	<0.30		2.0	0.30	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorobutanesulfonic acid (PFBS)	0.72 J		2.0	0.20	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		2.0	0.29	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorohexanesulfonic acid (PFHxS)	1.4 J		2.0	0.56	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		2.0	0.31	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorododecanesulfonic acid (PFDoS)	<0.95		2.0	0.95	ng/L		10/19/21 04:55	10/20/21 00:18	1
Perfluorooctanesulfonamide (FOSA)	<0.96		2.0	0.96	ng/L		10/19/21 04:55	10/20/21 00:18	1
NEtFOSA	<0.85		2.0	0.85	ng/L		10/19/21 04:55	10/20/21 00:18	1
NMeFOSA	<0.42		2.0	0.42	ng/L		10/19/21 04:55	10/20/21 00:18	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		10/19/21 04:55	10/20/21 00:18	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		10/19/21 04:55	10/20/21 00:18	1
NMeFOSE	<1.4		3.9	1.4	ng/L		10/19/21 04:55	10/20/21 00:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-2

Lab Sample ID: 500-206977-11

Date Collected: 10/14/21 10:15

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSE	<0.83		2.0	0.83	ng/L		10/19/21 04:55	10/20/21 00:18	1
4:2 FTS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/20/21 00:18	1
6:2 FTS	<2.4		4.9	2.4	ng/L		10/19/21 04:55	10/20/21 00:18	1
8:2 FTS	<0.45		2.0	0.45	ng/L		10/19/21 04:55	10/20/21 00:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		10/19/21 04:55	10/20/21 00:18	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		10/19/21 04:55	10/20/21 00:18	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/20/21 00:18	1
11CI-PF3OUdS	<0.31		2.0	0.31	ng/L		10/19/21 04:55	10/20/21 00:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C5 PFPeA	85		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 PFHxA	87		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C4 PFHpA	86		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C4 PFOA	86		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C5 PFNA	86		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 PFDA	84		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 PFUnA	83		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 PFDoA	81		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 PFTeDA	81		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C3 PFBS	85		25 - 150				10/19/21 04:55	10/20/21 00:18	1
18O2 PFHxS	82		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C4 PFOS	84		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C8 FOSA	80		10 - 150				10/19/21 04:55	10/20/21 00:18	1
d3-NMeFOSAA	78		25 - 150				10/19/21 04:55	10/20/21 00:18	1
d5-NEtFOSAA	80		25 - 150				10/19/21 04:55	10/20/21 00:18	1
d-N-MeFOSA-M	70		10 - 150				10/19/21 04:55	10/20/21 00:18	1
d-N-EtFOSA-M	70		10 - 150				10/19/21 04:55	10/20/21 00:18	1
d7-N-MeFOSE-M	73		10 - 150				10/19/21 04:55	10/20/21 00:18	1
d9-N-EtFOSE-M	78		10 - 150				10/19/21 04:55	10/20/21 00:18	1
M2-4:2 FTS	105		25 - 150				10/19/21 04:55	10/20/21 00:18	1
M2-6:2 FTS	100		25 - 150				10/19/21 04:55	10/20/21 00:18	1
M2-8:2 FTS	102		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C3 HFPO-DA	83		25 - 150				10/19/21 04:55	10/20/21 00:18	1
13C2 10:2 FTS	94		25 - 150				10/19/21 04:55	10/20/21 00:18	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:49	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-10
Date Collected: 10/14/21 11:05
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.17	J	0.50	0.15	ug/L			10/27/21 14:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 14:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 14:13	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 14:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 14:13	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 14:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 14:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 14:13	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 14:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 14:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 14:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 14:13	1
cis-1,2-Dichloroethene	22		1.0	0.41	ug/L			10/27/21 14:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 14:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 14:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 14:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 14:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 14:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 14:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 14:13	1
1,2-Dichloroethane	76		1.0	0.39	ug/L			10/27/21 14:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 14:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 14:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 14:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 14:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 14:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 14:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 14:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 14:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 14:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:13	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 14:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 14:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 14:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 14:13	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 14:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 14:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-10
Date Collected: 10/14/21 11:05
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 14:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 14:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 14:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 14:13	1
Trichloroethene	0.23	J	0.50	0.16	ug/L			10/27/21 14:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 14:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 14:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 14:13	1
Vinyl chloride	1.4		1.0	0.20	ug/L			10/27/21 14:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124					10/27/21 14:13	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 14:13	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 14:13	1
Toluene-d8 (Surr)	98		75 - 120					10/27/21 14:13	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 04:55	10/20/21 00:28	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/20/21 00:28	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 00:28	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/20/21 00:28	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/20/21 00:28	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/20/21 00:28	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 04:55	10/20/21 00:28	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 00:28	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 00:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-10
Date Collected: 10/14/21 11:05
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/20/21 00:28	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/20/21 00:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 04:55	10/20/21 00:28	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 04:55	10/20/21 00:28	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 00:28	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:28	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C5 PFPeA	105		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 PFHxA	95		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C4 PFHpA	97		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C4 PFOA	101		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C5 PFNA	104		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 PFDA	101		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 PFUnA	98		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 PFDoA	93		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 PFTeDA	93		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C3 PFBS	92		25 - 150	10/19/21 04:55	10/20/21 00:28	1
18O2 PFHxS	96		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C4 PFOS	96		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C8 FOSA	91		10 - 150	10/19/21 04:55	10/20/21 00:28	1
d3-NMeFOSAA	89		25 - 150	10/19/21 04:55	10/20/21 00:28	1
d5-NEtFOSAA	94		25 - 150	10/19/21 04:55	10/20/21 00:28	1
d-N-MeFOSA-M	81		10 - 150	10/19/21 04:55	10/20/21 00:28	1
d-N-EtFOSA-M	80		10 - 150	10/19/21 04:55	10/20/21 00:28	1
d7-N-MeFOSE-M	84		10 - 150	10/19/21 04:55	10/20/21 00:28	1
d9-N-EtFOSE-M	90		10 - 150	10/19/21 04:55	10/20/21 00:28	1
M2-4:2 FTS	113		25 - 150	10/19/21 04:55	10/20/21 00:28	1
M2-6:2 FTS	105		25 - 150	10/19/21 04:55	10/20/21 00:28	1
M2-8:2 FTS	114		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C3 HFPO-DA	100		25 - 150	10/19/21 04:55	10/20/21 00:28	1
13C2 10:2 FTS	104		25 - 150	10/19/21 04:55	10/20/21 00:28	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.54	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:52	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-10

Lab Sample ID: 500-206977-13

Date Collected: 10/14/21 11:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 14:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 14:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 14:42	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 14:42	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 14:42	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 14:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 14:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 14:42	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 14:42	1
Chloromethane	0.58	J	1.0	0.32	ug/L			10/27/21 14:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 14:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 14:42	1
cis-1,2-Dichloroethene	13		1.0	0.41	ug/L			10/27/21 14:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 14:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 14:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 14:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 14:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 14:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 14:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 14:42	1
1,2-Dichloroethane	6.0		1.0	0.39	ug/L			10/27/21 14:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 14:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 14:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 14:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 14:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 14:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 14:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 14:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 14:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 14:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:42	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 14:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 14:42	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 14:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 14:42	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 14:42	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 14:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 14:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-10

Lab Sample ID: 500-206977-13

Date Collected: 10/14/21 11:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 14:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 14:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 14:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 14:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 14:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 14:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 14:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 14:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 14:42	1
Vinyl chloride	1.5		1.0	0.20	ug/L			10/27/21 14:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124		10/27/21 14:42	1
Dibromofluoromethane (Surr)	100		75 - 120		10/27/21 14:42	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 14:42	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 14:42	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluoropentanoic acid (PFPeA)	0.50	J	1.9	0.45	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluoroheptanoic acid (PFHpA)	0.26	J	1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorooctanoic acid (PFOA)	1.7	J	1.9	0.79	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorobutanesulfonic acid (PFBS)	0.48	J	1.9	0.19	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorohexanesulfonic acid (PFHxS)	0.82	J	1.9	0.53	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorooctanesulfonic acid (PFOS)	1.1	J	1.9	0.50	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 04:55	10/20/21 00:38	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/20/21 00:38	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 00:38	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/20/21 00:38	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 04:55	10/20/21 00:38	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 04:55	10/20/21 00:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-10

Lab Sample ID: 500-206977-13

Date Collected: 10/14/21 11:55

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 04:55	10/20/21 00:38	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 00:38	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 00:38	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 04:55	10/20/21 00:38	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/20/21 00:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 04:55	10/20/21 00:38	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 04:55	10/20/21 00:38	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 00:38	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C5 PFPeA	98		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 PFHxA	93		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C4 PFHpA	94		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C4 PFOA	99		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C5 PFNA	94		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 PFDA	94		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 PFUnA	93		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 PFDoA	88		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 PFTeDA	91		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C3 PFBS	89		25 - 150				10/19/21 04:55	10/20/21 00:38	1
18O2 PFHxS	84		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C4 PFOS	86		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C8 FOSA	85		10 - 150				10/19/21 04:55	10/20/21 00:38	1
d3-NMeFOSAA	85		25 - 150				10/19/21 04:55	10/20/21 00:38	1
d5-NEtFOSAA	92		25 - 150				10/19/21 04:55	10/20/21 00:38	1
d-N-MeFOSA-M	73		10 - 150				10/19/21 04:55	10/20/21 00:38	1
d-N-EtFOSA-M	74		10 - 150				10/19/21 04:55	10/20/21 00:38	1
d7-N-MeFOSE-M	81		10 - 150				10/19/21 04:55	10/20/21 00:38	1
d9-N-EtFOSE-M	85		10 - 150				10/19/21 04:55	10/20/21 00:38	1
M2-4:2 FTS	128		25 - 150				10/19/21 04:55	10/20/21 00:38	1
M2-6:2 FTS	108		25 - 150				10/19/21 04:55	10/20/21 00:38	1
M2-8:2 FTS	108		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C3 HFPO-DA	93		25 - 150				10/19/21 04:55	10/20/21 00:38	1
13C2 10:2 FTS	102		25 - 150				10/19/21 04:55	10/20/21 00:38	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.75	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:56	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5

Lab Sample ID: 500-206977-14

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 15:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 15:11	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 15:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 15:11	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 15:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 15:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 15:11	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 15:11	1
Chloromethane	0.36	J	1.0	0.32	ug/L			10/27/21 15:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 15:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 15:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 15:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 15:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 15:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 15:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 15:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 15:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 15:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 15:11	1
1,2-Dichloroethane	0.88	J	1.0	0.39	ug/L			10/27/21 15:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 15:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 15:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 15:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 15:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 15:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 15:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 15:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 15:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 15:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:11	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 15:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 15:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 15:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 15:11	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 15:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 15:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5

Lab Sample ID: 500-206977-14

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 15:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 15:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 15:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 15:11	1
Trichloroethene	1.2		0.50	0.16	ug/L			10/27/21 15:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 15:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 15:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 15:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124					10/27/21 15:11	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 15:11	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					10/27/21 15:11	1
Toluene-d8 (Surr)	97		75 - 120					10/27/21 15:11	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorobutanesulfonic acid (PFBS)	0.28 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorododecanesulfonic acid (PFDoS)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/20/21 00:48	1
Perfluorooctanesulfonamide (FOSA)	<0.94		1.9	0.94	ng/L		10/19/21 04:55	10/20/21 00:48	1
NEtFOSA	<0.84		1.9	0.84	ng/L		10/19/21 04:55	10/20/21 00:48	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/20/21 00:48	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/20/21 00:48	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/20/21 00:48	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/20/21 00:48	1
NEtFOSE	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/20/21 00:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5

Lab Sample ID: 500-206977-14

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:48	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/20/21 00:48	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/20/21 00:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/20/21 00:48	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/20/21 00:48	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 00:48	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 00:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C5 PFPeA	98		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 PFHxA	94		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C4 PFHpA	96		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C4 PFOA	94		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C5 PFNA	96		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 PFDA	97		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 PFUnA	96		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 PFDoA	87		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 PFTeDA	88		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C3 PFBS	86		25 - 150				10/19/21 04:55	10/20/21 00:48	1
18O2 PFHxS	86		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C4 PFOS	89		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C8 FOSA	90		10 - 150				10/19/21 04:55	10/20/21 00:48	1
d3-NMeFOSAA	88		25 - 150				10/19/21 04:55	10/20/21 00:48	1
d5-NEtFOSAA	94		25 - 150				10/19/21 04:55	10/20/21 00:48	1
d-N-MeFOSA-M	76		10 - 150				10/19/21 04:55	10/20/21 00:48	1
d-N-EtFOSA-M	76		10 - 150				10/19/21 04:55	10/20/21 00:48	1
d7-N-MeFOSE-M	86		10 - 150				10/19/21 04:55	10/20/21 00:48	1
d9-N-EtFOSE-M	87		10 - 150				10/19/21 04:55	10/20/21 00:48	1
M2-4:2 FTS	114		25 - 150				10/19/21 04:55	10/20/21 00:48	1
M2-6:2 FTS	109		25 - 150				10/19/21 04:55	10/20/21 00:48	1
M2-8:2 FTS	104		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C3 HFPO-DA	93		25 - 150				10/19/21 04:55	10/20/21 00:48	1
13C2 10:2 FTS	104		25 - 150				10/19/21 04:55	10/20/21 00:48	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 18:59	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5 DUP

Lab Sample ID: 500-206977-15

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 15:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 15:40	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 15:40	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 15:40	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 15:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 15:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 15:40	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 15:40	1
Chloromethane	0.64	J	1.0	0.32	ug/L			10/27/21 15:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 15:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 15:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 15:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 15:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 15:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 15:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 15:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 15:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 15:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 15:40	1
1,2-Dichloroethane	0.80	J	1.0	0.39	ug/L			10/27/21 15:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 15:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 15:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 15:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 15:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 15:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 15:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 15:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 15:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 15:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:40	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 15:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 15:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 15:40	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 15:40	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 15:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 15:40	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5 DUP

Lab Sample ID: 500-206977-15

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 15:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 15:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 15:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 15:40	1
Trichloroethene	1.5		0.50	0.16	ug/L			10/27/21 15:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 15:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 15:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 15:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124					10/27/21 15:40	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 15:40	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126					10/27/21 15:40	1
Toluene-d8 (Surr)	97		75 - 120					10/27/21 15:40	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.5		5.2	2.5	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluoropentanoic acid (PFPeA)	<0.51		2.1	0.51	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorohexanoic acid (PFHxA)	<0.60		2.1	0.60	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluoroheptanoic acid (PFHpA)	<0.26		2.1	0.26	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorooctanoic acid (PFOA)	<0.88		2.1	0.88	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorononanoic acid (PFNA)	<0.28		2.1	0.28	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorodecanoic acid (PFDA)	<0.32		2.1	0.32	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.1	1.1	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorododecanoic acid (PFDoA)	<0.57		2.1	0.57	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.1	1.3	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorotetradecanoic acid (PFTeA)	<0.75		2.1	0.75	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorobutanesulfonic acid (PFBS)	<0.21		2.1	0.21	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluoropentanesulfonic acid (PFPeS)	<0.31		2.1	0.31	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorohexanesulfonic acid (PFHxS)	<0.59		2.1	0.59	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.20		2.1	0.20	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorooctanesulfonic acid (PFOS)	<0.56		2.1	0.56	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorononanesulfonic acid (PFNS)	<0.38		2.1	0.38	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorodecanesulfonic acid (PFDS)	<0.33		2.1	0.33	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorododecanesulfonic acid (PFDoS)	<1.0		2.1	1.0	ng/L		10/19/21 04:55	10/20/21 00:58	1
Perfluorooctanesulfonamide (FOSA)	<1.0		2.1	1.0	ng/L		10/19/21 04:55	10/20/21 00:58	1
NEtFOSA	<0.90		2.1	0.90	ng/L		10/19/21 04:55	10/20/21 00:58	1
NMeFOSA	<0.44		2.1	0.44	ng/L		10/19/21 04:55	10/20/21 00:58	1
NMeFOSAA	<1.2		5.2	1.2	ng/L		10/19/21 04:55	10/20/21 00:58	1
NEtFOSAA	<1.3		5.2	1.3	ng/L		10/19/21 04:55	10/20/21 00:58	1
NMeFOSE	<1.4		4.1	1.4	ng/L		10/19/21 04:55	10/20/21 00:58	1
NEtFOSE	<0.88		2.1	0.88	ng/L		10/19/21 04:55	10/20/21 00:58	1
4:2 FTS	<0.25		2.1	0.25	ng/L		10/19/21 04:55	10/20/21 00:58	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-5 DUP

Lab Sample ID: 500-206977-15

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<2.6		5.2	2.6	ng/L		10/19/21 04:55	10/20/21 00:58	1
8:2 FTS	<0.48		2.1	0.48	ng/L		10/19/21 04:55	10/20/21 00:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.41		2.1	0.41	ng/L		10/19/21 04:55	10/20/21 00:58	1
HFPO-DA (GenX)	<1.6		4.1	1.6	ng/L		10/19/21 04:55	10/20/21 00:58	1
9CI-PF3ONS	<0.25		2.1	0.25	ng/L		10/19/21 04:55	10/20/21 00:58	1
11CI-PF3OUdS	<0.33		2.1	0.33	ng/L		10/19/21 04:55	10/20/21 00:58	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	81		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C5 PFPeA	98		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 PFHxA	89		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C4 PFHpA	91		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C4 PFOA	90		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C5 PFNA	94		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 PFDA	93		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 PFUnA	88		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 PFDoA	84		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 PFTeDA	83		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C3 PFBS	83		25 - 150	10/19/21 04:55	10/20/21 00:58	1
18O2 PFHxS	81		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C4 PFOS	85		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C8 FOSA	83		10 - 150	10/19/21 04:55	10/20/21 00:58	1
d3-NMeFOSAA	82		25 - 150	10/19/21 04:55	10/20/21 00:58	1
d5-NEtFOSAA	85		25 - 150	10/19/21 04:55	10/20/21 00:58	1
d-N-MeFOSA-M	70		10 - 150	10/19/21 04:55	10/20/21 00:58	1
d-N-EtFOSA-M	71		10 - 150	10/19/21 04:55	10/20/21 00:58	1
d7-N-MeFOSE-M	80		10 - 150	10/19/21 04:55	10/20/21 00:58	1
d9-N-EtFOSE-M	82		10 - 150	10/19/21 04:55	10/20/21 00:58	1
M2-4:2 FTS	117		25 - 150	10/19/21 04:55	10/20/21 00:58	1
M2-6:2 FTS	97		25 - 150	10/19/21 04:55	10/20/21 00:58	1
M2-8:2 FTS	102		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C3 HFPO-DA	91		25 - 150	10/19/21 04:55	10/20/21 00:58	1
13C2 10:2 FTS	92		25 - 150	10/19/21 04:55	10/20/21 00:58	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:03	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-5
Date Collected: 10/14/21 13:35
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 16:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 16:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 16:08	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 16:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 16:08	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 16:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 16:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 16:08	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 16:08	1
Chloromethane	0.57	J	1.0	0.32	ug/L			10/27/21 16:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 16:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 16:08	1
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L			10/27/21 16:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 16:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 16:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 16:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 16:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 16:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 16:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 16:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 16:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 16:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 16:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 16:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 16:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 16:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 16:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 16:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 16:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:08	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 16:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 16:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 16:08	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 16:08	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 16:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 16:08	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-5

Lab Sample ID: 500-206977-16

Date Collected: 10/14/21 13:35

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 16:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 16:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 16:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 16:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 16:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 16:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 16:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 16:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 16:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/27/21 16:08	1
Dibromofluoromethane (Surr)	102		75 - 120		10/27/21 16:08	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		10/27/21 16:08	1
Toluene-d8 (Surr)	96		75 - 120		10/27/21 16:08	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		4.9	2.4	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorohexanoic acid (PFHxA)	<0.57		2.0	0.57	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorooctanoic acid (PFOA)	<0.83		2.0	0.83	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorononanoic acid (PFNA)	<0.26		2.0	0.26	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorodecanoic acid (PFDA)	<0.30		2.0	0.30	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorotetradecanoic acid (PFTeA)	<0.72		2.0	0.72	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		2.0	0.29	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorohexanesulfonic acid (PFHxS)	<0.56		2.0	0.56	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		2.0	0.31	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorododecanesulfonic acid (PFDoS)	<0.95		2.0	0.95	ng/L		10/19/21 04:55	10/20/21 01:09	1
Perfluorooctanesulfonamide (FOSA)	<0.96		2.0	0.96	ng/L		10/19/21 04:55	10/20/21 01:09	1
NEtFOSA	<0.85		2.0	0.85	ng/L		10/19/21 04:55	10/20/21 01:09	1
NMeFOSA	<0.42		2.0	0.42	ng/L		10/19/21 04:55	10/20/21 01:09	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		10/19/21 04:55	10/20/21 01:09	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		10/19/21 04:55	10/20/21 01:09	1
NMeFOSE	<1.4		3.9	1.4	ng/L		10/19/21 04:55	10/20/21 01:09	1
NEtFOSE	<0.83		2.0	0.83	ng/L		10/19/21 04:55	10/20/21 01:09	1
4:2 FTS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/20/21 01:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-5
Date Collected: 10/14/21 13:35
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<2.5		4.9	2.5	ng/L		10/19/21 04:55	10/20/21 01:09	1
8:2 FTS	<0.45		2.0	0.45	ng/L		10/19/21 04:55	10/20/21 01:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		10/19/21 04:55	10/20/21 01:09	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		10/19/21 04:55	10/20/21 01:09	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/20/21 01:09	1
11CI-PF3OUdS	<0.31		2.0	0.31	ng/L		10/19/21 04:55	10/20/21 01:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C5 PFPeA	93		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 PFHxA	88		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C4 PFHpA	92		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C4 PFOA	91		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C5 PFNA	92		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 PFDA	89		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 PFUnA	93		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 PFDoA	91		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 PFTeDA	91		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C3 PFBS	86		25 - 150				10/19/21 04:55	10/20/21 01:09	1
18O2 PFHxS	86		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C4 PFOS	93		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C8 FOSA	85		10 - 150				10/19/21 04:55	10/20/21 01:09	1
d3-NMeFOSAA	84		25 - 150				10/19/21 04:55	10/20/21 01:09	1
d5-NEtFOSAA	85		25 - 150				10/19/21 04:55	10/20/21 01:09	1
d-N-MeFOSA-M	73		10 - 150				10/19/21 04:55	10/20/21 01:09	1
d-N-EtFOSA-M	74		10 - 150				10/19/21 04:55	10/20/21 01:09	1
d7-N-MeFOSE-M	80		10 - 150				10/19/21 04:55	10/20/21 01:09	1
d9-N-EtFOSE-M	85		10 - 150				10/19/21 04:55	10/20/21 01:09	1
M2-4:2 FTS	110		25 - 150				10/19/21 04:55	10/20/21 01:09	1
M2-6:2 FTS	108		25 - 150				10/19/21 04:55	10/20/21 01:09	1
M2-8:2 FTS	103		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C3 HFPO-DA	90		25 - 150				10/19/21 04:55	10/20/21 01:09	1
13C2 10:2 FTS	108		25 - 150				10/19/21 04:55	10/20/21 01:09	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.72	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:13	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-4

Lab Sample ID: 500-206977-17

Date Collected: 10/14/21 14:30

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 16:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 16:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 16:37	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 16:37	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 16:37	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 16:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 16:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 16:37	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 16:37	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 16:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 16:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 16:37	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 16:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 16:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 16:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 16:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 16:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 16:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 16:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 16:37	1
1,2-Dichloroethane	0.80	J	1.0	0.39	ug/L			10/27/21 16:37	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 16:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 16:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 16:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 16:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 16:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 16:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 16:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 16:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 16:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:37	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 16:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 16:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 16:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 16:37	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 16:37	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 16:37	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 16:37	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-4

Lab Sample ID: 500-206977-17

Date Collected: 10/14/21 14:30

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 16:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 16:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 16:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 16:37	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 16:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 16:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 16:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 16:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 16:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 16:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		10/27/21 16:37	1
Dibromofluoromethane (Surr)	101		75 - 120		10/27/21 16:37	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 16:37	1
Toluene-d8 (Surr)	97		75 - 120		10/27/21 16:37	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorobutanesulfonic acid (PFBS)	0.53 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorooctanesulfonic acid (PFOS)	2.3		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/20/21 01:19	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/20/21 01:19	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 04:55	10/20/21 01:19	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/20/21 01:19	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/20/21 01:19	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/20/21 01:19	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/20/21 01:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-4

Lab Sample ID: 500-206977-17

Date Collected: 10/14/21 14:30

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:19	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:19	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 04:55	10/20/21 01:19	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/20/21 01:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/20/21 01:19	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/20/21 01:19	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:19	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 01:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C5 PFPeA	96		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 PFHxA	84		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C4 PFHpA	89		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C4 PFOA	99		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C5 PFNA	97		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 PFDA	89		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 PFUnA	90		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 PFDoA	81		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 PFTeDA	82		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C3 PFBS	84		25 - 150				10/19/21 04:55	10/20/21 01:19	1
18O2 PFHxS	79		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C4 PFOS	80		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C8 FOSA	81		10 - 150				10/19/21 04:55	10/20/21 01:19	1
d3-NMeFOSAA	81		25 - 150				10/19/21 04:55	10/20/21 01:19	1
d5-NEtFOSAA	88		25 - 150				10/19/21 04:55	10/20/21 01:19	1
d-N-MeFOSA-M	71		10 - 150				10/19/21 04:55	10/20/21 01:19	1
d-N-EtFOSA-M	70		10 - 150				10/19/21 04:55	10/20/21 01:19	1
d7-N-MeFOSE-M	80		10 - 150				10/19/21 04:55	10/20/21 01:19	1
d9-N-EtFOSE-M	84		10 - 150				10/19/21 04:55	10/20/21 01:19	1
M2-4:2 FTS	125		25 - 150				10/19/21 04:55	10/20/21 01:19	1
M2-6:2 FTS	109		25 - 150				10/19/21 04:55	10/20/21 01:19	1
M2-8:2 FTS	104		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C3 HFPO-DA	89		25 - 150				10/19/21 04:55	10/20/21 01:19	1
13C2 10:2 FTS	96		25 - 150				10/19/21 04:55	10/20/21 01:19	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:16	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-03
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-18
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 05:09	10/20/21 04:21	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 05:09	10/20/21 04:21	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 04:21	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 05:09	10/20/21 04:21	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 04:21	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 04:21	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 04:21	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 04:21	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 04:21	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 04:21	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 05:09	10/20/21 04:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 05:09	10/20/21 04:21	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 04:21	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 04:21	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 04:21	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C5 PFPeA	107		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 PFHxA	101		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C4 PFHpA	104		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C4 PFOA	103		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C5 PFNA	105		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 PFDA	107		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 PFUnA	102		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 PFDoA	99		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 PFTeDA	98		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C3 PFBS	99		25 - 150	10/19/21 05:09	10/20/21 04:21	1
18O2 PFHxS	98		25 - 150	10/19/21 05:09	10/20/21 04:21	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-03
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-18
Matrix: Water

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>
13C4 PFOS	100		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C8 FOSA	98		10 - 150	10/19/21 05:09	10/20/21 04:21	1
d3-NMeFOSAA	99		25 - 150	10/19/21 05:09	10/20/21 04:21	1
d5-NEtFOSAA	104		25 - 150	10/19/21 05:09	10/20/21 04:21	1
d-N-MeFOSA-M	76		10 - 150	10/19/21 05:09	10/20/21 04:21	1
d-N-EtFOSA-M	74		10 - 150	10/19/21 05:09	10/20/21 04:21	1
d7-N-MeFOSE-M	89		10 - 150	10/19/21 05:09	10/20/21 04:21	1
d9-N-EtFOSE-M	91		10 - 150	10/19/21 05:09	10/20/21 04:21	1
M2-4:2 FTS	124		25 - 150	10/19/21 05:09	10/20/21 04:21	1
M2-6:2 FTS	120		25 - 150	10/19/21 05:09	10/20/21 04:21	1
M2-8:2 FTS	114		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C3 HFPO-DA	105		25 - 150	10/19/21 05:09	10/20/21 04:21	1
13C2 10:2 FTS	114		25 - 150	10/19/21 05:09	10/20/21 04:21	1



Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-03
Date Collected: 10/14/21 15:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 17:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 17:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 17:06	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 17:06	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 17:06	1
2-Butanone (MEK)	3.3	J	5.0	2.1	ug/L			10/27/21 17:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 17:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 17:06	1
Chloroform	0.42	J	2.0	0.37	ug/L			10/27/21 17:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 17:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 17:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 17:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 17:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 17:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 17:06	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 17:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 17:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 17:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 17:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 17:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 17:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 17:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 17:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 17:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 17:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 17:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 17:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 17:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 17:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:06	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 17:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 17:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 17:06	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 17:06	1
Toluene	0.58		0.50	0.15	ug/L			10/27/21 17:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 17:06	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-03
Date Collected: 10/14/21 15:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 17:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 17:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 17:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 17:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 17:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 17:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 17:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 17:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 17:06	1
Xylenes, Total	0.22	J	1.0	0.22	ug/L			10/27/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		10/27/21 17:06	1
Dibromofluoromethane (Surr)	103		75 - 120		10/27/21 17:06	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 17:06	1
Toluene-d8 (Surr)	97		75 - 120		10/27/21 17:06	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.5	2.2	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorohexanoic acid (PFHxA)	<0.52		1.8	0.52	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorooctanoic acid (PFOA)	<0.77		1.8	0.77	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.51		1.8	0.51	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorooctanesulfonic acid (PFOS)	<0.49		1.8	0.49	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorododecanesulfonic acid (PFDoS)	<0.88		1.8	0.88	ng/L		10/19/21 05:09	10/20/21 04:31	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		10/19/21 05:09	10/20/21 04:31	1
NEtFOSA	<0.79		1.8	0.79	ng/L		10/19/21 05:09	10/20/21 04:31	1
NMeFOSA	<0.39		1.8	0.39	ng/L		10/19/21 05:09	10/20/21 04:31	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		10/19/21 05:09	10/20/21 04:31	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		10/19/21 05:09	10/20/21 04:31	1
NMeFOSE	<1.3		3.6	1.3	ng/L		10/19/21 05:09	10/20/21 04:31	1
NEtFOSE	<0.77		1.8	0.77	ng/L		10/19/21 05:09	10/20/21 04:31	1
4:2 FTS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-03
Date Collected: 10/14/21 15:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<2.3		4.5	2.3	ng/L		10/19/21 05:09	10/20/21 04:31	1
8:2 FTS	<0.42		1.8	0.42	ng/L		10/19/21 05:09	10/20/21 04:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		10/19/21 05:09	10/20/21 04:31	1
HFPO-DA (GenX)	<1.4		3.6	1.4	ng/L		10/19/21 05:09	10/20/21 04:31	1
9CI-PF3ONS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:31	1
11CI-PF3OUdS	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:31	1

Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C5 PFPeA	98		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 PFHxA	95		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C4 PFHpA	92		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C4 PFOA	103		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C5 PFNA	106		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 PFDA	99		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 PFUnA	100		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 PFDoA	98		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 PFTeDA	96		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C3 PFBS	95		25 - 150				10/19/21 05:09	10/20/21 04:31	1
18O2 PFHxS	92		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C4 PFOS	98		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C8 FOSA	92		10 - 150				10/19/21 05:09	10/20/21 04:31	1
d3-NMeFOSAA	96		25 - 150				10/19/21 05:09	10/20/21 04:31	1
d5-NEtFOSAA	101		25 - 150				10/19/21 05:09	10/20/21 04:31	1
d-N-MeFOSA-M	77		10 - 150				10/19/21 05:09	10/20/21 04:31	1
d-N-EtFOSA-M	77		10 - 150				10/19/21 05:09	10/20/21 04:31	1
d7-N-MeFOSE-M	91		10 - 150				10/19/21 05:09	10/20/21 04:31	1
d9-N-EtFOSE-M	90		10 - 150				10/19/21 05:09	10/20/21 04:31	1
M2-4:2 FTS	122		25 - 150				10/19/21 05:09	10/20/21 04:31	1
M2-6:2 FTS	117		25 - 150				10/19/21 05:09	10/20/21 04:31	1
M2-8:2 FTS	116		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C3 HFPO-DA	99		25 - 150				10/19/21 05:09	10/20/21 04:31	1
13C2 10:2 FTS	117		25 - 150				10/19/21 05:09	10/20/21 04:31	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.23		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:20	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-206977-20

Date Collected: 10/14/21 00:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 17:35	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 17:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 17:35	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 17:35	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 17:35	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 17:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 17:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 17:35	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 17:35	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 17:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 17:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 17:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 17:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 17:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 17:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 17:35	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 17:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 17:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 17:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 17:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 17:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 17:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 17:35	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 17:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 17:35	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 17:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 17:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 17:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 17:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:35	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 17:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 17:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 17:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 17:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 17:35	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 17:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 17:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-206977-20

Date Collected: 10/14/21 00:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 17:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 17:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 17:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 17:35	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 17:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 17:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 17:35	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 17:35	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 17:35	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 17:35	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124					10/27/21 17:35	1
Dibromofluoromethane (Surr)	102		75 - 120					10/27/21 17:35	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					10/27/21 17:35	1
Toluene-d8 (Surr)	98		75 - 120					10/27/21 17:35	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5A
Date Collected: 10/13/21 10:03
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 06:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 06:00	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 06:00	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 06:00	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 06:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 06:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 06:00	1
Chloroform	0.41	J	2.0	0.37	ug/L			10/27/21 06:00	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 06:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 06:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 06:00	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 06:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 06:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 06:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 06:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 06:00	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 06:00	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:00	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 06:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 06:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 06:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 06:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 06:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 06:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 06:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 06:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 06:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
Naphthalene	0.70	J B	1.0	0.34	ug/L			10/27/21 06:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 06:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:00	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 06:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:00	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 06:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 06:00	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 06:00	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 06:00	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 06:00	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5A
Date Collected: 10/13/21 10:03
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 06:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 06:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 06:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 06:00	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 06:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 06:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 06:00	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 06:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					10/27/21 06:00	1
Dibromofluoromethane (Surr)	100		75 - 120					10/27/21 06:00	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					10/27/21 06:00	1
Toluene-d8 (Surr)	99		75 - 120					10/27/21 06:00	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.4		4.8	2.3	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorobutanesulfonic acid (PFBS)	1.0 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorohexanesulfonic acid (PFHxS)	1.3 J		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorooctanesulfonic acid (PFOS)	8.4		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorododecanesulfonic acid (PFDoS)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/20/21 01:29	1
Perfluorooctanesulfonamide (FOSA)	<0.94		1.9	0.94	ng/L		10/19/21 04:55	10/20/21 01:29	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 04:55	10/20/21 01:29	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/20/21 01:29	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		10/19/21 04:55	10/20/21 01:29	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/20/21 01:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5A
Date Collected: 10/13/21 10:03
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/20/21 01:29	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:29	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:29	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/20/21 01:29	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/20/21 01:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/20/21 01:29	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/20/21 01:29	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:29	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 01:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	84		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C5 PFPeA	100		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 PFHxA	95		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C4 PFHpA	96		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C4 PFOA	99		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C5 PFNA	97		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 PFDA	95		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 PFUnA	95		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 PFDoA	89		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 PFTeDA	91		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C3 PFBS	92		25 - 150	10/19/21 04:55	10/20/21 01:29	1
18O2 PFHxS	88		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C4 PFOS	94		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C8 FOSA	90		10 - 150	10/19/21 04:55	10/20/21 01:29	1
d3-NMeFOSAA	92		25 - 150	10/19/21 04:55	10/20/21 01:29	1
d5-NEtFOSAA	98		25 - 150	10/19/21 04:55	10/20/21 01:29	1
d-N-MeFOSA-M	78		10 - 150	10/19/21 04:55	10/20/21 01:29	1
d-N-EtFOSA-M	80		10 - 150	10/19/21 04:55	10/20/21 01:29	1
d7-N-MeFOSE-M	80		10 - 150	10/19/21 04:55	10/20/21 01:29	1
d9-N-EtFOSE-M	87		10 - 150	10/19/21 04:55	10/20/21 01:29	1
M2-4:2 FTS	118		25 - 150	10/19/21 04:55	10/20/21 01:29	1
M2-6:2 FTS	113		25 - 150	10/19/21 04:55	10/20/21 01:29	1
M2-8:2 FTS	113		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C3 HFPO-DA	89		25 - 150	10/19/21 04:55	10/20/21 01:29	1
13C2 10:2 FTS	108		25 - 150	10/19/21 04:55	10/20/21 01:29	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.49	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:23	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-9

Lab Sample ID: 500-206977-22

Date Collected: 10/13/21 11:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 06:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 06:22	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 06:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 06:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 06:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 06:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 06:22	1
Chloroform	0.75	J	2.0	0.37	ug/L			10/27/21 06:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 06:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 06:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 06:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 06:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 06:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 06:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 06:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 06:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 06:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 06:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 06:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 06:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 06:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 06:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 06:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 06:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 06:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 06:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
Naphthalene	0.55	J B	1.0	0.34	ug/L			10/27/21 06:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 06:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:22	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 06:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 06:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 06:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 06:22	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 06:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 06:22	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-9

Lab Sample ID: 500-206977-22

Date Collected: 10/13/21 11:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 06:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 06:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 06:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 06:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 06:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 06:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 06:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 06:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					10/27/21 06:22	1
Dibromofluoromethane (Surr)	100		75 - 120					10/27/21 06:22	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 06:22	1
Toluene-d8 (Surr)	99		75 - 120					10/27/21 06:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorooctanoic acid (PFOA)	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorobutanesulfonic acid (PFBS)	0.90 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorohexanesulfonic acid (PFHxS)	1.2 J		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorooctanesulfonic acid (PFOS)	2.3		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 04:55	10/20/21 01:39	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 04:55	10/20/21 01:39	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 04:55	10/20/21 01:39	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 04:55	10/20/21 01:39	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		10/19/21 04:55	10/20/21 01:39	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/20/21 01:39	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-9

Lab Sample ID: 500-206977-22

Date Collected: 10/13/21 11:00

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 04:55	10/20/21 01:39	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 01:39	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:39	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/20/21 01:39	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 04:55	10/20/21 01:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 04:55	10/20/21 01:39	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 04:55	10/20/21 01:39	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 01:39	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 01:39	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	80		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C5 PFPeA	89		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 PFHxA	89		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C4 PFHpA	87		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C4 PFOA	90		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C5 PFNA	91		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 PFDA	91		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 PFUnA	90		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 PFDoA	92		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 PFTeDA	90		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C3 PFBS	88		25 - 150				10/19/21 04:55	10/20/21 01:39	1
18O2 PFHxS	81		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C4 PFOS	86		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C8 FOSA	84		10 - 150				10/19/21 04:55	10/20/21 01:39	1
d3-NMeFOSAA	82		25 - 150				10/19/21 04:55	10/20/21 01:39	1
d5-NEtFOSAA	91		25 - 150				10/19/21 04:55	10/20/21 01:39	1
d-N-MeFOSA-M	74		10 - 150				10/19/21 04:55	10/20/21 01:39	1
d-N-EtFOSA-M	76		10 - 150				10/19/21 04:55	10/20/21 01:39	1
d7-N-MeFOSE-M	80		10 - 150				10/19/21 04:55	10/20/21 01:39	1
d9-N-EtFOSE-M	84		10 - 150				10/19/21 04:55	10/20/21 01:39	1
M2-4:2 FTS	115		25 - 150				10/19/21 04:55	10/20/21 01:39	1
M2-6:2 FTS	99		25 - 150				10/19/21 04:55	10/20/21 01:39	1
M2-8:2 FTS	103		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C3 HFPO-DA	90		25 - 150				10/19/21 04:55	10/20/21 01:39	1
13C2 10:2 FTS	133		25 - 150				10/19/21 04:55	10/20/21 01:39	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.74	J	1.0	0.23	ug/L		10/21/21 09:54	10/21/21 19:27	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-12

Lab Sample ID: 500-206977-23

Date Collected: 10/13/21 11:56

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 06:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 06:44	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 06:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 06:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 06:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 06:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 06:44	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 06:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 06:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 06:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 06:44	1
cis-1,2-Dichloroethene	36		1.0	0.41	ug/L			10/27/21 06:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 06:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 06:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 06:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 06:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 06:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 06:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 06:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 06:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 06:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 06:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 06:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 06:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 06:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 06:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
Naphthalene	0.58	J B	1.0	0.34	ug/L			10/27/21 06:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 06:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:44	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 06:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 06:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 06:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 06:44	1
Tetrachloroethene	4.8		1.0	0.37	ug/L			10/27/21 06:44	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 06:44	1
trans-1,2-Dichloroethene	1.4		1.0	0.35	ug/L			10/27/21 06:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-12

Lab Sample ID: 500-206977-23

Date Collected: 10/13/21 11:56

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 06:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 06:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 06:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 06:44	1
Trichloroethene	4.2		0.50	0.16	ug/L			10/27/21 06:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 06:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 06:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 06:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 06:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 06:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					10/27/21 06:44	1
Dibromofluoromethane (Surr)	98		75 - 120					10/27/21 06:44	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					10/27/21 06:44	1
Toluene-d8 (Surr)	98		75 - 120					10/27/21 06:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.8	2.3	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluoropentanoic acid (PFPeA)	<0.47		1.9	0.47	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorooctanoic acid (PFOA)	0.88 J		1.9	0.82	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		1.9	1.3	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		1.9	0.71	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorobutanesulfonic acid (PFBS)	1.0 J		1.9	0.19	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorohexanesulfonic acid (PFHxS)	1.0 J		1.9	0.55	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorooctanesulfonic acid (PFOS)	0.86 J		1.9	0.52	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		10/19/21 04:55	10/20/21 02:19	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		10/19/21 04:55	10/20/21 02:19	1
NEtFOSA	<0.84		1.9	0.84	ng/L		10/19/21 04:55	10/20/21 02:19	1
NMeFOSA	<0.42		1.9	0.42	ng/L		10/19/21 04:55	10/20/21 02:19	1
NMeFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 04:55	10/20/21 02:19	1
NEtFOSAA	<1.3		4.8	1.3	ng/L		10/19/21 04:55	10/20/21 02:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-12

Lab Sample ID: 500-206977-23

Date Collected: 10/13/21 11:56

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.4		3.9	1.4	ng/L		10/19/21 04:55	10/20/21 02:19	1
NEtFOSE	<0.82		1.9	0.82	ng/L		10/19/21 04:55	10/20/21 02:19	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 02:19	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 04:55	10/20/21 02:19	1
8:2 FTS	<0.45		1.9	0.45	ng/L		10/19/21 04:55	10/20/21 02:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		1.9	0.39	ng/L		10/19/21 04:55	10/20/21 02:19	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		10/19/21 04:55	10/20/21 02:19	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 02:19	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		10/19/21 04:55	10/20/21 02:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C5 PFPeA	101		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 PFHxA	95		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C4 PFHpA	90		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C4 PFOA	93		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C5 PFNA	101		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 PFDA	92		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 PFUnA	94		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 PFDoA	91		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 PFTeDA	91		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C3 PFBS	91		25 - 150				10/19/21 04:55	10/20/21 02:19	1
18O2 PFHxS	90		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C4 PFOS	98		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C8 FOSA	91		10 - 150				10/19/21 04:55	10/20/21 02:19	1
d3-NMeFOSAA	85		25 - 150				10/19/21 04:55	10/20/21 02:19	1
d5-NEtFOSAA	89		25 - 150				10/19/21 04:55	10/20/21 02:19	1
d-N-MeFOSA-M	78		10 - 150				10/19/21 04:55	10/20/21 02:19	1
d-N-EtFOSA-M	77		10 - 150				10/19/21 04:55	10/20/21 02:19	1
d7-N-MeFOSE-M	85		10 - 150				10/19/21 04:55	10/20/21 02:19	1
d9-N-EtFOSE-M	88		10 - 150				10/19/21 04:55	10/20/21 02:19	1
M2-4:2 FTS	127		25 - 150				10/19/21 04:55	10/20/21 02:19	1
M2-6:2 FTS	105		25 - 150				10/19/21 04:55	10/20/21 02:19	1
M2-8:2 FTS	107		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C3 HFPO-DA	92		25 - 150				10/19/21 04:55	10/20/21 02:19	1
13C2 10:2 FTS	101		25 - 150				10/19/21 04:55	10/20/21 02:19	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:29	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-13
Date Collected: 10/13/21 13:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 07:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 07:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 07:06	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 07:06	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 07:06	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 07:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 07:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 07:06	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 07:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 07:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 07:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 07:06	1
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L			10/27/21 07:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 07:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 07:06	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 07:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 07:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 07:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 07:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 07:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 07:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 07:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 07:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 07:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 07:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 07:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 07:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
Naphthalene	0.52	J B	1.0	0.34	ug/L			10/27/21 07:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 07:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:06	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 07:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 07:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 07:06	1
Tetrachloroethene	12		1.0	0.37	ug/L			10/27/21 07:06	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 07:06	1
trans-1,2-Dichloroethene	0.92	J	1.0	0.35	ug/L			10/27/21 07:06	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-13
Date Collected: 10/13/21 13:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 07:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 07:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 07:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 07:06	1
Trichloroethene	2.0		0.50	0.16	ug/L			10/27/21 07:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 07:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 07:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 07:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 07:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 07:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					10/27/21 07:06	1
Dibromofluoromethane (Surr)	99		75 - 120					10/27/21 07:06	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126					10/27/21 07:06	1
Toluene-d8 (Surr)	99		75 - 120					10/27/21 07:06	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.85	0.26	ug/L		10/18/21 06:31	10/20/21 19:15	1
Acenaphthylene	<0.23		0.85	0.23	ug/L		10/18/21 06:31	10/20/21 19:15	1
Anthracene	<0.28		0.85	0.28	ug/L		10/18/21 06:31	10/20/21 19:15	1
Benzo[a]anthracene	<0.048		0.17	0.048	ug/L		10/18/21 06:31	10/20/21 19:15	1
Benzo[a]pyrene	<0.084		0.17	0.084	ug/L		10/18/21 06:31	10/20/21 19:15	1
Benzo[b]fluoranthene	<0.068		0.17	0.068	ug/L		10/18/21 06:31	10/20/21 19:15	1
Benzo[g,h,i]perylene	<0.32		0.85	0.32	ug/L		10/18/21 06:31	10/20/21 19:15	1
Benzo[k]fluoranthene	<0.054		0.17	0.054	ug/L		10/18/21 06:31	10/20/21 19:15	1
Chrysene	<0.058		0.17	0.058	ug/L		10/18/21 06:31	10/20/21 19:15	1
Dibenz(a,h)anthracene	<0.043		0.25	0.043	ug/L		10/18/21 06:31	10/20/21 19:15	1
Fluoranthene	<0.39		0.85	0.39	ug/L		10/18/21 06:31	10/20/21 19:15	1
Fluorene	<0.21		0.85	0.21	ug/L		10/18/21 06:31	10/20/21 19:15	1
Indeno[1,2,3-cd]pyrene	<0.063		0.17	0.063	ug/L		10/18/21 06:31	10/20/21 19:15	1
Naphthalene	<0.26		0.85	0.26	ug/L		10/18/21 06:31	10/20/21 19:15	1
Phenanthrene	<0.26		0.85	0.26	ug/L		10/18/21 06:31	10/20/21 19:15	1
Pyrene	<0.36		0.85	0.36	ug/L		10/18/21 06:31	10/20/21 19:15	1
1-Methylnaphthalene	<0.26		1.7	0.26	ug/L		10/18/21 06:31	10/20/21 19:15	1
2-Methylnaphthalene	<0.055		1.7	0.055	ug/L		10/18/21 06:31	10/20/21 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	74		36 - 120				10/18/21 06:31	10/20/21 19:15	1
Terphenyl-d14 (Surr)	104		40 - 145				10/18/21 06:31	10/20/21 19:15	1
2-Fluorobiphenyl (Surr)	70		34 - 110				10/18/21 06:31	10/20/21 19:15	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 04:55	10/20/21 02:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-13
Date Collected: 10/13/21 13:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-24
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.9	0.19	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorohexanesulfonic acid (PFHxS)	0.90	J	1.9	0.53	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorooctanesulfonic acid (PFOS)	0.64	J I	1.9	0.50	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 04:55	10/20/21 02:29	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/20/21 02:29	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 02:29	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/20/21 02:29	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 04:55	10/20/21 02:29	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 04:55	10/20/21 02:29	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 04:55	10/20/21 02:29	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 02:29	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 02:29	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 04:55	10/20/21 02:29	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/20/21 02:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 04:55	10/20/21 02:29	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 04:55	10/20/21 02:29	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 02:29	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 02:29	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	86		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C5 PFPeA	91		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C2 PFHxA	90		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C4 PFHpA	93		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C4 PFOA	96		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C5 PFNA	95		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C2 PFDA	92		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C2 PFUnA	91		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C2 PFDoA	91		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C2 PFTeDA	90		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C3 PFBS	90		25 - 150				10/19/21 04:55	10/20/21 02:29	1
18O2 PFHxS	87		25 - 150				10/19/21 04:55	10/20/21 02:29	1
13C4 PFOS	90		25 - 150				10/19/21 04:55	10/20/21 02:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-13

Lab Sample ID: 500-206977-24

Date Collected: 10/13/21 13:15

Matrix: Water

Date Received: 10/16/21 11:30

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	86		10 - 150	10/19/21 04:55	10/20/21 02:29	1
d3-NMeFOSAA	83		25 - 150	10/19/21 04:55	10/20/21 02:29	1
d5-NEtFOSAA	94		25 - 150	10/19/21 04:55	10/20/21 02:29	1
d-N-MeFOSA-M	73		10 - 150	10/19/21 04:55	10/20/21 02:29	1
d-N-EtFOSA-M	73		10 - 150	10/19/21 04:55	10/20/21 02:29	1
d7-N-MeFOSE-M	81		10 - 150	10/19/21 04:55	10/20/21 02:29	1
d9-N-EtFOSE-M	84		10 - 150	10/19/21 04:55	10/20/21 02:29	1
M2-4:2 FTS	109		25 - 150	10/19/21 04:55	10/20/21 02:29	1
M2-6:2 FTS	98		25 - 150	10/19/21 04:55	10/20/21 02:29	1
M2-8:2 FTS	101		25 - 150	10/19/21 04:55	10/20/21 02:29	1
13C3 HFPO-DA	94		25 - 150	10/19/21 04:55	10/20/21 02:29	1
13C2 10:2 FTS	99		25 - 150	10/19/21 04:55	10/20/21 02:29	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.87	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:33	1
Barium	130		2.5	0.73	ug/L		10/22/21 09:55	10/25/21 16:33	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 16:33	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 16:33	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 16:33	1
Selenium	1.9	J	2.5	0.98	ug/L		10/22/21 09:55	10/25/21 16:33	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 16:33	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:14	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Date Collected: 10/13/21 14:24

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 07:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 07:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 07:28	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 07:28	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 07:28	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 07:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 07:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 07:28	1
Chloroform	0.40	J	2.0	0.37	ug/L			10/27/21 07:28	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 07:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 07:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 07:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 07:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 07:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 07:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 07:28	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 07:28	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:28	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 07:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 07:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
1,1-Dichloroethene	1.5		1.0	0.39	ug/L			10/27/21 07:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 07:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 07:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 07:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 07:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 07:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 07:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 07:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
Naphthalene	0.60	J B	1.0	0.34	ug/L			10/27/21 07:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 07:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:28	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 07:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 07:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 07:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 07:28	1
Tetrachloroethene	110		1.0	0.37	ug/L			10/27/21 07:28	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 07:28	1
trans-1,2-Dichloroethene	7.5		1.0	0.35	ug/L			10/27/21 07:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Date Collected: 10/13/21 14:24

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 07:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 07:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 07:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 07:28	1
Trichloroethene	70		0.50	0.16	ug/L			10/27/21 07:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 07:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 07:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 07:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 07:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 07:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124		10/27/21 07:28	1
Dibromofluoromethane (Surr)	98		75 - 120		10/27/21 07:28	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 07:28	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 07:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	690		10	4.1	ug/L			10/27/21 07:49	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		10/27/21 07:49	10
Dibromofluoromethane (Surr)	99		75 - 120		10/27/21 07:49	10
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		10/27/21 07:49	10
Toluene-d8 (Surr)	97		75 - 120		10/27/21 07:49	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.84	0.26	ug/L		10/18/21 06:31	10/20/21 19:38	1
Acenaphthylene	<0.22		0.84	0.22	ug/L		10/18/21 06:31	10/20/21 19:38	1
Anthracene	<0.28		0.84	0.28	ug/L		10/18/21 06:31	10/20/21 19:38	1
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		10/18/21 06:31	10/20/21 19:38	1
Benzo[a]pyrene	<0.083		0.17	0.083	ug/L		10/18/21 06:31	10/20/21 19:38	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		10/18/21 06:31	10/20/21 19:38	1
Benzo[g,h,i]perylene	<0.31		0.84	0.31	ug/L		10/18/21 06:31	10/20/21 19:38	1
Benzo[k]fluoranthene	<0.054		0.17	0.054	ug/L		10/18/21 06:31	10/20/21 19:38	1
Chrysene	<0.057		0.17	0.057	ug/L		10/18/21 06:31	10/20/21 19:38	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 19:38	1
Fluoranthene	<0.38		0.84	0.38	ug/L		10/18/21 06:31	10/20/21 19:38	1
Fluorene	<0.20		0.84	0.20	ug/L		10/18/21 06:31	10/20/21 19:38	1
Indeno[1,2,3-cd]pyrene	<0.063		0.17	0.063	ug/L		10/18/21 06:31	10/20/21 19:38	1
Naphthalene	<0.26		0.84	0.26	ug/L		10/18/21 06:31	10/20/21 19:38	1
Phenanthrene	<0.25		0.84	0.25	ug/L		10/18/21 06:31	10/20/21 19:38	1
Pyrene	<0.36		0.84	0.36	ug/L		10/18/21 06:31	10/20/21 19:38	1
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		10/18/21 06:31	10/20/21 19:38	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		10/18/21 06:31	10/20/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		36 - 120	10/18/21 06:31	10/20/21 19:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Date Collected: 10/13/21 14:24

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	98		40 - 145	10/18/21 06:31	10/20/21 19:38	1
2-Fluorobiphenyl (Surr)	62		34 - 110	10/18/21 06:31	10/20/21 19:38	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluoropentanoic acid (PFPeA)	0.46	J	1.9	0.46	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorohexanoic acid (PFHxA)	0.93	J	1.9	0.54	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluoroheptanoic acid (PFHpA)	0.38	J	1.9	0.23	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorooctanoic acid (PFOA)	3.5		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorobutanesulfonic acid (PFBS)	0.99	J	1.9	0.19	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorohexanesulfonic acid (PFHxS)	12		1.9	0.53	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorooctanesulfonic acid (PFOS)	2.4	I	1.9	0.50	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 04:55	10/20/21 02:40	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 04:55	10/20/21 02:40	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 04:55	10/20/21 02:40	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 04:55	10/20/21 02:40	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 04:55	10/20/21 02:40	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 04:55	10/20/21 02:40	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 04:55	10/20/21 02:40	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 04:55	10/20/21 02:40	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 02:40	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 04:55	10/20/21 02:40	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 04:55	10/20/21 02:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 04:55	10/20/21 02:40	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 04:55	10/20/21 02:40	1
9Cl-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 04:55	10/20/21 02:40	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 04:55	10/20/21 02:40	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
13C4 PFBA	79		25 - 150	10/19/21 04:55	10/20/21 02:40	1			
13C5 PFPeA	94		25 - 150	10/19/21 04:55	10/20/21 02:40	1			
13C2 PFHxA	89		25 - 150	10/19/21 04:55	10/20/21 02:40	1			
13C4 PFHpA	90		25 - 150	10/19/21 04:55	10/20/21 02:40	1			
13C4 PFOA	94		25 - 150	10/19/21 04:55	10/20/21 02:40	1			

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Date Collected: 10/13/21 14:24

Matrix: Water

Date Received: 10/16/21 11:30

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>
13C5 PFNA	96		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C2 PFDA	91		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C2 PFUnA	91		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C2 PFDoA	83		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C2 PFTeDA	84		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C3 PFBS	81		25 - 150	10/19/21 04:55	10/20/21 02:40	1
18O2 PFHxS	80		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C4 PFOS	85		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C8 FOSA	83		10 - 150	10/19/21 04:55	10/20/21 02:40	1
d3-NMeFOSAA	83		25 - 150	10/19/21 04:55	10/20/21 02:40	1
d5-NEtFOSAA	82		25 - 150	10/19/21 04:55	10/20/21 02:40	1
d-N-MeFOSA-M	74		10 - 150	10/19/21 04:55	10/20/21 02:40	1
d-N-EtFOSA-M	72		10 - 150	10/19/21 04:55	10/20/21 02:40	1
d7-N-MeFOSE-M	79		10 - 150	10/19/21 04:55	10/20/21 02:40	1
d9-N-EtFOSE-M	83		10 - 150	10/19/21 04:55	10/20/21 02:40	1
M2-4:2 FTS	112		25 - 150	10/19/21 04:55	10/20/21 02:40	1
M2-6:2 FTS	103		25 - 150	10/19/21 04:55	10/20/21 02:40	1
M2-8:2 FTS	105		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C3 HFPO-DA	89		25 - 150	10/19/21 04:55	10/20/21 02:40	1
13C2 10:2 FTS	99		25 - 150	10/19/21 04:55	10/20/21 02:40	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	0.92	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:36	1
Barium	120		2.5	0.73	ug/L		10/22/21 09:55	10/25/21 16:36	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 16:36	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 16:36	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 16:36	1
Selenium	<0.98		2.5	0.98	ug/L		10/22/21 09:55	10/25/21 16:36	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 16:36	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:16	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-14

Lab Sample ID: 500-206977-26

Date Collected: 10/13/21 15:17

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 08:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 08:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 08:11	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 08:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 08:11	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 08:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 08:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 08:11	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 08:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 08:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 08:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 08:11	1
cis-1,2-Dichloroethene	28		1.0	0.41	ug/L			10/27/21 08:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 08:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 08:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 08:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 08:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 08:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 08:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 08:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 08:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 08:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 08:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 08:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 08:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 08:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 08:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
Naphthalene	0.47 J B		1.0	0.34	ug/L			10/27/21 08:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 08:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:11	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 08:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 08:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 08:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 08:11	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 08:11	1
trans-1,2-Dichloroethene	1.1		1.0	0.35	ug/L			10/27/21 08:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-14

Lab Sample ID: 500-206977-26

Date Collected: 10/13/21 15:17

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 08:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 08:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 08:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 08:11	1
Trichloroethene	3.2		0.50	0.16	ug/L			10/27/21 08:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 08:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 08:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 08:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 08:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		10/27/21 08:11	1
Dibromofluoromethane (Surr)	98		75 - 120		10/27/21 08:11	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		10/27/21 08:11	1
Toluene-d8 (Surr)	99		75 - 120		10/27/21 08:11	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.84	0.26	ug/L		10/18/21 06:31	10/20/21 20:02	1
Acenaphthylene	<0.22		0.84	0.22	ug/L		10/18/21 06:31	10/20/21 20:02	1
Anthracene	<0.28		0.84	0.28	ug/L		10/18/21 06:31	10/20/21 20:02	1
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		10/18/21 06:31	10/20/21 20:02	1
Benzo[a]pyrene	<0.083		0.17	0.083	ug/L		10/18/21 06:31	10/20/21 20:02	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		10/18/21 06:31	10/20/21 20:02	1
Benzo[g,h,i]perylene	<0.31		0.84	0.31	ug/L		10/18/21 06:31	10/20/21 20:02	1
Benzo[k]fluoranthene	<0.053		0.17	0.053	ug/L		10/18/21 06:31	10/20/21 20:02	1
Chrysene	<0.057		0.17	0.057	ug/L		10/18/21 06:31	10/20/21 20:02	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 20:02	1
Fluoranthene	<0.38		0.84	0.38	ug/L		10/18/21 06:31	10/20/21 20:02	1
Fluorene	<0.20		0.84	0.20	ug/L		10/18/21 06:31	10/20/21 20:02	1
Indeno[1,2,3-cd]pyrene	<0.062		0.17	0.062	ug/L		10/18/21 06:31	10/20/21 20:02	1
Naphthalene	<0.26		0.84	0.26	ug/L		10/18/21 06:31	10/20/21 20:02	1
Phenanthrene	<0.25		0.84	0.25	ug/L		10/18/21 06:31	10/20/21 20:02	1
Pyrene	<0.36		0.84	0.36	ug/L		10/18/21 06:31	10/20/21 20:02	1
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		10/18/21 06:31	10/20/21 20:02	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		10/18/21 06:31	10/20/21 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	55		36 - 120	10/18/21 06:31	10/20/21 20:02	1
Terphenyl-d14 (Surr)	96		40 - 145	10/18/21 06:31	10/20/21 20:02	1
2-Fluorobiphenyl (Surr)	54		34 - 110	10/18/21 06:31	10/20/21 20:02	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		10/19/21 05:09	10/20/21 04:41	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-14
Date Collected: 10/13/21 15:17
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-26
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorobutanesulfonic acid (PFBS)	1.0	J	1.8	0.18	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorohexanesulfonic acid (PFHxS)	0.80	J	1.8	0.52	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorooctanesulfonic acid (PFOS)	1.1	J I	1.8	0.49	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		10/19/21 05:09	10/20/21 04:41	1
Perfluorooctanesulfonamide (FOSA)	<0.89		1.8	0.89	ng/L		10/19/21 05:09	10/20/21 04:41	1
NEtFOSA	<0.79		1.8	0.79	ng/L		10/19/21 05:09	10/20/21 04:41	1
NMeFOSA	<0.39		1.8	0.39	ng/L		10/19/21 05:09	10/20/21 04:41	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 05:09	10/20/21 04:41	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 05:09	10/20/21 04:41	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 04:41	1
NEtFOSE	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 04:41	1
4:2 FTS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:41	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 05:09	10/20/21 04:41	1
8:2 FTS	<0.42		1.8	0.42	ng/L		10/19/21 05:09	10/20/21 04:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		10/19/21 05:09	10/20/21 04:41	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 04:41	1
9CI-PF3ONS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 04:41	1
11CI-PF3OUdS	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 04:41	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	93		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C5 PFPeA	101		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C2 PFHxA	100		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C4 PFHpA	105		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C4 PFOA	106		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C5 PFNA	105		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C2 PFDA	104		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C2 PFUnA	100		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C2 PFDoA	100		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C2 PFTeDA	95		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C3 PFBS	103		25 - 150				10/19/21 05:09	10/20/21 04:41	1
18O2 PFHxS	101		25 - 150				10/19/21 05:09	10/20/21 04:41	1
13C4 PFOS	103		25 - 150				10/19/21 05:09	10/20/21 04:41	1

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Lab Sample ID: 500-206977-26

Date Collected: 10/13/21 15:17

Matrix: Water

Date Received: 10/16/21 11:30

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>
13C8 FOSA	102		10 - 150	10/19/21 05:09	10/20/21 04:41	1
d3-NMeFOSAA	102		25 - 150	10/19/21 05:09	10/20/21 04:41	1
d5-NEtFOSAA	103		25 - 150	10/19/21 05:09	10/20/21 04:41	1
d-N-MeFOSA-M	84		10 - 150	10/19/21 05:09	10/20/21 04:41	1
d-N-EtFOSA-M	82		10 - 150	10/19/21 05:09	10/20/21 04:41	1
d7-N-MeFOSE-M	88		10 - 150	10/19/21 05:09	10/20/21 04:41	1
d9-N-EtFOSE-M	91		10 - 150	10/19/21 05:09	10/20/21 04:41	1
M2-4:2 FTS	132		25 - 150	10/19/21 05:09	10/20/21 04:41	1
M2-6:2 FTS	124		25 - 150	10/19/21 05:09	10/20/21 04:41	1
M2-8:2 FTS	119		25 - 150	10/19/21 05:09	10/20/21 04:41	1
13C3 HFPO-DA	103		25 - 150	10/19/21 05:09	10/20/21 04:41	1
13C2 10:2 FTS	141		25 - 150	10/19/21 05:09	10/20/21 04:41	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	2.9		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:40	1
Barium	110		2.5	0.73	ug/L		10/22/21 09:55	10/25/21 16:40	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 16:40	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 16:40	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 16:40	1
Selenium	<0.98		2.5	0.98	ug/L		10/22/21 09:55	10/25/21 16:40	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 16:40	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:18	1

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Client Sample ID: MW-14

Lab Sample ID: 500-206977-27

Date Collected: 10/13/21 16:07

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 08:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 08:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 08:33	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 08:33	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 08:33	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 08:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 08:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 08:33	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 08:33	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 08:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 08:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 08:33	1
cis-1,2-Dichloroethene	100		1.0	0.41	ug/L			10/27/21 08:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 08:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 08:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 08:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 08:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 08:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 08:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 08:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 08:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 08:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 08:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 08:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 08:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 08:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 08:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
Naphthalene	0.49	J B	1.0	0.34	ug/L			10/27/21 08:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 08:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:33	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 08:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 08:33	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 08:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 08:33	1
Tetrachloroethene	7.7		1.0	0.37	ug/L			10/27/21 08:33	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 08:33	1
trans-1,2-Dichloroethene	4.4		1.0	0.35	ug/L			10/27/21 08:33	1

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Date Collected: 10/13/21 16:07

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 08:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 08:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 08:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 08:33	1
Trichloroethene	14		0.50	0.16	ug/L			10/27/21 08:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 08:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 08:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 08:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 08:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 08:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 08:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		10/27/21 08:33	1
Dibromofluoromethane (Surr)	98		75 - 120		10/27/21 08:33	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		10/27/21 08:33	1
Toluene-d8 (Surr)	98		75 - 120		10/27/21 08:33	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.26		0.83	0.26	ug/L		10/18/21 06:31	10/20/21 20:26	1
Acenaphthylene	<0.22		0.83	0.22	ug/L		10/18/21 06:31	10/20/21 20:26	1
Anthracene	<0.28		0.83	0.28	ug/L		10/18/21 06:31	10/20/21 20:26	1
Benzo[a]anthracene	<0.047		0.17	0.047	ug/L		10/18/21 06:31	10/20/21 20:26	1
Benzo[a]pyrene	<0.082		0.17	0.082	ug/L		10/18/21 06:31	10/20/21 20:26	1
Benzo[b]fluoranthene	<0.067		0.17	0.067	ug/L		10/18/21 06:31	10/20/21 20:26	1
Benzo[g,h,i]perylene	<0.31		0.83	0.31	ug/L		10/18/21 06:31	10/20/21 20:26	1
Benzo[k]fluoranthene	<0.053		0.17	0.053	ug/L		10/18/21 06:31	10/20/21 20:26	1
Chrysene	<0.057		0.17	0.057	ug/L		10/18/21 06:31	10/20/21 20:26	1
Dibenz(a,h)anthracene	<0.042		0.25	0.042	ug/L		10/18/21 06:31	10/20/21 20:26	1
Fluoranthene	<0.38		0.83	0.38	ug/L		10/18/21 06:31	10/20/21 20:26	1
Fluorene	<0.20		0.83	0.20	ug/L		10/18/21 06:31	10/20/21 20:26	1
Indeno[1,2,3-cd]pyrene	<0.062		0.17	0.062	ug/L		10/18/21 06:31	10/20/21 20:26	1
Naphthalene	<0.26		0.83	0.26	ug/L		10/18/21 06:31	10/20/21 20:26	1
Phenanthrene	<0.25		0.83	0.25	ug/L		10/18/21 06:31	10/20/21 20:26	1
Pyrene	<0.35		0.83	0.35	ug/L		10/18/21 06:31	10/20/21 20:26	1
1-Methylnaphthalene	<0.25		1.7	0.25	ug/L		10/18/21 06:31	10/20/21 20:26	1
2-Methylnaphthalene	<0.054		1.7	0.054	ug/L		10/18/21 06:31	10/20/21 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	77		36 - 120	10/18/21 06:31	10/20/21 20:26	1
Terphenyl-d14 (Surr)	104		40 - 145	10/18/21 06:31	10/20/21 20:26	1
2-Fluorobiphenyl (Surr)	76		34 - 110	10/18/21 06:31	10/20/21 20:26	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.7	J	4.8	2.3	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluoropentanoic acid (PFPeA)	1.0	J	1.9	0.47	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorohexanoic acid (PFHxA)	2.0		1.9	0.55	ng/L		10/19/21 05:09	10/20/21 04:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	1.1	J	1.9	0.24	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorooctanoic acid (PFOA)	16		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorotetradecanoic acid (PFTeA)	<0.70		1.9	0.70	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorobutanesulfonic acid (PFBS)	1.3	J	1.9	0.19	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.50	J	1.9	0.29	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorohexanesulfonic acid (PFHxS)	22		1.9	0.54	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.50	J	1.9	0.18	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorooctanesulfonic acid (PFOS)	15		1.9	0.52	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.93		1.9	0.93	ng/L		10/19/21 05:09	10/20/21 04:51	1
Perfluorooctanesulfonamide (FOSA)	<0.94		1.9	0.94	ng/L		10/19/21 05:09	10/20/21 04:51	1
NEtFOSA	<0.83		1.9	0.83	ng/L		10/19/21 05:09	10/20/21 04:51	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 05:09	10/20/21 04:51	1
NMeFOSAA	<1.1		4.8	1.1	ng/L		10/19/21 05:09	10/20/21 04:51	1
NEtFOSAA	<1.2		4.8	1.2	ng/L		10/19/21 05:09	10/20/21 04:51	1
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 05:09	10/20/21 04:51	1
NEtFOSE	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 04:51	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 04:51	1
6:2 FTS	<2.4		4.8	2.4	ng/L		10/19/21 05:09	10/20/21 04:51	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 05:09	10/20/21 04:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 05:09	10/20/21 04:51	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 05:09	10/20/21 04:51	1
9CI-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 04:51	1
11CI-PF3OUdS	<0.31		1.9	0.31	ng/L		10/19/21 05:09	10/20/21 04:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C5 PFPeA	101		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C2 PFHxA	103		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C4 PFHpA	99		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C4 PFOA	100		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C5 PFNA	109		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C2 PFDA	97		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C2 PFUnA	97		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C2 PFDoA	96		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C2 PFTeDA	93		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C3 PFBS	95		25 - 150				10/19/21 05:09	10/20/21 04:51	1
18O2 PFHxS	94		25 - 150				10/19/21 05:09	10/20/21 04:51	1
13C4 PFOS	98		25 - 150				10/19/21 05:09	10/20/21 04:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-14

Lab Sample ID: 500-206977-27

Date Collected: 10/13/21 16:07

Matrix: Water

Date Received: 10/16/21 11:30

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>
13C8 FOSA	97		10 - 150	10/19/21 05:09	10/20/21 04:51	1
d3-NMeFOSAA	93		25 - 150	10/19/21 05:09	10/20/21 04:51	1
d5-NEtFOSAA	88		25 - 150	10/19/21 05:09	10/20/21 04:51	1
d-N-MeFOSA-M	80		10 - 150	10/19/21 05:09	10/20/21 04:51	1
d-N-EtFOSA-M	81		10 - 150	10/19/21 05:09	10/20/21 04:51	1
d7-N-MeFOSE-M	84		10 - 150	10/19/21 05:09	10/20/21 04:51	1
d9-N-EtFOSE-M	88		10 - 150	10/19/21 05:09	10/20/21 04:51	1
M2-4:2 FTS	128		25 - 150	10/19/21 05:09	10/20/21 04:51	1
M2-6:2 FTS	116		25 - 150	10/19/21 05:09	10/20/21 04:51	1
M2-8:2 FTS	123		25 - 150	10/19/21 05:09	10/20/21 04:51	1
13C3 HFPO-DA	95		25 - 150	10/19/21 05:09	10/20/21 04:51	1
13C2 10:2 FTS	112		25 - 150	10/19/21 05:09	10/20/21 04:51	1

Method: 6020A - Metals (ICP/MS) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Arsenic	1.1		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:43	1
Barium	100		2.5	0.73	ug/L		10/22/21 09:55	10/25/21 16:43	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 16:43	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 16:43	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 16:43	1
Selenium	<0.98		2.5	0.98	ug/L		10/22/21 09:55	10/25/21 16:43	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 16:43	1

Method: 7470A - Mercury (CVAA) - Dissolved

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:20	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02
Date Collected: 10/13/21 17:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 13:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 13:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 13:45	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 13:45	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 13:45	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 13:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 13:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 13:45	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 13:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 13:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 13:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 13:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 13:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 13:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 13:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 13:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 13:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 13:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 13:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 13:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 13:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 13:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 13:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 13:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 13:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 13:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 13:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 13:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 13:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:45	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 13:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 13:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 13:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 13:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 13:45	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 13:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 13:45	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02
Date Collected: 10/13/21 17:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 13:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 13:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 13:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 13:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 13:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 13:45	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 13:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 13:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 13:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 13:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		10/27/21 13:45	1
Dibromofluoromethane (Surr)	102		75 - 120		10/27/21 13:45	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		10/27/21 13:45	1
Toluene-d8 (Surr)	96		75 - 120		10/27/21 13:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 20:50	1
Acenaphthylene	<0.24		0.88	0.24	ug/L		10/18/21 06:31	10/20/21 20:50	1
Anthracene	<0.30		0.88	0.30	ug/L		10/18/21 06:31	10/20/21 20:50	1
Benzo[a]anthracene	<0.050		0.18	0.050	ug/L		10/18/21 06:31	10/20/21 20:50	1
Benzo[a]pyrene	<0.087		0.18	0.087	ug/L		10/18/21 06:31	10/20/21 20:50	1
Benzo[b]fluoranthene	<0.071		0.18	0.071	ug/L		10/18/21 06:31	10/20/21 20:50	1
Benzo[g,h,i]perylene	<0.33		0.88	0.33	ug/L		10/18/21 06:31	10/20/21 20:50	1
Benzo[k]fluoranthene	<0.057		0.18	0.057	ug/L		10/18/21 06:31	10/20/21 20:50	1
Chrysene	<0.060		0.18	0.060	ug/L		10/18/21 06:31	10/20/21 20:50	1
Dibenz(a,h)anthracene	<0.045		0.27	0.045	ug/L		10/18/21 06:31	10/20/21 20:50	1
Fluoranthene	<0.40		0.88	0.40	ug/L		10/18/21 06:31	10/20/21 20:50	1
Fluorene	<0.22		0.88	0.22	ug/L		10/18/21 06:31	10/20/21 20:50	1
Indeno[1,2,3-cd]pyrene	<0.066		0.18	0.066	ug/L		10/18/21 06:31	10/20/21 20:50	1
Naphthalene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 20:50	1
Phenanthrene	<0.27		0.88	0.27	ug/L		10/18/21 06:31	10/20/21 20:50	1
Pyrene	<0.38		0.88	0.38	ug/L		10/18/21 06:31	10/20/21 20:50	1
1-Methylnaphthalene	<0.27		1.8	0.27	ug/L		10/18/21 06:31	10/20/21 20:50	1
2-Methylnaphthalene	<0.058		1.8	0.058	ug/L		10/18/21 06:31	10/20/21 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		36 - 120	10/18/21 06:31	10/20/21 20:50	1
Terphenyl-d14 (Surr)	99		40 - 145	10/18/21 06:31	10/20/21 20:50	1
2-Fluorobiphenyl (Surr)	65		34 - 110	10/18/21 06:31	10/20/21 20:50	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.0		4.2	2.0	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluoropentanoic acid (PFPeA)	1.1	J	1.7	0.41	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorohexanoic acid (PFHxA)	0.58	J	1.7	0.49	ng/L		10/19/21 19:05	10/20/21 16:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02
Date Collected: 10/13/21 17:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-28
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	<0.21		1.7	0.21	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorooctanoic acid (PFOA)	0.93	J	1.7	0.71	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorononanoic acid (PFNA)	<0.23		1.7	0.23	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorodecanoic acid (PFDA)	0.38	J	1.7	0.26	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluoroundecanoic acid (PFUnA)	<0.92		1.7	0.92	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorododecanoic acid (PFDoA)	<0.46		1.7	0.46	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorotetradecanoic acid (PFTeA)	<0.61		1.7	0.61	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluoropentanesulfonic acid (PFPeS)	<0.25		1.7	0.25	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorohexanesulfonic acid (PFHxS)	<0.48		1.7	0.48	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.16		1.7	0.16	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorooctanesulfonic acid (PFOS)	1.4	J	1.7	0.45	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorononanesulfonic acid (PFNS)	<0.31		1.7	0.31	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorodecanesulfonic acid (PFDS)	<0.27		1.7	0.27	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorododecanesulfonic acid (PFDoS)	<0.82		1.7	0.82	ng/L		10/19/21 19:05	10/20/21 16:12	1
Perfluorooctanesulfonamide (FOSA)	<0.82		1.7	0.82	ng/L		10/19/21 19:05	10/20/21 16:12	1
NEtFOSA	<0.73		1.7	0.73	ng/L		10/19/21 19:05	10/20/21 16:12	1
NMeFOSA	<0.36		1.7	0.36	ng/L		10/19/21 19:05	10/20/21 16:12	1
NMeFOSAA	1.1	J	4.2	1.0	ng/L		10/19/21 19:05	10/20/21 16:12	1
NEtFOSAA	<1.1		4.2	1.1	ng/L		10/19/21 19:05	10/20/21 16:12	1
NMeFOSE	2.0	J	3.4	1.2	ng/L		10/19/21 19:05	10/20/21 16:12	1
NEtFOSE	4.5		1.7	0.71	ng/L		10/19/21 19:05	10/20/21 16:12	1
4:2 FTS	<0.20		1.7	0.20	ng/L		10/19/21 19:05	10/20/21 16:12	1
6:2 FTS	<2.1		4.2	2.1	ng/L		10/19/21 19:05	10/20/21 16:12	1
8:2 FTS	0.40	J	1.7	0.39	ng/L		10/19/21 19:05	10/20/21 16:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.34		1.7	0.34	ng/L		10/19/21 19:05	10/20/21 16:12	1
HFPO-DA (GenX)	<1.3		3.4	1.3	ng/L		10/19/21 19:05	10/20/21 16:12	1
9Cl-PF3ONS	<0.20		1.7	0.20	ng/L		10/19/21 19:05	10/20/21 16:12	1
11Cl-PF3OUdS	<0.27		1.7	0.27	ng/L		10/19/21 19:05	10/20/21 16:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C5 PFPeA	91		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 PFHxA	107		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C4 PFHpA	92		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C4 PFOA	92		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C5 PFNA	88		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 PFDA	96		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 PFUnA	106		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 PFDoA	96		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 PFTeDA	77		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C3 PFBS	93		25 - 150	10/19/21 19:05	10/20/21 16:12	1
18O2 PFHxS	82		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C4 PFOS	84		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C8 FOSA	81		10 - 150	10/19/21 19:05	10/20/21 16:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02
Date Collected: 10/13/21 17:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-28
Matrix: Water

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>
d3-NMeFOSAA	81		25 - 150	10/19/21 19:05	10/20/21 16:12	1
d5-NEtFOSAA	88		25 - 150	10/19/21 19:05	10/20/21 16:12	1
d-N-MeFOSA-M	81		10 - 150	10/19/21 19:05	10/20/21 16:12	1
d-N-EtFOSA-M	81		10 - 150	10/19/21 19:05	10/20/21 16:12	1
d7-N-MeFOSE-M	77		10 - 150	10/19/21 19:05	10/20/21 16:12	1
d9-N-EtFOSE-M	70		10 - 150	10/19/21 19:05	10/20/21 16:12	1
M2-4:2 FTS	116		25 - 150	10/19/21 19:05	10/20/21 16:12	1
M2-6:2 FTS	88		25 - 150	10/19/21 19:05	10/20/21 16:12	1
M2-8:2 FTS	97		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C3 HFPO-DA	113		25 - 150	10/19/21 19:05	10/20/21 16:12	1
13C2 10:2 FTS	112		25 - 150	10/19/21 19:05	10/20/21 16:12	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.43	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:47	1
Barium	1.9	J	2.5	0.73	ug/L		10/22/21 09:55	10/25/21 16:47	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 16:47	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 16:47	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 16:47	1
Selenium	<0.98		2.5	0.98	ug/L		10/22/21 09:55	10/25/21 16:47	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 16:47	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:22	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-02
Date Collected: 10/13/21 17:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-29
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.7	0.43	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorohexanoic acid (PFHxA)	<0.51		1.7	0.51	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.7	0.22	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorooctanoic acid (PFOA)	<0.74		1.7	0.74	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorononanoic acid (PFNA)	<0.24		1.7	0.24	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorodecanoic acid (PFDA)	<0.27		1.7	0.27	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluoroundecanoic acid (PFUnA)	<0.96		1.7	0.96	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorododecanoic acid (PFDoA)	<0.48		1.7	0.48	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.7	0.64	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.7	0.26	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.7	0.50	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.7	0.17	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorooctanesulfonic acid (PFOS)	<0.47		1.7	0.47	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorononanesulfonic acid (PFNS)	<0.32		1.7	0.32	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.7	0.28	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorododecanesulfonic acid (PFDoS)	<0.85		1.7	0.85	ng/L		10/19/21 19:05	10/20/21 16:54	1
Perfluorooctanesulfonamide (FOSA)	<0.86		1.7	0.86	ng/L		10/19/21 19:05	10/20/21 16:54	1
NEtFOSA	<0.76		1.7	0.76	ng/L		10/19/21 19:05	10/20/21 16:54	1
NMeFOSA	<0.38		1.7	0.38	ng/L		10/19/21 19:05	10/20/21 16:54	1
NMeFOSAA	<1.0		4.4	1.0	ng/L		10/19/21 19:05	10/20/21 16:54	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		10/19/21 19:05	10/20/21 16:54	1
NMeFOSE	<1.2		3.5	1.2	ng/L		10/19/21 19:05	10/20/21 16:54	1
NEtFOSE	<0.74		1.7	0.74	ng/L		10/19/21 19:05	10/20/21 16:54	1
4:2 FTS	<0.21		1.7	0.21	ng/L		10/19/21 19:05	10/20/21 16:54	1
6:2 FTS	<2.2		4.4	2.2	ng/L		10/19/21 19:05	10/20/21 16:54	1
8:2 FTS	<0.40		1.7	0.40	ng/L		10/19/21 19:05	10/20/21 16:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.7	0.35	ng/L		10/19/21 19:05	10/20/21 16:54	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		10/19/21 19:05	10/20/21 16:54	1
9Cl-PF3ONS	<0.21		1.7	0.21	ng/L		10/19/21 19:05	10/20/21 16:54	1
11Cl-PF3OUdS	<0.28		1.7	0.28	ng/L		10/19/21 19:05	10/20/21 16:54	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	96		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C5 PFPeA	105		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C2 PFHxA	111		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C4 PFHpA	111		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C4 PFOA	94		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C5 PFNA	101		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C2 PFDA	104		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C2 PFUnA	114		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C2 PFDoA	100		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C2 PFTeDA	84		25 - 150				10/19/21 19:05	10/20/21 16:54	1
13C3 PFBS	98		25 - 150				10/19/21 19:05	10/20/21 16:54	1
18O2 PFHxS	90		25 - 150				10/19/21 19:05	10/20/21 16:54	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-02

Lab Sample ID: 500-206977-29

Date Collected: 10/13/21 17:00

Matrix: Water

Date Received: 10/16/21 11:30

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>
13C4 PFOS	88		25 - 150	10/19/21 19:05	10/20/21 16:54	1
13C8 FOSA	85		10 - 150	10/19/21 19:05	10/20/21 16:54	1
d3-NMeFOSAA	94		25 - 150	10/19/21 19:05	10/20/21 16:54	1
d5-NEtFOSAA	95		25 - 150	10/19/21 19:05	10/20/21 16:54	1
d-N-MeFOSA-M	83		10 - 150	10/19/21 19:05	10/20/21 16:54	1
d-N-EtFOSA-M	83		10 - 150	10/19/21 19:05	10/20/21 16:54	1
d7-N-MeFOSE-M	75		10 - 150	10/19/21 19:05	10/20/21 16:54	1
d9-N-EtFOSE-M	73		10 - 150	10/19/21 19:05	10/20/21 16:54	1
M2-4:2 FTS	119		25 - 150	10/19/21 19:05	10/20/21 16:54	1
M2-6:2 FTS	93		25 - 150	10/19/21 19:05	10/20/21 16:54	1
M2-8:2 FTS	105		25 - 150	10/19/21 19:05	10/20/21 16:54	1
13C3 HFPO-DA	115		25 - 150	10/19/21 19:05	10/20/21 16:54	1
13C2 10:2 FTS	110		25 - 150	10/19/21 19:05	10/20/21 16:54	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9
Date Collected: 10/14/21 10:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 18:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 18:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 18:04	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 18:04	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 18:04	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 18:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 18:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 18:04	1
Chloroform	0.48	J	2.0	0.37	ug/L			10/27/21 18:04	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 18:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 18:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 18:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 18:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 18:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 18:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 18:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 18:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 18:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 18:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 18:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 18:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 18:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 18:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 18:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 18:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 18:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 18:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 18:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 18:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:04	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 18:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 18:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 18:04	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 18:04	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 18:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 18:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9
Date Collected: 10/14/21 10:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 18:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 18:04	1
1,1,1-Trichloroethane	2.6		1.0	0.38	ug/L			10/27/21 18:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 18:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 18:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 18:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 18:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 18:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 18:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124					10/27/21 18:04	1
Dibromofluoromethane (Surr)	104		75 - 120					10/27/21 18:04	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					10/27/21 18:04	1
Toluene-d8 (Surr)	97		75 - 120					10/27/21 18:04	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.2	J	4.7	2.2	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluoropentanoic acid (PFPeA)	0.57	J	1.9	0.46	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorohexanoic acid (PFHxA)	1.3	J	1.9	0.54	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluoroheptanoic acid (PFHpA)	0.43	J	1.9	0.23	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorooctanoic acid (PFOA)	3.8		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorobutanesulfonic acid (PFBS)	0.93	J	1.9	0.19	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.31	J	1.9	0.28	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorohexanesulfonic acid (PFHxS)	7.7		1.9	0.53	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.18	J	1.9	0.18	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorooctanesulfonic acid (PFOS)	41		1.9	0.50	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 05:09	10/20/21 05:01	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 05:09	10/20/21 05:01	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 05:01	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 05:09	10/20/21 05:01	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 05:01	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 05:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9
Date Collected: 10/14/21 10:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-30
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 05:01	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 05:01	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 05:01	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 05:01	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 05:09	10/20/21 05:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 05:09	10/20/21 05:01	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 05:01	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 05:01	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 05:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	95		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C5 PFPeA	109		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 PFHxA	99		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C4 PFHpA	103		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C4 PFOA	101		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C5 PFNA	109		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 PFDA	105		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 PFUnA	100		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 PFDoA	99		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 PFTeDA	99		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C3 PFBS	103		25 - 150				10/19/21 05:09	10/20/21 05:01	1
18O2 PFHxS	99		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C4 PFOS	102		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C8 FOSA	99		10 - 150				10/19/21 05:09	10/20/21 05:01	1
d3-NMeFOSAA	95		25 - 150				10/19/21 05:09	10/20/21 05:01	1
d5-NEtFOSAA	99		25 - 150				10/19/21 05:09	10/20/21 05:01	1
d-N-MeFOSA-M	87		10 - 150				10/19/21 05:09	10/20/21 05:01	1
d-N-EtFOSA-M	85		10 - 150				10/19/21 05:09	10/20/21 05:01	1
d7-N-MeFOSE-M	90		10 - 150				10/19/21 05:09	10/20/21 05:01	1
d9-N-EtFOSE-M	94		10 - 150				10/19/21 05:09	10/20/21 05:01	1
M2-4:2 FTS	137		25 - 150				10/19/21 05:09	10/20/21 05:01	1
M2-6:2 FTS	125		25 - 150				10/19/21 05:09	10/20/21 05:01	1
M2-8:2 FTS	128		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C3 HFPO-DA	108		25 - 150				10/19/21 05:09	10/20/21 05:01	1
13C2 10:2 FTS	119		25 - 150				10/19/21 05:09	10/20/21 05:01	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.83	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:50	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-3

Lab Sample ID: 500-206977-31

Date Collected: 10/14/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 18:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 18:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 18:32	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 18:32	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 18:32	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 18:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 18:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 18:32	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 18:32	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 18:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 18:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 18:32	1
cis-1,2-Dichloroethene	120		1.0	0.41	ug/L			10/27/21 18:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 18:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 18:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 18:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 18:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 18:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 18:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 18:32	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 18:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 18:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 18:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 18:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 18:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 18:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 18:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 18:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 18:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:32	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 18:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 18:32	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 18:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 18:32	1
Tetrachloroethene	9.6		1.0	0.37	ug/L			10/27/21 18:32	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 18:32	1
trans-1,2-Dichloroethene	7.7		1.0	0.35	ug/L			10/27/21 18:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-3

Lab Sample ID: 500-206977-31

Date Collected: 10/14/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 18:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 18:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 18:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 18:32	1
Trichloroethene	7.2		0.50	0.16	ug/L			10/27/21 18:32	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 18:32	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 18:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 18:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 18:32	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 18:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124					10/27/21 18:32	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 18:32	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					10/27/21 18:32	1
Toluene-d8 (Surr)	99		75 - 120					10/27/21 18:32	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluoropentanoic acid (PFPeA)	0.61	J	1.9	0.46	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.9	0.19	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.77	J	1.9	0.54	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorooctanesulfonic acid (PFOS)	0.86	J	1.9	0.51	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		10/19/21 05:09	10/20/21 05:42	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		10/19/21 05:09	10/20/21 05:42	1
NEtFOSA	<0.82		1.9	0.82	ng/L		10/19/21 05:09	10/20/21 05:42	1
NMeFOSA	<0.41		1.9	0.41	ng/L		10/19/21 05:09	10/20/21 05:42	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 05:42	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 05:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: OMPZ-3

Lab Sample ID: 500-206977-31

Date Collected: 10/14/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.8	1.3	ng/L		10/19/21 05:09	10/20/21 05:42	1
NEtFOSE	<0.80		1.9	0.80	ng/L		10/19/21 05:09	10/20/21 05:42	1
4:2 FTS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 05:42	1
6:2 FTS	<2.4		4.7	2.4	ng/L		10/19/21 05:09	10/20/21 05:42	1
8:2 FTS	<0.44		1.9	0.44	ng/L		10/19/21 05:09	10/20/21 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		10/19/21 05:09	10/20/21 05:42	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		10/19/21 05:09	10/20/21 05:42	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 05:42	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 05:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C5 PFPeA	96		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 PFHxA	90		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C4 PFHpA	96		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C4 PFOA	101		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C5 PFNA	103		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 PFDA	99		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 PFUnA	98		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 PFDoA	92		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 PFTeDA	91		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C3 PFBS	91		25 - 150				10/19/21 05:09	10/20/21 05:42	1
18O2 PFHxS	90		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C4 PFOS	95		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C8 FOSA	95		10 - 150				10/19/21 05:09	10/20/21 05:42	1
d3-NMeFOSAA	94		25 - 150				10/19/21 05:09	10/20/21 05:42	1
d5-NEtFOSAA	99		25 - 150				10/19/21 05:09	10/20/21 05:42	1
d-N-MeFOSA-M	80		10 - 150				10/19/21 05:09	10/20/21 05:42	1
d-N-EtFOSA-M	78		10 - 150				10/19/21 05:09	10/20/21 05:42	1
d7-N-MeFOSE-M	85		10 - 150				10/19/21 05:09	10/20/21 05:42	1
d9-N-EtFOSE-M	89		10 - 150				10/19/21 05:09	10/20/21 05:42	1
M2-4:2 FTS	115		25 - 150				10/19/21 05:09	10/20/21 05:42	1
M2-6:2 FTS	105		25 - 150				10/19/21 05:09	10/20/21 05:42	1
M2-8:2 FTS	116		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C3 HFPO-DA	97		25 - 150				10/19/21 05:09	10/20/21 05:42	1
13C2 10:2 FTS	109		25 - 150				10/19/21 05:09	10/20/21 05:42	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:53	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-8

Lab Sample ID: 500-206977-32

Date Collected: 10/14/21 12:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 19:30	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 19:30	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 19:30	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 19:30	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 19:30	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 19:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 19:30	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 19:30	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 19:30	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 19:30	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 19:30	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 19:30	1
cis-1,2-Dichloroethene	21		1.0	0.41	ug/L			10/27/21 19:30	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 19:30	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 19:30	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 19:30	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 19:30	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 19:30	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:30	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 19:30	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 19:30	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 19:30	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 19:30	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 19:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 19:30	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 19:30	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 19:30	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 19:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 19:30	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 19:30	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:30	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 19:30	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:30	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 19:30	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 19:30	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 19:30	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 19:30	1
trans-1,2-Dichloroethene	0.93 J		1.0	0.35	ug/L			10/27/21 19:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-8

Lab Sample ID: 500-206977-32

Date Collected: 10/14/21 12:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 19:30	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 19:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 19:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 19:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 19:30	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 19:30	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 19:30	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:30	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 19:30	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 19:30	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124					10/27/21 19:30	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 19:30	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126					10/27/21 19:30	1
Toluene-d8 (Surr)	97		75 - 120					10/27/21 19:30	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluoropentanoic acid (PFPeA)	0.60	J	1.8	0.45	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.8	0.54	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluoroheptanoic acid (PFHpA)	0.30	J	1.8	0.23	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorobutanesulfonic acid (PFBS)	0.94	J	1.8	0.18	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorohexanesulfonic acid (PFHxS)	0.91	J	1.8	0.53	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.8	0.18	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.8	0.30	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		10/19/21 05:09	10/20/21 05:52	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		10/19/21 05:09	10/20/21 05:52	1
NEtFOSA	<0.80		1.8	0.80	ng/L		10/19/21 05:09	10/20/21 05:52	1
NMeFOSA	<0.40		1.8	0.40	ng/L		10/19/21 05:09	10/20/21 05:52	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 05:09	10/20/21 05:52	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 05:09	10/20/21 05:52	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 05:52	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-8

Lab Sample ID: 500-206977-32

Date Collected: 10/14/21 12:00

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSE	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 05:52	1
4:2 FTS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 05:52	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 05:09	10/20/21 05:52	1
8:2 FTS	<0.42		1.8	0.42	ng/L		10/19/21 05:09	10/20/21 05:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		10/19/21 05:09	10/20/21 05:52	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 05:52	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 05:52	1
11Cl-PF3OUdS	<0.30		1.8	0.30	ng/L		10/19/21 05:09	10/20/21 05:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	94		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C5 PFPeA	104		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 PFHxA	96		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C4 PFHpA	99		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C4 PFOA	102		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C5 PFNA	102		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 PFDA	106		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 PFUnA	99		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 PFDoA	94		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 PFTeDA	98		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C3 PFBS	99		25 - 150				10/19/21 05:09	10/20/21 05:52	1
18O2 PFHxS	95		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C4 PFOS	100		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C8 FOSA	98		10 - 150				10/19/21 05:09	10/20/21 05:52	1
d3-NMeFOSAA	95		25 - 150				10/19/21 05:09	10/20/21 05:52	1
d5-NEtFOSAA	99		25 - 150				10/19/21 05:09	10/20/21 05:52	1
d-N-MeFOSA-M	84		10 - 150				10/19/21 05:09	10/20/21 05:52	1
d-N-EtFOSA-M	85		10 - 150				10/19/21 05:09	10/20/21 05:52	1
d7-N-MeFOSE-M	86		10 - 150				10/19/21 05:09	10/20/21 05:52	1
d9-N-EtFOSE-M	92		10 - 150				10/19/21 05:09	10/20/21 05:52	1
M2-4:2 FTS	119		25 - 150				10/19/21 05:09	10/20/21 05:52	1
M2-6:2 FTS	118		25 - 150				10/19/21 05:09	10/20/21 05:52	1
M2-8:2 FTS	114		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C3 HFPO-DA	101		25 - 150				10/19/21 05:09	10/20/21 05:52	1
13C2 10:2 FTS	117		25 - 150				10/19/21 05:09	10/20/21 05:52	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.94	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 16:57	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-8

Lab Sample ID: 500-206977-33

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 19:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 19:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 19:59	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 19:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 19:59	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 19:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 19:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 19:59	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 19:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 19:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 19:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 19:59	1
cis-1,2-Dichloroethene	180		1.0	0.41	ug/L			10/27/21 19:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 19:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 19:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 19:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 19:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 19:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 19:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 19:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
1,1-Dichloroethene	0.45 J		1.0	0.39	ug/L			10/27/21 19:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 19:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 19:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 19:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 19:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 19:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 19:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 19:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 19:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 19:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:59	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 19:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 19:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 19:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 19:59	1
Tetrachloroethene	15		1.0	0.37	ug/L			10/27/21 19:59	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 19:59	1
trans-1,2-Dichloroethene	3.9		1.0	0.35	ug/L			10/27/21 19:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-8

Lab Sample ID: 500-206977-33

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 19:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 19:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 19:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 19:59	1
Trichloroethene	17		0.50	0.16	ug/L			10/27/21 19:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 19:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 19:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 19:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 19:59	1
Vinyl chloride	1.2		1.0	0.20	ug/L			10/27/21 19:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124					10/27/21 19:59	1
Dibromofluoromethane (Surr)	100		75 - 120					10/27/21 19:59	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126					10/27/21 19:59	1
Toluene-d8 (Surr)	97		75 - 120					10/27/21 19:59	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorooctanoic acid (PFOA)	2.3		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorobutanesulfonic acid (PFBS)	1.0 J		1.9	0.19	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorohexanesulfonic acid (PFHxS)	4.9		1.9	0.53	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorooctanesulfonic acid (PFOS)	1.5 J		1.9	0.50	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 05:09	10/20/21 06:02	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 05:09	10/20/21 06:02	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 06:02	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 05:09	10/20/21 06:02	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 06:02	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 06:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-8
Date Collected: 10/14/21 12:50
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-33
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 06:02	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 06:02	1
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 06:02	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 06:02	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 05:09	10/20/21 06:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 05:09	10/20/21 06:02	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 06:02	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 06:02	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 06:02	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C5 PFPeA	105		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 PFHxA	100		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C4 PFHpA	102		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C4 PFOA	106		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C5 PFNA	108		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 PFDA	102		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 PFUnA	101		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 PFDoA	92		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 PFTeDA	94		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C3 PFBS	97		25 - 150				10/19/21 05:09	10/20/21 06:02	1
18O2 PFHxS	95		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C4 PFOS	99		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C8 FOSA	99		10 - 150				10/19/21 05:09	10/20/21 06:02	1
d3-NMeFOSAA	93		25 - 150				10/19/21 05:09	10/20/21 06:02	1
d5-NEtFOSAA	92		25 - 150				10/19/21 05:09	10/20/21 06:02	1
d-N-MeFOSA-M	82		10 - 150				10/19/21 05:09	10/20/21 06:02	1
d-N-EtFOSA-M	83		10 - 150				10/19/21 05:09	10/20/21 06:02	1
d7-N-MeFOSE-M	86		10 - 150				10/19/21 05:09	10/20/21 06:02	1
d9-N-EtFOSE-M	91		10 - 150				10/19/21 05:09	10/20/21 06:02	1
M2-4:2 FTS	124		25 - 150				10/19/21 05:09	10/20/21 06:02	1
M2-6:2 FTS	116		25 - 150				10/19/21 05:09	10/20/21 06:02	1
M2-8:2 FTS	117		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C3 HFPO-DA	102		25 - 150				10/19/21 05:09	10/20/21 06:02	1
13C2 10:2 FTS	111		25 - 150				10/19/21 05:09	10/20/21 06:02	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 17:07	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-9

Lab Sample ID: 500-206977-34

Date Collected: 10/14/21 14:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 20:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 20:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 20:57	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 20:57	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 20:57	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 20:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 20:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 20:57	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 20:57	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 20:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 20:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 20:57	1
cis-1,2-Dichloroethene	56		1.0	0.41	ug/L			10/27/21 20:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 20:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 20:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 20:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 20:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 20:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 20:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 20:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 20:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 20:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 20:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 20:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 20:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 20:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 20:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 20:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 20:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 20:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 20:57	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 20:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 20:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 20:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 20:57	1
Tetrachloroethene	180		1.0	0.37	ug/L			10/27/21 20:57	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 20:57	1
trans-1,2-Dichloroethene	1.1		1.0	0.35	ug/L			10/27/21 20:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-9

Lab Sample ID: 500-206977-34

Date Collected: 10/14/21 14:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 20:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 20:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 20:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 20:57	1
Trichloroethene	94		0.50	0.16	ug/L			10/27/21 20:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 20:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 20:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 20:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 20:57	1
Vinyl chloride	0.26 J		1.0	0.20	ug/L			10/27/21 20:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 20:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124					10/27/21 20:57	1
Dibromofluoromethane (Surr)	101		75 - 120					10/27/21 20:57	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126					10/27/21 20:57	1
Toluene-d8 (Surr)	95		75 - 120					10/27/21 20:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.7	2.2	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorobutanesulfonic acid (PFBS)	0.77 J		1.9	0.19	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		10/19/21 05:09	10/20/21 06:32	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		10/19/21 05:09	10/20/21 06:32	1
NEtFOSA	<0.81		1.9	0.81	ng/L		10/19/21 05:09	10/20/21 06:32	1
NMeFOSA	<0.40		1.9	0.40	ng/L		10/19/21 05:09	10/20/21 06:32	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		10/19/21 05:09	10/20/21 06:32	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		10/19/21 05:09	10/20/21 06:32	1
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 06:32	1
NEtFOSE	<0.79		1.9	0.79	ng/L		10/19/21 05:09	10/20/21 06:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-9

Lab Sample ID: 500-206977-34

Date Collected: 10/14/21 14:00

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4:2 FTS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 06:32	1
6:2 FTS	<2.3		4.7	2.3	ng/L		10/19/21 05:09	10/20/21 06:32	1
8:2 FTS	<0.43		1.9	0.43	ng/L		10/19/21 05:09	10/20/21 06:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.9	0.37	ng/L		10/19/21 05:09	10/20/21 06:32	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 06:32	1
9CI-PF3ONS	<0.22		1.9	0.22	ng/L		10/19/21 05:09	10/20/21 06:32	1
11CI-PF3OUdS	<0.30		1.9	0.30	ng/L		10/19/21 05:09	10/20/21 06:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C5 PFPeA	101		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 PFHxA	101		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C4 PFHpA	101		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C4 PFOA	104		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C5 PFNA	103		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 PFDA	105		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 PFUnA	95		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 PFDoA	97		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 PFTeDA	97		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C3 PFBS	95		25 - 150				10/19/21 05:09	10/20/21 06:32	1
18O2 PFHxS	97		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C4 PFOS	102		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C8 FOSA	100		10 - 150				10/19/21 05:09	10/20/21 06:32	1
d3-NMeFOSAA	96		25 - 150				10/19/21 05:09	10/20/21 06:32	1
d5-NEtFOSAA	92		25 - 150				10/19/21 05:09	10/20/21 06:32	1
d-N-MeFOSA-M	86		10 - 150				10/19/21 05:09	10/20/21 06:32	1
d-N-EtFOSA-M	85		10 - 150				10/19/21 05:09	10/20/21 06:32	1
d7-N-MeFOSE-M	90		10 - 150				10/19/21 05:09	10/20/21 06:32	1
d9-N-EtFOSE-M	94		10 - 150				10/19/21 05:09	10/20/21 06:32	1
M2-4:2 FTS	123		25 - 150				10/19/21 05:09	10/20/21 06:32	1
M2-6:2 FTS	110		25 - 150				10/19/21 05:09	10/20/21 06:32	1
M2-8:2 FTS	111		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C3 HFPO-DA	101		25 - 150				10/19/21 05:09	10/20/21 06:32	1
13C2 10:2 FTS	102		25 - 150				10/19/21 05:09	10/20/21 06:32	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-04
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-35
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.8	0.43	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorohexanoic acid (PFHxA)	<0.51		1.8	0.51	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorooctanoic acid (PFOA)	<0.75		1.8	0.75	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorodecanoic acid (PFDA)	<0.27		1.8	0.27	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluoroundecanoic acid (PFUnA)	<0.97		1.8	0.97	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.8	1.1	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorotetradecanoic acid (PFTeA)	<0.64		1.8	0.64	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.8	0.26	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.8	0.50	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		10/19/21 19:05	10/20/21 17:04	1
Perfluorooctanesulfonamide (FOSA)	<0.86		1.8	0.86	ng/L		10/19/21 19:05	10/20/21 17:04	1
NEtFOSA	<0.77		1.8	0.77	ng/L		10/19/21 19:05	10/20/21 17:04	1
NMeFOSA	<0.38		1.8	0.38	ng/L		10/19/21 19:05	10/20/21 17:04	1
NMeFOSAA	<1.1		4.4	1.1	ng/L		10/19/21 19:05	10/20/21 17:04	1
NEtFOSAA	<1.1		4.4	1.1	ng/L		10/19/21 19:05	10/20/21 17:04	1
NMeFOSE	<1.2		3.5	1.2	ng/L		10/19/21 19:05	10/20/21 17:04	1
NEtFOSE	<0.75		1.8	0.75	ng/L		10/19/21 19:05	10/20/21 17:04	1
4:2 FTS	<0.21		1.8	0.21	ng/L		10/19/21 19:05	10/20/21 17:04	1
6:2 FTS	<2.2		4.4	2.2	ng/L		10/19/21 19:05	10/20/21 17:04	1
8:2 FTS	<0.41		1.8	0.41	ng/L		10/19/21 19:05	10/20/21 17:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.35		1.8	0.35	ng/L		10/19/21 19:05	10/20/21 17:04	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		10/19/21 19:05	10/20/21 17:04	1
9Cl-PF3ONS	<0.21		1.8	0.21	ng/L		10/19/21 19:05	10/20/21 17:04	1
11Cl-PF3OUdS	<0.28		1.8	0.28	ng/L		10/19/21 19:05	10/20/21 17:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	92		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C5 PFPeA	103		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C2 PFHxA	110		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C4 PFHpA	106		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C4 PFOA	94		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C5 PFNA	97		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C2 PFDA	98		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C2 PFUnA	109		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C2 PFDoA	94		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C2 PFTeDA	83		25 - 150				10/19/21 19:05	10/20/21 17:04	1
13C3 PFBS	94		25 - 150				10/19/21 19:05	10/20/21 17:04	1
18O2 PFHxS	83		25 - 150				10/19/21 19:05	10/20/21 17:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-04
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-35
Matrix: Water

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	89		25 - 150	10/19/21 19:05	10/20/21 17:04	1
13C8 FOSA	84		10 - 150	10/19/21 19:05	10/20/21 17:04	1
d3-NMeFOSAA	88		25 - 150	10/19/21 19:05	10/20/21 17:04	1
d5-NEtFOSAA	94		25 - 150	10/19/21 19:05	10/20/21 17:04	1
d-N-MeFOSA-M	79		10 - 150	10/19/21 19:05	10/20/21 17:04	1
d-N-EtFOSA-M	79		10 - 150	10/19/21 19:05	10/20/21 17:04	1
d7-N-MeFOSE-M	80		10 - 150	10/19/21 19:05	10/20/21 17:04	1
d9-N-EtFOSE-M	71		10 - 150	10/19/21 19:05	10/20/21 17:04	1
M2-4:2 FTS	112		25 - 150	10/19/21 19:05	10/20/21 17:04	1
M2-6:2 FTS	85		25 - 150	10/19/21 19:05	10/20/21 17:04	1
M2-8:2 FTS	93		25 - 150	10/19/21 19:05	10/20/21 17:04	1
13C3 HFPO-DA	122		25 - 150	10/19/21 19:05	10/20/21 17:04	1
13C2 10:2 FTS	101		25 - 150	10/19/21 19:05	10/20/21 17:04	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-04
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 15:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 15:22	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 15:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 15:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 15:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 15:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 15:22	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 15:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 15:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 15:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 15:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 15:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 15:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 15:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 15:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 15:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 15:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 15:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 15:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 15:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 15:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 15:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 15:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 15:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 15:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 15:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
Naphthalene	0.40	J B	1.0	0.34	ug/L			10/27/21 15:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 15:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:22	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 15:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 15:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 15:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 15:22	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 15:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 15:22	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-04
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 15:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 15:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 15:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 15:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 15:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 15:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 15:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 15:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					10/27/21 15:22	1
Dibromofluoromethane (Surr)	90		75 - 120					10/27/21 15:22	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126					10/27/21 15:22	1
Toluene-d8 (Surr)	100		75 - 120					10/27/21 15:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.0		4.2	2.0	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluoropentanoic acid (PFPeA)	<0.41		1.7	0.41	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorohexanoic acid (PFHxA)	<0.49		1.7	0.49	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluoroheptanoic acid (PFHpA)	<0.21		1.7	0.21	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorooctanoic acid (PFOA)	<0.71		1.7	0.71	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorononanoic acid (PFNA)	<0.23		1.7	0.23	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorodecanoic acid (PFDA)	<0.26		1.7	0.26	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluoroundecanoic acid (PFUnA)	<0.92		1.7	0.92	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorododecanoic acid (PFDoA)	<0.46		1.7	0.46	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorotetradecanoic acid (PFTeA)	<0.61		1.7	0.61	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.25		1.7	0.25	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.48		1.7	0.48	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.16		1.7	0.16	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.45		1.7	0.45	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorononanesulfonic acid (PFNS)	<0.31		1.7	0.31	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorodecanesulfonic acid (PFDS)	<0.27		1.7	0.27	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorododecanesulfonic acid (PFDoS)	<0.81		1.7	0.81	ng/L		10/19/21 19:05	10/20/21 17:14	1
Perfluorooctanesulfonamide (FOSA)	<0.82		1.7	0.82	ng/L		10/19/21 19:05	10/20/21 17:14	1
NEtFOSA	<0.73		1.7	0.73	ng/L		10/19/21 19:05	10/20/21 17:14	1
NMeFOSA	<0.36		1.7	0.36	ng/L		10/19/21 19:05	10/20/21 17:14	1
NMeFOSAA	<1.0		4.2	1.0	ng/L		10/19/21 19:05	10/20/21 17:14	1
NEtFOSAA	<1.1		4.2	1.1	ng/L		10/19/21 19:05	10/20/21 17:14	1
NMeFOSE	<1.2		3.3	1.2	ng/L		10/19/21 19:05	10/20/21 17:14	1
NEtFOSE	<0.71		1.7	0.71	ng/L		10/19/21 19:05	10/20/21 17:14	1
4:2 FTS	<0.20		1.7	0.20	ng/L		10/19/21 19:05	10/20/21 17:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-04
Date Collected: 10/14/21 15:00
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-36
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<2.1		4.2	2.1	ng/L		10/19/21 19:05	10/20/21 17:14	1
8:2 FTS	<0.39		1.7	0.39	ng/L		10/19/21 19:05	10/20/21 17:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.33		1.7	0.33	ng/L		10/19/21 19:05	10/20/21 17:14	1
HFPO-DA (GenX)	<1.3		3.3	1.3	ng/L		10/19/21 19:05	10/20/21 17:14	1
9Cl-PF3ONS	<0.20		1.7	0.20	ng/L		10/19/21 19:05	10/20/21 17:14	1
11Cl-PF3OUdS	<0.27		1.7	0.27	ng/L		10/19/21 19:05	10/20/21 17:14	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C5 PFPeA	109		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 PFHxA	118		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C4 PFHpA	115		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C4 PFOA	100		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C5 PFNA	103		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 PFDA	111		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 PFUnA	118		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 PFDoA	99		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 PFTeDA	83		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C3 PFBS	105		25 - 150				10/19/21 19:05	10/20/21 17:14	1
18O2 PFHxS	93		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C4 PFOS	100		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C8 FOSA	91		10 - 150				10/19/21 19:05	10/20/21 17:14	1
d3-NMeFOSAA	90		25 - 150				10/19/21 19:05	10/20/21 17:14	1
d5-NEtFOSAA	97		25 - 150				10/19/21 19:05	10/20/21 17:14	1
d-N-MeFOSA-M	88		10 - 150				10/19/21 19:05	10/20/21 17:14	1
d-N-EtFOSA-M	89		10 - 150				10/19/21 19:05	10/20/21 17:14	1
d7-N-MeFOSE-M	81		10 - 150				10/19/21 19:05	10/20/21 17:14	1
d9-N-EtFOSE-M	74		10 - 150				10/19/21 19:05	10/20/21 17:14	1
M2-4:2 FTS	125		25 - 150				10/19/21 19:05	10/20/21 17:14	1
M2-6:2 FTS	101		25 - 150				10/19/21 19:05	10/20/21 17:14	1
M2-8:2 FTS	110		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C3 HFPO-DA	122		25 - 150				10/19/21 19:05	10/20/21 17:14	1
13C2 10:2 FTS	97		25 - 150				10/19/21 19:05	10/20/21 17:14	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.38	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 17:28	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9 DUP

Lab Sample ID: 500-206977-37

Date Collected: 10/14/21 10:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 15:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 15:44	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 15:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 15:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 15:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 15:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 15:44	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 15:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 15:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 15:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 15:44	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 15:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 15:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 15:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 15:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 15:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 15:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 15:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 15:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 15:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 15:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 15:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 15:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 15:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 15:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 15:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
Naphthalene	0.39	J B	1.0	0.34	ug/L			10/27/21 15:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 15:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:44	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 15:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 15:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 15:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 15:44	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 15:44	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 15:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 15:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9 DUP

Lab Sample ID: 500-206977-37

Date Collected: 10/14/21 10:00

Matrix: Water

Date Received: 10/16/21 11:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 15:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 15:44	1
1,1,1-Trichloroethane	2.2		1.0	0.38	ug/L			10/27/21 15:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 15:44	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 15:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 15:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 15:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 15:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 15:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 15:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124		10/27/21 15:44	1
Dibromofluoromethane (Surr)	92		75 - 120		10/27/21 15:44	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		10/27/21 15:44	1
Toluene-d8 (Surr)	102		75 - 120		10/27/21 15:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.2	J	4.6	2.2	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoropentanoic acid (PFPeA)	0.55	J	1.8	0.45	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorohexanoic acid (PFHxA)	1.3	J	1.8	0.53	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoroheptanoic acid (PFHpA)	0.51	J	1.8	0.23	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorooctanoic acid (PFOA)	3.8		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorobutanesulfonic acid (PFBS)	0.87	J	1.8	0.18	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoropentanesulfonic acid (PFPeS)	0.30	J	1.8	0.28	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorohexanesulfonic acid (PFHxS)	7.8		1.8	0.52	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.21	J	1.8	0.17	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorooctanesulfonic acid (PFOS)	41		1.8	0.50	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluoronanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		10/19/21 05:09	10/20/21 06:43	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		10/19/21 05:09	10/20/21 06:43	1
NEtFOSA	<0.80		1.8	0.80	ng/L		10/19/21 05:09	10/20/21 06:43	1
NMeFOSA	<0.40		1.8	0.40	ng/L		10/19/21 05:09	10/20/21 06:43	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		10/19/21 05:09	10/20/21 06:43	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		10/19/21 05:09	10/20/21 06:43	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9 DUP

Lab Sample ID: 500-206977-37

Date Collected: 10/14/21 10:00

Matrix: Water

Date Received: 10/16/21 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSE	<1.3		3.7	1.3	ng/L		10/19/21 05:09	10/20/21 06:43	1
NEtFOSE	<0.78		1.8	0.78	ng/L		10/19/21 05:09	10/20/21 06:43	1
4:2 FTS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 06:43	1
6:2 FTS	<2.3		4.6	2.3	ng/L		10/19/21 05:09	10/20/21 06:43	1
8:2 FTS	<0.42		1.8	0.42	ng/L		10/19/21 05:09	10/20/21 06:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		10/19/21 05:09	10/20/21 06:43	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		10/19/21 05:09	10/20/21 06:43	1
9CI-PF3ONS	<0.22		1.8	0.22	ng/L		10/19/21 05:09	10/20/21 06:43	1
11CI-PF3OUdS	<0.29		1.8	0.29	ng/L		10/19/21 05:09	10/20/21 06:43	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C5 PFPeA	96		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 PFHxA	91		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C4 PFHpA	90		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C4 PFOA	95		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C5 PFNA	92		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 PFDA	91		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 PFUnA	88		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 PFDoA	85		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 PFTeDA	86		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C3 PFBS	92		25 - 150				10/19/21 05:09	10/20/21 06:43	1
18O2 PFHxS	91		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C4 PFOS	89		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C8 FOSA	88		10 - 150				10/19/21 05:09	10/20/21 06:43	1
d3-NMeFOSAA	82		25 - 150				10/19/21 05:09	10/20/21 06:43	1
d5-NEtFOSAA	91		25 - 150				10/19/21 05:09	10/20/21 06:43	1
d-N-MeFOSA-M	74		10 - 150				10/19/21 05:09	10/20/21 06:43	1
d-N-EtFOSA-M	71		10 - 150				10/19/21 05:09	10/20/21 06:43	1
d7-N-MeFOSE-M	79		10 - 150				10/19/21 05:09	10/20/21 06:43	1
d9-N-EtFOSE-M	81		10 - 150				10/19/21 05:09	10/20/21 06:43	1
M2-4:2 FTS	114		25 - 150				10/19/21 05:09	10/20/21 06:43	1
M2-6:2 FTS	101		25 - 150				10/19/21 05:09	10/20/21 06:43	1
M2-8:2 FTS	101		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C3 HFPO-DA	89		25 - 150				10/19/21 05:09	10/20/21 06:43	1
13C2 10:2 FTS	97		25 - 150				10/19/21 05:09	10/20/21 06:43	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.87	J	1.0	0.23	ug/L		10/22/21 09:55	10/25/21 17:31	1

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⌘	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

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

GC/MS VOA

Analysis Batch: 625549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-3	B-11	Total/NA	Water	8260B	
500-206977-4	MW-11	Total/NA	Water	8260B	
500-206977-5	MW-12	Total/NA	Water	8260B	
500-206977-6	PZ-12	Total/NA	Water	8260B	
500-206977-7	PZ-12 DUP	Total/NA	Water	8260B	
500-206977-9	EB-01	Total/NA	Water	8260B	
500-206977-10	MW-1	Total/NA	Water	8260B	
500-206977-21	B-5A	Total/NA	Water	8260B	
500-206977-22	B-9	Total/NA	Water	8260B	
500-206977-23	B-12	Total/NA	Water	8260B	
500-206977-24	PZ-13	Total/NA	Water	8260B	
500-206977-25	MW-13	Total/NA	Water	8260B	
500-206977-25 - DL	MW-13	Total/NA	Water	8260B	
500-206977-26	PZ-14	Total/NA	Water	8260B	
500-206977-27	MW-14	Total/NA	Water	8260B	
MB 500-625549/7	Method Blank	Total/NA	Water	8260B	
LCS 500-625549/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 625605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-36	EB-04	Total/NA	Water	8260B	
500-206977-37	MW-9 DUP	Total/NA	Water	8260B	
MB 500-625605/6	Method Blank	Total/NA	Water	8260B	
LCS 500-625605/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 625612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-1	B-5	Total/NA	Water	8260B	
500-206977-2	B-6	Total/NA	Water	8260B	
500-206977-11	MW-2	Total/NA	Water	8260B	
500-206977-12	PZ-10	Total/NA	Water	8260B	
500-206977-13	MW-10	Total/NA	Water	8260B	
500-206977-14	PZ-5	Total/NA	Water	8260B	
500-206977-15	PZ-5 DUP	Total/NA	Water	8260B	
500-206977-16	MW-5	Total/NA	Water	8260B	
500-206977-17	OMPZ-4	Total/NA	Water	8260B	
500-206977-19	EB-03	Total/NA	Water	8260B	
500-206977-20	TRIP BLANK	Total/NA	Water	8260B	
500-206977-28	EB-02	Total/NA	Water	8260B	
500-206977-30	MW-9	Total/NA	Water	8260B	
500-206977-31	OMPZ-3	Total/NA	Water	8260B	
500-206977-32	PZ-8	Total/NA	Water	8260B	
500-206977-33	MW-8	Total/NA	Water	8260B	
500-206977-34	PZ-9	Total/NA	Water	8260B	
MB 500-625612/7	Method Blank	Total/NA	Water	8260B	
LCS 500-625612/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 625845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-625845/6	Method Blank	Total/NA	Water	8260B	
LCS 500-625845/4	Lab Control Sample	Total/NA	Water	8260B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

GC/MS VOA (Continued)

Analysis Batch: 625845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-33 MS	MW-8	Total/NA	Water	8260B	
500-206977-33 MSD	MW-8	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 623952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-4	MW-11	Total/NA	Water	3510C	
500-206977-5	MW-12	Total/NA	Water	3510C	
500-206977-6	PZ-12	Total/NA	Water	3510C	
500-206977-7	PZ-12 DUP	Total/NA	Water	3510C	
500-206977-9	EB-01	Total/NA	Water	3510C	
500-206977-24	PZ-13	Total/NA	Water	3510C	
500-206977-25	MW-13	Total/NA	Water	3510C	
500-206977-26	PZ-14	Total/NA	Water	3510C	
500-206977-27	MW-14	Total/NA	Water	3510C	
500-206977-28	EB-02	Total/NA	Water	3510C	
MB 500-623952/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-623952/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-623952/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 624520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-4	MW-11	Total/NA	Water	8270D	623952
500-206977-5	MW-12	Total/NA	Water	8270D	623952
500-206977-6	PZ-12	Total/NA	Water	8270D	623952
500-206977-7	PZ-12 DUP	Total/NA	Water	8270D	623952
500-206977-9	EB-01	Total/NA	Water	8270D	623952
500-206977-24	PZ-13	Total/NA	Water	8270D	623952
500-206977-25	MW-13	Total/NA	Water	8270D	623952
500-206977-26	PZ-14	Total/NA	Water	8270D	623952
500-206977-27	MW-14	Total/NA	Water	8270D	623952
500-206977-28	EB-02	Total/NA	Water	8270D	623952
MB 500-623952/1-A	Method Blank	Total/NA	Water	8270D	623952
LCS 500-623952/2-A	Lab Control Sample	Total/NA	Water	8270D	623952
LCSD 500-623952/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	623952

LCMS

Prep Batch: 535204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-1	B-5	Total/NA	Water	3535	
500-206977-2	B-6	Total/NA	Water	3535	
500-206977-3	B-11	Total/NA	Water	3535	
500-206977-4	MW-11	Total/NA	Water	3535	
500-206977-5	MW-12	Total/NA	Water	3535	
500-206977-6	PZ-12	Total/NA	Water	3535	
500-206977-7	PZ-12 DUP	Total/NA	Water	3535	
500-206977-10	MW-1	Total/NA	Water	3535	
500-206977-11	MW-2	Total/NA	Water	3535	
500-206977-12	PZ-10	Total/NA	Water	3535	
500-206977-13	MW-10	Total/NA	Water	3535	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

LCMS (Continued)

Prep Batch: 535204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-14	PZ-5	Total/NA	Water	3535	
500-206977-15	PZ-5 DUP	Total/NA	Water	3535	
500-206977-16	MW-5	Total/NA	Water	3535	
500-206977-17	OMPZ-4	Total/NA	Water	3535	
500-206977-21	B-5A	Total/NA	Water	3535	
500-206977-22	B-9	Total/NA	Water	3535	
500-206977-23	B-12	Total/NA	Water	3535	
500-206977-24	PZ-13	Total/NA	Water	3535	
500-206977-25	MW-13	Total/NA	Water	3535	
MB 320-535204/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-535204/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-535204/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 535207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-8	FB-01	Total/NA	Water	3535	
500-206977-9	EB-01	Total/NA	Water	3535	
500-206977-18	FB-03	Total/NA	Water	3535	
500-206977-19	EB-03	Total/NA	Water	3535	
500-206977-26	PZ-14	Total/NA	Water	3535	
500-206977-27	MW-14	Total/NA	Water	3535	
500-206977-30	MW-9	Total/NA	Water	3535	
500-206977-31	OMPZ-3	Total/NA	Water	3535	
500-206977-32	PZ-8	Total/NA	Water	3535	
500-206977-33	MW-8	Total/NA	Water	3535	
500-206977-34	PZ-9	Total/NA	Water	3535	
500-206977-37	MW-9 DUP	Total/NA	Water	3535	
MB 320-535207/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-535207/2-A	Lab Control Sample	Total/NA	Water	3535	
500-206977-33 MS	MW-8	Total/NA	Water	3535	
500-206977-33 MSD	MW-8	Total/NA	Water	3535	

Analysis Batch: 535532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-1	B-5	Total/NA	Water	537 (modified)	535204
500-206977-2	B-6	Total/NA	Water	537 (modified)	535204
500-206977-3	B-11	Total/NA	Water	537 (modified)	535204
500-206977-4	MW-11	Total/NA	Water	537 (modified)	535204
500-206977-5	MW-12	Total/NA	Water	537 (modified)	535204
500-206977-6	PZ-12	Total/NA	Water	537 (modified)	535204
500-206977-7	PZ-12 DUP	Total/NA	Water	537 (modified)	535204
500-206977-10	MW-1	Total/NA	Water	537 (modified)	535204
500-206977-11	MW-2	Total/NA	Water	537 (modified)	535204
500-206977-12	PZ-10	Total/NA	Water	537 (modified)	535204
500-206977-13	MW-10	Total/NA	Water	537 (modified)	535204
500-206977-14	PZ-5	Total/NA	Water	537 (modified)	535204
500-206977-15	PZ-5 DUP	Total/NA	Water	537 (modified)	535204
500-206977-16	MW-5	Total/NA	Water	537 (modified)	535204
500-206977-17	OMPZ-4	Total/NA	Water	537 (modified)	535204
500-206977-21	B-5A	Total/NA	Water	537 (modified)	535204
500-206977-22	B-9	Total/NA	Water	537 (modified)	535204

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

LCMS (Continued)

Analysis Batch: 535532 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-23	B-12	Total/NA	Water	537 (modified)	535204
500-206977-24	PZ-13	Total/NA	Water	537 (modified)	535204
500-206977-25	MW-13	Total/NA	Water	537 (modified)	535204
MB 320-535204/1-A	Method Blank	Total/NA	Water	537 (modified)	535204
LCS 320-535204/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	535204
LCSD 320-535204/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	535204

Analysis Batch: 535535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-8	FB-01	Total/NA	Water	537 (modified)	535207
500-206977-9	EB-01	Total/NA	Water	537 (modified)	535207
500-206977-18	FB-03	Total/NA	Water	537 (modified)	535207
500-206977-19	EB-03	Total/NA	Water	537 (modified)	535207
500-206977-26	PZ-14	Total/NA	Water	537 (modified)	535207
500-206977-27	MW-14	Total/NA	Water	537 (modified)	535207
500-206977-30	MW-9	Total/NA	Water	537 (modified)	535207
500-206977-31	OMPZ-3	Total/NA	Water	537 (modified)	535207
500-206977-32	PZ-8	Total/NA	Water	537 (modified)	535207
500-206977-33	MW-8	Total/NA	Water	537 (modified)	535207
500-206977-34	PZ-9	Total/NA	Water	537 (modified)	535207
500-206977-37	MW-9 DUP	Total/NA	Water	537 (modified)	535207
MB 320-535207/1-A	Method Blank	Total/NA	Water	537 (modified)	535207
LCS 320-535207/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	535207
500-206977-33 MS	MW-8	Total/NA	Water	537 (modified)	535207
500-206977-33 MSD	MW-8	Total/NA	Water	537 (modified)	535207

Prep Batch: 535545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-28	EB-02	Total/NA	Water	3535	
500-206977-29	FB-02	Total/NA	Water	3535	
500-206977-35	FB-04	Total/NA	Water	3535	
500-206977-36	EB-04	Total/NA	Water	3535	
MB 320-535545/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-535545/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-535545/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 535649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-28	EB-02	Total/NA	Water	537 (modified)	535545
500-206977-29	FB-02	Total/NA	Water	537 (modified)	535545
500-206977-35	FB-04	Total/NA	Water	537 (modified)	535545
500-206977-36	EB-04	Total/NA	Water	537 (modified)	535545
MB 320-535545/1-A	Method Blank	Total/NA	Water	537 (modified)	535545
LCS 320-535545/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	535545
LCSD 320-535545/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	535545

Metals

Prep Batch: 624719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-1	B-5	Dissolved	Water	3005A	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Metals (Continued)

Prep Batch: 624719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-2	B-6	Dissolved	Water	3005A	
500-206977-3	B-11	Dissolved	Water	3005A	
500-206977-4	MW-11	Dissolved	Water	3005A	
500-206977-5	MW-12	Dissolved	Water	3005A	
500-206977-6	PZ-12	Dissolved	Water	3005A	
500-206977-7	PZ-12 DUP	Dissolved	Water	3005A	
500-206977-9	EB-01	Dissolved	Water	3005A	
500-206977-10	MW-1	Dissolved	Water	3005A	
500-206977-11	MW-2	Dissolved	Water	3005A	
500-206977-12	PZ-10	Dissolved	Water	3005A	
500-206977-13	MW-10	Dissolved	Water	3005A	
500-206977-14	PZ-5	Dissolved	Water	3005A	
500-206977-15	PZ-5 DUP	Dissolved	Water	3005A	
500-206977-16	MW-5	Dissolved	Water	3005A	
500-206977-17	OMPZ-4	Dissolved	Water	3005A	
500-206977-19	EB-03	Dissolved	Water	3005A	
500-206977-21	B-5A	Dissolved	Water	3005A	
500-206977-22	B-9	Dissolved	Water	3005A	
MB 500-624719/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-624719/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-206977-1 MS	B-5	Dissolved	Water	3005A	
500-206977-1 MSD	B-5	Dissolved	Water	3005A	
500-206977-1 DU	B-5	Dissolved	Water	3005A	

Analysis Batch: 624927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-1	B-5	Dissolved	Water	6020A	624719
500-206977-2	B-6	Dissolved	Water	6020A	624719
500-206977-3	B-11	Dissolved	Water	6020A	624719
500-206977-4	MW-11	Dissolved	Water	6020A	624719
500-206977-5	MW-12	Dissolved	Water	6020A	624719
500-206977-6	PZ-12	Dissolved	Water	6020A	624719
500-206977-7	PZ-12 DUP	Dissolved	Water	6020A	624719
500-206977-9	EB-01	Dissolved	Water	6020A	624719
500-206977-10	MW-1	Dissolved	Water	6020A	624719
500-206977-11	MW-2	Dissolved	Water	6020A	624719
500-206977-12	PZ-10	Dissolved	Water	6020A	624719
500-206977-13	MW-10	Dissolved	Water	6020A	624719
500-206977-14	PZ-5	Dissolved	Water	6020A	624719
500-206977-15	PZ-5 DUP	Dissolved	Water	6020A	624719
500-206977-16	MW-5	Dissolved	Water	6020A	624719
500-206977-17	OMPZ-4	Dissolved	Water	6020A	624719
500-206977-19	EB-03	Dissolved	Water	6020A	624719
500-206977-21	B-5A	Dissolved	Water	6020A	624719
500-206977-22	B-9	Dissolved	Water	6020A	624719
MB 500-624719/1-A	Method Blank	Total Recoverable	Water	6020A	624719
LCS 500-624719/2-A	Lab Control Sample	Total Recoverable	Water	6020A	624719
500-206977-1 MS	B-5	Dissolved	Water	6020A	624719
500-206977-1 MSD	B-5	Dissolved	Water	6020A	624719
500-206977-1 DU	B-5	Dissolved	Water	6020A	624719

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Metals

Prep Batch: 624930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-23	B-12	Dissolved	Water	3005A	
500-206977-24	PZ-13	Dissolved	Water	3005A	
500-206977-25	MW-13	Dissolved	Water	3005A	
500-206977-26	PZ-14	Dissolved	Water	3005A	
500-206977-27	MW-14	Dissolved	Water	3005A	
500-206977-28	EB-02	Dissolved	Water	3005A	
500-206977-30	MW-9	Dissolved	Water	3005A	
500-206977-31	OMPZ-3	Dissolved	Water	3005A	
500-206977-32	PZ-8	Dissolved	Water	3005A	
500-206977-33	MW-8	Dissolved	Water	3005A	
500-206977-36	EB-04	Dissolved	Water	3005A	
500-206977-37	MW-9 DUP	Dissolved	Water	3005A	
MB 500-624930/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-624930/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-206977-33 MS	MW-8	Dissolved	Water	3005A	
500-206977-33 MSD	MW-8	Dissolved	Water	3005A	
500-206977-33 DU	MW-8	Dissolved	Water	3005A	

Prep Batch: 624941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-4	MW-11	Dissolved	Water	7470A	
500-206977-5	MW-12	Dissolved	Water	7470A	
500-206977-6	PZ-12	Dissolved	Water	7470A	
500-206977-7	PZ-12 DUP	Dissolved	Water	7470A	
500-206977-9	EB-01	Dissolved	Water	7470A	
MB 500-624941/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-624941/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 625237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-24	PZ-13	Dissolved	Water	7470A	
500-206977-25	MW-13	Dissolved	Water	7470A	
500-206977-26	PZ-14	Dissolved	Water	7470A	
500-206977-27	MW-14	Dissolved	Water	7470A	
500-206977-28	EB-02	Dissolved	Water	7470A	
MB 500-625237/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-625237/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-206977-28 MS	EB-02	Dissolved	Water	7470A	
500-206977-28 MSD	EB-02	Dissolved	Water	7470A	
500-206977-28 DU	EB-02	Dissolved	Water	7470A	

Analysis Batch: 625242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-4	MW-11	Dissolved	Water	7470A	624941
500-206977-5	MW-12	Dissolved	Water	7470A	624941
500-206977-6	PZ-12	Dissolved	Water	7470A	624941
500-206977-7	PZ-12 DUP	Dissolved	Water	7470A	624941
500-206977-9	EB-01	Dissolved	Water	7470A	624941
MB 500-624941/12-A	Method Blank	Total/NA	Water	7470A	624941
LCS 500-624941/13-A	Lab Control Sample	Total/NA	Water	7470A	624941

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QC Association Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Metals

Analysis Batch: 625440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-23	B-12	Dissolved	Water	6020A	624930
500-206977-24	PZ-13	Dissolved	Water	6020A	624930
500-206977-25	MW-13	Dissolved	Water	6020A	624930
500-206977-26	PZ-14	Dissolved	Water	6020A	624930
500-206977-27	MW-14	Dissolved	Water	6020A	624930
500-206977-28	EB-02	Dissolved	Water	6020A	624930
500-206977-30	MW-9	Dissolved	Water	6020A	624930
500-206977-31	OMPZ-3	Dissolved	Water	6020A	624930
500-206977-32	PZ-8	Dissolved	Water	6020A	624930
500-206977-33	MW-8	Dissolved	Water	6020A	624930
500-206977-36	EB-04	Dissolved	Water	6020A	624930
500-206977-37	MW-9 DUP	Dissolved	Water	6020A	624930
MB 500-624930/1-A	Method Blank	Total Recoverable	Water	6020A	624930
LCS 500-624930/2-A	Lab Control Sample	Total Recoverable	Water	6020A	624930
500-206977-33 MS	MW-8	Dissolved	Water	6020A	624930
500-206977-33 MSD	MW-8	Dissolved	Water	6020A	624930
500-206977-33 DU	MW-8	Dissolved	Water	6020A	624930

Analysis Batch: 625457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-206977-24	PZ-13	Dissolved	Water	7470A	625237
500-206977-25	MW-13	Dissolved	Water	7470A	625237
500-206977-26	PZ-14	Dissolved	Water	7470A	625237
500-206977-27	MW-14	Dissolved	Water	7470A	625237
500-206977-28	EB-02	Dissolved	Water	7470A	625237
MB 500-625237/12-A	Method Blank	Total/NA	Water	7470A	625237
LCS 500-625237/13-A	Lab Control Sample	Total/NA	Water	7470A	625237
500-206977-28 MS	EB-02	Dissolved	Water	7470A	625237
500-206977-28 MSD	EB-02	Dissolved	Water	7470A	625237
500-206977-28 DU	EB-02	Dissolved	Water	7470A	625237

Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-206977-1	B-5	103	100	93	96
500-206977-2	B-6	104	99	94	98
500-206977-3	B-11	94	98	93	99
500-206977-4	MW-11	91	99	93	98
500-206977-5	MW-12	92	98	94	98
500-206977-6	PZ-12	91	98	93	98
500-206977-7	PZ-12 DUP	95	97	93	99
500-206977-9	EB-01	91	98	96	96
500-206977-10	MW-1	93	98	92	97
500-206977-11	MW-2	105	101	94	97
500-206977-12	PZ-10	106	101	93	98
500-206977-13	MW-10	106	100	94	98
500-206977-14	PZ-5	105	101	95	97
500-206977-15	PZ-5 DUP	106	101	94	97
500-206977-16	MW-5	108	102	95	96
500-206977-17	OMPZ-4	105	101	94	97
500-206977-19	EB-03	105	103	94	97
500-206977-20	TRIP BLANK	103	102	95	98
500-206977-21	B-5A	91	100	91	99
500-206977-22	B-9	91	100	93	99
500-206977-23	B-12	90	98	93	98
500-206977-24	PZ-13	92	99	92	99
500-206977-25	MW-13	91	98	94	98
500-206977-25 - DL	MW-13	92	99	92	97
500-206977-26	PZ-14	92	98	93	99
500-206977-27	MW-14	92	98	93	98
500-206977-28	EB-02	110	102	97	96
500-206977-30	MW-9	108	104	97	97
500-206977-31	OMPZ-3	106	101	95	99
500-206977-32	PZ-8	106	101	94	97
500-206977-33	MW-8	107	100	94	97
500-206977-33 MS	MW-8	86	96	106	104
500-206977-33 MSD	MW-8	86	96	105	105
500-206977-34	PZ-9	108	101	96	95
500-206977-36	EB-04	89	90	86	100
500-206977-37	MW-9 DUP	88	92	88	102
LCS 500-625549/5	Lab Control Sample	94	96	91	98
LCS 500-625605/4	Lab Control Sample	91	94	86	101
LCS 500-625612/5	Lab Control Sample	89	100	90	93
LCS 500-625845/4	Lab Control Sample	86	96	108	104
MB 500-625549/7	Method Blank	89	91	81	102
MB 500-625605/6	Method Blank	91	91	89	100
MB 500-625612/7	Method Blank	107	101	94	96
MB 500-625845/6	Method Blank	88	93	109	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		NBZ (36-120)	TPHL (40-145)	FBP (34-110)
500-206977-4	MW-11	70	90	68
500-206977-5	MW-12	71	92	74
500-206977-6	PZ-12	75	97	70
500-206977-7	PZ-12 DUP	72	93	70
500-206977-9	EB-01	75	92	69
500-206977-24	PZ-13	74	104	70
500-206977-25	MW-13	65	98	62
500-206977-26	PZ-14	55	96	54
500-206977-27	MW-14	77	104	76
500-206977-28	EB-02	70	99	65
LCS 500-623952/2-A	Lab Control Sample	86	99	91
LCSD 500-623952/3-A	Lab Control Sample Dup	83	91	93
MB 500-623952/1-A	Method Blank	85	97	84

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-625549/7
Matrix: Water
Analysis Batch: 625549

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 03:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 03:05	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 03:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 03:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 03:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 03:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 03:05	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 03:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 03:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 03:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 03:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 03:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 03:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 03:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 03:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 03:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 03:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 03:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 03:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 03:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 03:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 03:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 03:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 03:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 03:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 03:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
Naphthalene	0.782	J	1.0	0.34	ug/L			10/27/21 03:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 03:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:05	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 03:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 03:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 03:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 03:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 03:05	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 03:05	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625549/7
Matrix: Water
Analysis Batch: 625549

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 03:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 03:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 03:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 03:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 03:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 03:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 03:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 03:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 03:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 03:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 03:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 03:05	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	89		72 - 124		10/27/21 03:05	1
Dibromofluoromethane (Surr)	91		75 - 120		10/27/21 03:05	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126		10/27/21 03:05	1
Toluene-d8 (Surr)	102		75 - 120		10/27/21 03:05	1

Lab Sample ID: LCS 500-625549/5
Matrix: Water
Analysis Batch: 625549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	56.5		ug/L		113	70 - 122
Bromochloromethane	50.0	57.8		ug/L		116	65 - 122
Bromodichloromethane	50.0	50.6		ug/L		101	69 - 120
Bromoform	50.0	48.7		ug/L		97	56 - 132
Bromomethane	50.0	65.2		ug/L		130	40 - 152
2-Butanone (MEK)	50.0	41.8		ug/L		84	46 - 144
Carbon tetrachloride	50.0	47.7		ug/L		95	59 - 133
Chlorobenzene	50.0	54.7		ug/L		109	70 - 120
Chloroethane	50.0	54.2		ug/L		108	48 - 136
Chloroform	50.0	52.6		ug/L		105	70 - 120
Chloromethane	50.0	49.0		ug/L		98	56 - 152
2-Chlorotoluene	50.0	53.2		ug/L		106	70 - 125
4-Chlorotoluene	50.0	53.2		ug/L		106	68 - 124
cis-1,2-Dichloroethene	50.0	57.0		ug/L		114	70 - 125
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	64 - 127
Dibromochloromethane	50.0	49.6		ug/L		99	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.8		ug/L		92	56 - 123
1,2-Dibromoethane	50.0	56.5		ug/L		113	70 - 125
Dibromomethane	50.0	54.1		ug/L		108	70 - 120
1,2-Dichlorobenzene	50.0	55.5		ug/L		111	70 - 125
1,3-Dichlorobenzene	50.0	55.9		ug/L		112	70 - 125
1,4-Dichlorobenzene	50.0	55.0		ug/L		110	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-625549/5
Matrix: Water
Analysis Batch: 625549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	51.1		ug/L		102	40 - 159
1,1-Dichloroethane	50.0	54.7		ug/L		109	70 - 125
1,2-Dichloroethane	50.0	52.8		ug/L		106	68 - 127
1,1-Dichloroethene	50.0	56.7		ug/L		113	67 - 122
1,2-Dichloropropane	50.0	54.9		ug/L		110	67 - 130
1,3-Dichloropropane	50.0	52.5		ug/L		105	62 - 136
2,2-Dichloropropane	50.0	44.9		ug/L		90	58 - 139
1,1-Dichloropropene	50.0	53.1		ug/L		106	70 - 121
Ethylbenzene	50.0	53.8		ug/L		108	70 - 123
Hexachlorobutadiene	50.0	55.5		ug/L		111	51 - 150
Isopropylbenzene	50.0	53.4		ug/L		107	70 - 126
Methylene Chloride	50.0	53.7		ug/L		107	69 - 125
Methyl tert-butyl ether	50.0	53.3		ug/L		107	55 - 123
Naphthalene	50.0	53.3		ug/L		107	53 - 144
n-Butylbenzene	50.0	53.3		ug/L		107	68 - 125
N-Propylbenzene	50.0	53.4		ug/L		107	69 - 127
p-Isopropyltoluene	50.0	53.0		ug/L		106	70 - 125
sec-Butylbenzene	50.0	53.6		ug/L		107	70 - 123
Styrene	50.0	54.1		ug/L		108	70 - 120
tert-Butylbenzene	50.0	52.4		ug/L		105	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.0		ug/L		96	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.9		ug/L		104	62 - 140
Tetrachloroethene	50.0	56.2		ug/L		112	70 - 128
Toluene	50.0	51.6		ug/L		103	70 - 125
trans-1,2-Dichloroethene	50.0	56.9		ug/L		114	70 - 125
trans-1,3-Dichloropropene	50.0	45.7		ug/L		91	62 - 128
1,2,3-Trichlorobenzene	50.0	53.5		ug/L		107	51 - 145
1,2,4-Trichlorobenzene	50.0	52.7		ug/L		105	57 - 137
1,1,1-Trichloroethane	50.0	51.6		ug/L		103	70 - 125
1,1,2-Trichloroethane	50.0	54.1		ug/L		108	71 - 130
Trichloroethene	50.0	52.7		ug/L		105	70 - 125
Trichlorofluoromethane	50.0	52.4		ug/L		105	55 - 128
1,2,3-Trichloropropane	50.0	54.2		ug/L		108	50 - 133
1,2,4-Trimethylbenzene	50.0	53.1		ug/L		106	70 - 123
1,3,5-Trimethylbenzene	50.0	52.8		ug/L		106	70 - 123
Vinyl chloride	50.0	53.1		ug/L		106	64 - 126
Xylenes, Total	100	104		ug/L		104	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	91		75 - 126
Toluene-d8 (Surr)	98		75 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625605/6
Matrix: Water
Analysis Batch: 625605

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 11:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 11:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 11:20	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 11:20	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 11:20	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 11:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 11:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 11:20	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 11:20	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 11:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 11:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 11:20	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 11:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 11:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 11:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 11:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 11:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 11:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 11:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 11:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 11:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 11:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 11:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 11:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 11:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 11:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 11:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
Naphthalene	0.691	J	1.0	0.34	ug/L			10/27/21 11:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 11:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:20	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 11:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 11:20	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 11:20	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 11:20	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 11:20	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625605/6
Matrix: Water
Analysis Batch: 625605

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 11:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 11:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 11:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 11:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 11:20	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 11:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 11:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 11:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 11:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 11:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 11:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	91		72 - 124		10/27/21 11:20	1
Dibromofluoromethane (Surr)	91		75 - 120		10/27/21 11:20	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		10/27/21 11:20	1
Toluene-d8 (Surr)	100		75 - 120		10/27/21 11:20	1

Lab Sample ID: LCS 500-625605/4
Matrix: Water
Analysis Batch: 625605

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	47.1		ug/L		94	70 - 122
Bromochloromethane	50.0	48.7		ug/L		97	65 - 122
Bromodichloromethane	50.0	43.0		ug/L		86	69 - 120
Bromoform	50.0	41.4		ug/L		83	56 - 132
Bromomethane	50.0	62.5		ug/L		125	40 - 152
2-Butanone (MEK)	50.0	41.0		ug/L		82	46 - 144
Carbon tetrachloride	50.0	46.6		ug/L		93	59 - 133
Chlorobenzene	50.0	47.9		ug/L		96	70 - 120
Chloroethane	50.0	53.5		ug/L		107	48 - 136
Chloroform	50.0	45.8		ug/L		92	70 - 120
Chloromethane	50.0	45.5		ug/L		91	56 - 152
2-Chlorotoluene	50.0	46.1		ug/L		92	70 - 125
4-Chlorotoluene	50.0	45.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	50.0	48.6		ug/L		97	70 - 125
cis-1,3-Dichloropropene	50.0	41.5		ug/L		83	64 - 127
Dibromochloromethane	50.0	43.1		ug/L		86	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	33.2		ug/L		66	56 - 123
1,2-Dibromoethane	50.0	46.0		ug/L		92	70 - 125
Dibromomethane	50.0	43.6		ug/L		87	70 - 120
1,2-Dichlorobenzene	50.0	46.9		ug/L		94	70 - 125
1,3-Dichlorobenzene	50.0	47.5		ug/L		95	70 - 125
1,4-Dichlorobenzene	50.0	47.2		ug/L		94	70 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-625605/4
Matrix: Water
Analysis Batch: 625605

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	48.0		ug/L		96	40 - 159
1,1-Dichloroethane	50.0	48.1		ug/L		96	70 - 125
1,2-Dichloroethane	50.0	42.2		ug/L		84	68 - 127
1,1-Dichloroethene	50.0	52.0		ug/L		104	67 - 122
1,2-Dichloropropane	50.0	45.1		ug/L		90	67 - 130
1,3-Dichloropropane	50.0	43.3		ug/L		87	62 - 136
2,2-Dichloropropane	50.0	41.0		ug/L		82	58 - 139
1,1-Dichloropropene	50.0	47.9		ug/L		96	70 - 121
Ethylbenzene	50.0	48.2		ug/L		96	70 - 123
Hexachlorobutadiene	50.0	48.2		ug/L		96	51 - 150
Isopropylbenzene	50.0	47.7		ug/L		95	70 - 126
Methylene Chloride	50.0	45.2		ug/L		90	69 - 125
Methyl tert-butyl ether	50.0	43.1		ug/L		86	55 - 123
Naphthalene	50.0	40.5		ug/L		81	53 - 144
n-Butylbenzene	50.0	47.8		ug/L		96	68 - 125
N-Propylbenzene	50.0	46.9		ug/L		94	69 - 127
p-Isopropyltoluene	50.0	46.8		ug/L		94	70 - 125
sec-Butylbenzene	50.0	47.5		ug/L		95	70 - 123
Styrene	50.0	47.4		ug/L		95	70 - 120
tert-Butylbenzene	50.0	46.4		ug/L		93	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.7		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.5		ug/L		81	62 - 140
Tetrachloroethene	50.0	53.0		ug/L		106	70 - 128
Toluene	50.0	46.5		ug/L		93	70 - 125
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 125
trans-1,3-Dichloropropene	50.0	39.0		ug/L		78	62 - 128
1,2,3-Trichlorobenzene	50.0	44.6		ug/L		89	51 - 145
1,2,4-Trichlorobenzene	50.0	45.8		ug/L		92	57 - 137
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 125
1,1,2-Trichloroethane	50.0	44.7		ug/L		89	71 - 130
Trichloroethene	50.0	46.8		ug/L		94	70 - 125
Trichlorofluoromethane	50.0	52.9		ug/L		106	55 - 128
1,2,3-Trichloropropane	50.0	41.3		ug/L		83	50 - 133
1,2,4-Trimethylbenzene	50.0	45.8		ug/L		92	70 - 123
1,3,5-Trimethylbenzene	50.0	46.6		ug/L		93	70 - 123
Vinyl chloride	50.0	51.4		ug/L		103	64 - 126
Xylenes, Total	100	94.2		ug/L		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	101		75 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625612/7
Matrix: Water
Analysis Batch: 625612

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			10/27/21 11:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/27/21 11:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/27/21 11:49	1
Bromoform	<0.48		1.0	0.48	ug/L			10/27/21 11:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/27/21 11:49	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/27/21 11:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/27/21 11:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/27/21 11:49	1
Chloroform	<0.37		2.0	0.37	ug/L			10/27/21 11:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/27/21 11:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/27/21 11:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/27/21 11:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/27/21 11:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/27/21 11:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/27/21 11:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/27/21 11:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/27/21 11:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/27/21 11:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/27/21 11:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/27/21 11:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/27/21 11:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/27/21 11:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/27/21 11:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/27/21 11:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/27/21 11:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/27/21 11:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/27/21 11:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/27/21 11:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/27/21 11:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:49	1
Styrene	<0.39		1.0	0.39	ug/L			10/27/21 11:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/27/21 11:49	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/27/21 11:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/27/21 11:49	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/27/21 11:49	1
Toluene	<0.15		0.50	0.15	ug/L			10/27/21 11:49	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625612/7
Matrix: Water
Analysis Batch: 625612

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/27/21 11:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/27/21 11:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/27/21 11:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/27/21 11:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/27/21 11:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/27/21 11:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/27/21 11:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/27/21 11:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/27/21 11:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/27/21 11:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/27/21 11:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/27/21 11:49	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	107		72 - 124		10/27/21 11:49	1
Dibromofluoromethane (Surr)	101		75 - 120		10/27/21 11:49	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/27/21 11:49	1
Toluene-d8 (Surr)	96		75 - 120		10/27/21 11:49	1

Lab Sample ID: LCS 500-625612/5
Matrix: Water
Analysis Batch: 625612

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	49.6		ug/L		99	70 - 122
Bromochloromethane	50.0	55.7		ug/L		111	65 - 122
Bromodichloromethane	50.0	48.9		ug/L		98	69 - 120
Bromoform	50.0	55.3		ug/L		111	56 - 132
Bromomethane	50.0	37.1		ug/L		74	40 - 152
2-Butanone (MEK)	50.0	45.9		ug/L		92	46 - 144
Carbon tetrachloride	50.0	55.7		ug/L		111	59 - 133
Chlorobenzene	50.0	52.5		ug/L		105	70 - 120
Chloroethane	50.0	46.4		ug/L		93	48 - 136
Chloroform	50.0	47.6		ug/L		95	70 - 120
Chloromethane	50.0	39.7		ug/L		79	56 - 152
2-Chlorotoluene	50.0	44.3		ug/L		89	70 - 125
4-Chlorotoluene	50.0	43.3		ug/L		87	68 - 124
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 125
cis-1,3-Dichloropropene	50.0	42.8		ug/L		86	64 - 127
Dibromochloromethane	50.0	56.3		ug/L		113	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.5		ug/L		81	56 - 123
1,2-Dibromoethane	50.0	50.8		ug/L		102	70 - 125
Dibromomethane	50.0	51.2		ug/L		102	70 - 120
1,2-Dichlorobenzene	50.0	53.4		ug/L		107	70 - 125
1,3-Dichlorobenzene	50.0	51.8		ug/L		104	70 - 125
1,4-Dichlorobenzene	50.0	52.9		ug/L		106	70 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-625612/5
Matrix: Water
Analysis Batch: 625612

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	47.5		ug/L		95	40 - 159
1,1-Dichloroethane	50.0	44.2		ug/L		88	70 - 125
1,2-Dichloroethane	50.0	45.0		ug/L		90	68 - 127
1,1-Dichloroethene	50.0	49.8		ug/L		100	67 - 122
1,2-Dichloropropane	50.0	43.9		ug/L		88	67 - 130
1,3-Dichloropropane	50.0	46.7		ug/L		93	62 - 136
2,2-Dichloropropane	50.0	43.2		ug/L		86	58 - 139
1,1-Dichloropropene	50.0	45.2		ug/L		90	70 - 121
Ethylbenzene	50.0	50.6		ug/L		101	70 - 123
Hexachlorobutadiene	50.0	41.6		ug/L		83	51 - 150
Isopropylbenzene	50.0	47.5		ug/L		95	70 - 126
Methylene Chloride	50.0	49.3		ug/L		99	69 - 125
Methyl tert-butyl ether	50.0	44.9		ug/L		90	55 - 123
Naphthalene	50.0	53.4		ug/L		107	53 - 144
n-Butylbenzene	50.0	50.8		ug/L		102	68 - 125
N-Propylbenzene	50.0	44.0		ug/L		88	69 - 127
p-Isopropyltoluene	50.0	52.6		ug/L		105	70 - 125
sec-Butylbenzene	50.0	49.1		ug/L		98	70 - 123
Styrene	50.0	54.1		ug/L		108	70 - 120
tert-Butylbenzene	50.0	50.5		ug/L		101	70 - 121
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/L		111	70 - 125
1,1,2,2-Tetrachloroethane	50.0	50.4		ug/L		101	62 - 140
Tetrachloroethene	50.0	52.4		ug/L		105	70 - 128
Toluene	50.0	48.7		ug/L		97	70 - 125
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	70 - 125
trans-1,3-Dichloropropene	50.0	43.4		ug/L		87	62 - 128
1,2,3-Trichlorobenzene	50.0	44.1		ug/L		88	51 - 145
1,2,4-Trichlorobenzene	50.0	45.0		ug/L		90	57 - 137
1,1,1-Trichloroethane	50.0	50.7		ug/L		101	70 - 125
1,1,2-Trichloroethane	50.0	47.8		ug/L		96	71 - 130
Trichloroethene	50.0	54.8		ug/L		110	70 - 125
Trichlorofluoromethane	50.0	50.4		ug/L		101	55 - 128
1,2,3-Trichloropropane	50.0	51.7		ug/L		103	50 - 133
1,2,4-Trimethylbenzene	50.0	48.5		ug/L		97	70 - 123
1,3,5-Trimethylbenzene	50.0	48.5		ug/L		97	70 - 123
Vinyl chloride	50.0	43.9		ug/L		88	64 - 126
Xylenes, Total	100	96.0		ug/L		96	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		72 - 124
Dibromofluoromethane (Surr)	100		75 - 120
1,2-Dichloroethane-d4 (Surr)	90		75 - 126
Toluene-d8 (Surr)	93		75 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625845/6
Matrix: Water
Analysis Batch: 625845

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			10/28/21 11:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/28/21 11:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/28/21 11:36	1
Bromoform	<0.48		1.0	0.48	ug/L			10/28/21 11:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/28/21 11:36	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/28/21 11:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/28/21 11:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/28/21 11:36	1
Chloroform	<0.37		2.0	0.37	ug/L			10/28/21 11:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/28/21 11:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/28/21 11:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/28/21 11:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/28/21 11:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/28/21 11:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/28/21 11:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/28/21 11:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/28/21 11:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/28/21 11:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/28/21 11:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/28/21 11:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/28/21 11:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/28/21 11:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/28/21 11:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/28/21 11:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/28/21 11:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/28/21 11:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/28/21 11:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/28/21 11:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/28/21 11:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/28/21 11:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/28/21 11:36	1
Styrene	<0.39		1.0	0.39	ug/L			10/28/21 11:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/28/21 11:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/28/21 11:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/28/21 11:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/28/21 11:36	1
Toluene	<0.15		0.50	0.15	ug/L			10/28/21 11:36	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-625845/6
Matrix: Water
Analysis Batch: 625845

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/28/21 11:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/28/21 11:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/28/21 11:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/28/21 11:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/28/21 11:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/28/21 11:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/28/21 11:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/28/21 11:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/28/21 11:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/28/21 11:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/28/21 11:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/28/21 11:36	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	88		72 - 124		10/28/21 11:36	1
Dibromofluoromethane (Surr)	93		75 - 120		10/28/21 11:36	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		10/28/21 11:36	1
Toluene-d8 (Surr)	99		75 - 120		10/28/21 11:36	1

Lab Sample ID: LCS 500-625845/4
Matrix: Water
Analysis Batch: 625845

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	38.8		ug/L		78	70 - 122
Bromochloromethane	50.0	47.0		ug/L		94	65 - 122
Bromodichloromethane	50.0	41.5		ug/L		83	69 - 120
Bromoform	50.0	31.5		ug/L		63	56 - 132
Bromomethane	50.0	51.8		ug/L		104	40 - 152
2-Butanone (MEK)	50.0	42.8		ug/L		86	46 - 144
Carbon tetrachloride	50.0	48.7		ug/L		97	59 - 133
Chlorobenzene	50.0	47.1		ug/L		94	70 - 120
Chloroethane	50.0	49.4		ug/L		99	48 - 136
Chloroform	50.0	49.4		ug/L		99	70 - 120
Chloromethane	50.0	42.6		ug/L		85	56 - 152
2-Chlorotoluene	50.0	48.3		ug/L		97	70 - 125
4-Chlorotoluene	50.0	47.4		ug/L		95	68 - 124
cis-1,2-Dichloroethene	50.0	48.7		ug/L		97	70 - 125
cis-1,3-Dichloropropene	50.0	40.2		ug/L		80	64 - 127
Dibromochloromethane	50.0	36.6		ug/L		73	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	34.5		ug/L		69	56 - 123
1,2-Dibromoethane	50.0	41.5		ug/L		83	70 - 125
Dibromomethane	50.0	48.5		ug/L		97	70 - 120
1,2-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 125
1,3-Dichlorobenzene	50.0	45.2		ug/L		90	70 - 125
1,4-Dichlorobenzene	50.0	44.5		ug/L		89	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-625845/4
Matrix: Water
Analysis Batch: 625845

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	58.8		ug/L		118	40 - 159
1,1-Dichloroethane	50.0	48.2		ug/L		96	70 - 125
1,2-Dichloroethane	50.0	52.5		ug/L		105	68 - 127
1,1-Dichloroethene	50.0	55.0		ug/L		110	67 - 122
1,2-Dichloropropane	50.0	44.7		ug/L		89	67 - 130
1,3-Dichloropropane	50.0	44.7		ug/L		89	62 - 136
2,2-Dichloropropane	50.0	42.1		ug/L		84	58 - 139
1,1-Dichloropropene	50.0	50.5		ug/L		101	70 - 121
Ethylbenzene	50.0	51.2		ug/L		102	70 - 123
Hexachlorobutadiene	50.0	56.5		ug/L		113	51 - 150
Isopropylbenzene	50.0	51.2		ug/L		102	70 - 126
Methylene Chloride	50.0	49.8		ug/L		100	69 - 125
Methyl tert-butyl ether	50.0	37.5		ug/L		75	55 - 123
Naphthalene	50.0	50.8		ug/L		102	53 - 144
n-Butylbenzene	50.0	60.6		ug/L		121	68 - 125
N-Propylbenzene	50.0	51.9		ug/L		104	69 - 127
p-Isopropyltoluene	50.0	56.6		ug/L		113	70 - 125
sec-Butylbenzene	50.0	55.8		ug/L		112	70 - 123
Styrene	50.0	46.3		ug/L		93	70 - 120
tert-Butylbenzene	50.0	54.3		ug/L		109	70 - 121
1,1,1,2-Tetrachloroethane	50.0	47.0		ug/L		94	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.6		ug/L		81	62 - 140
Tetrachloroethene	50.0	49.9		ug/L		100	70 - 128
Toluene	50.0	50.2		ug/L		100	70 - 125
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 125
trans-1,3-Dichloropropene	50.0	36.4		ug/L		73	62 - 128
1,2,3-Trichlorobenzene	50.0	52.1		ug/L		104	51 - 145
1,2,4-Trichlorobenzene	50.0	49.8		ug/L		100	57 - 137
1,1,1-Trichloroethane	50.0	52.0		ug/L		104	70 - 125
1,1,2-Trichloroethane	50.0	45.3		ug/L		91	71 - 130
Trichloroethene	50.0	46.6		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	44.0		ug/L		88	55 - 128
1,2,3-Trichloropropane	50.0	39.9		ug/L		80	50 - 133
1,2,4-Trimethylbenzene	50.0	50.2		ug/L		100	70 - 123
1,3,5-Trimethylbenzene	50.0	51.4		ug/L		103	70 - 123
Vinyl chloride	50.0	49.8		ug/L		100	64 - 126
Xylenes, Total	100	110		ug/L		110	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	108		75 - 126
Toluene-d8 (Surr)	104		75 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-206977-33 MS

Matrix: Water

Analysis Batch: 625845

Client Sample ID: MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.15		50.0	48.2		ug/L		96	70 - 120
Bromobenzene	<0.36		50.0	38.2		ug/L		76	70 - 122
Bromochloromethane	<0.43		50.0	47.2		ug/L		94	65 - 122
Bromodichloromethane	<0.37		50.0	40.6		ug/L		81	69 - 120
Bromoform	<0.48		50.0	29.5		ug/L		59	56 - 132
Bromomethane	<0.80		50.0	56.3		ug/L		113	40 - 152
2-Butanone (MEK)	<2.1		50.0	39.4		ug/L		79	46 - 144
Carbon tetrachloride	<0.38		50.0	48.9		ug/L		98	59 - 133
Chlorobenzene	<0.39		50.0	46.9		ug/L		94	70 - 120
Chloroethane	<0.51		50.0	55.7		ug/L		111	48 - 136
Chloroform	<0.37		50.0	49.1		ug/L		98	70 - 120
Chloromethane	<0.32		50.0	45.5		ug/L		91	56 - 152
2-Chlorotoluene	<0.31		50.0	48.1		ug/L		96	70 - 125
4-Chlorotoluene	<0.35		50.0	47.3		ug/L		95	68 - 124
cis-1,2-Dichloroethene	180		50.0	223	E	ug/L		91	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	38.0		ug/L		76	64 - 127
Dibromochloromethane	<0.49		50.0	35.1		ug/L		70	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	32.8		ug/L		66	56 - 123
1,2-Dibromoethane	<0.39		50.0	40.0		ug/L		80	70 - 125
Dibromomethane	<0.27		50.0	45.8		ug/L		92	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	44.1		ug/L		88	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	44.3		ug/L		89	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	43.9		ug/L		88	70 - 120
Dichlorodifluoromethane	<0.67		50.0	64.5		ug/L		129	40 - 159
1,1-Dichloroethane	<0.41		50.0	48.5		ug/L		97	70 - 125
1,2-Dichloroethane	<0.39		50.0	51.1		ug/L		102	68 - 127
1,1-Dichloroethene	0.45	J	50.0	55.9		ug/L		111	67 - 122
1,2-Dichloropropane	<0.43		50.0	44.7		ug/L		89	67 - 130
1,3-Dichloropropane	<0.36		50.0	43.6		ug/L		87	62 - 136
2,2-Dichloropropane	<0.44		50.0	42.0		ug/L		84	58 - 139
1,1-Dichloropropene	<0.30		50.0	51.3		ug/L		103	70 - 121
Ethylbenzene	<0.18		50.0	51.8		ug/L		104	70 - 123
Hexachlorobutadiene	<0.45		50.0	55.2		ug/L		110	51 - 150
Isopropylbenzene	<0.39		50.0	51.1		ug/L		102	70 - 126
Methylene Chloride	<1.6		50.0	48.7		ug/L		97	69 - 125
Methyl tert-butyl ether	<0.39		50.0	36.3		ug/L		73	55 - 123
Naphthalene	<0.34		50.0	48.9		ug/L		98	53 - 144
n-Butylbenzene	<0.39		50.0	60.8		ug/L		122	68 - 125
N-Propylbenzene	<0.41		50.0	52.5		ug/L		105	69 - 127
p-Isopropyltoluene	<0.36		50.0	56.9		ug/L		114	70 - 125
sec-Butylbenzene	<0.40		50.0	55.9		ug/L		112	70 - 123
Styrene	<0.39		50.0	46.2		ug/L		92	70 - 120
tert-Butylbenzene	<0.40		50.0	54.2		ug/L		108	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	45.8		ug/L		92	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	39.0		ug/L		78	62 - 140
Tetrachloroethene	15		50.0	65.1		ug/L		101	70 - 128
Toluene	<0.15		50.0	50.1		ug/L		100	70 - 125
trans-1,2-Dichloroethene	3.9		50.0	53.5		ug/L		99	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-206977-33 MS

Matrix: Water

Analysis Batch: 625845

Client Sample ID: MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	<0.36		50.0	34.8		ug/L		70	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	49.9		ug/L		100	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	47.4		ug/L		95	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	53.3		ug/L		107	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	43.7		ug/L		87	71 - 130
Trichloroethene	17		50.0	61.4		ug/L		88	70 - 125
Trichlorofluoromethane	<0.43		50.0	48.3		ug/L		97	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	38.9		ug/L		78	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	49.5		ug/L		99	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	51.2		ug/L		102	70 - 123
Vinyl chloride	1.2		50.0	54.8		ug/L		107	64 - 126
Xylenes, Total	<0.22		100	110		ug/L		110	70 - 125

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	86		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	106		75 - 126
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: 500-206977-33 MSD

Matrix: Water

Analysis Batch: 625845

Client Sample ID: MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.15		50.0	49.8		ug/L		100	70 - 120	3	20
Bromobenzene	<0.36		50.0	39.8		ug/L		80	70 - 122	4	20
Bromochloromethane	<0.43		50.0	49.0		ug/L		98	65 - 122	4	20
Bromodichloromethane	<0.37		50.0	42.4		ug/L		85	69 - 120	4	20
Bromoform	<0.48		50.0	31.2		ug/L		62	56 - 132	6	20
Bromomethane	<0.80		50.0	53.9		ug/L		108	40 - 152	4	20
2-Butanone (MEK)	<2.1		50.0	37.1		ug/L		74	46 - 144	6	20
Carbon tetrachloride	<0.38		50.0	51.3		ug/L		103	59 - 133	5	20
Chlorobenzene	<0.39		50.0	49.1		ug/L		98	70 - 120	5	20
Chloroethane	<0.51		50.0	51.9		ug/L		104	48 - 136	7	20
Chloroform	<0.37		50.0	51.8		ug/L		104	70 - 120	5	20
Chloromethane	<0.32		50.0	43.6		ug/L		87	56 - 152	4	20
2-Chlorotoluene	<0.31		50.0	50.9		ug/L		102	70 - 125	6	20
4-Chlorotoluene	<0.35		50.0	49.4		ug/L		99	68 - 124	4	20
cis-1,2-Dichloroethene	180		50.0	226	E	ug/L		99	70 - 125	2	20
cis-1,3-Dichloropropene	<0.42		50.0	40.9		ug/L		82	64 - 127	7	20
Dibromochloromethane	<0.49		50.0	37.6		ug/L		75	68 - 125	7	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	34.6		ug/L		69	56 - 123	5	20
1,2-Dibromoethane	<0.39		50.0	42.3		ug/L		85	70 - 125	6	20
Dibromomethane	<0.27		50.0	48.4		ug/L		97	70 - 120	6	20
1,2-Dichlorobenzene	<0.33		50.0	46.5		ug/L		93	70 - 125	5	20
1,3-Dichlorobenzene	<0.40		50.0	46.8		ug/L		94	70 - 125	6	20
1,4-Dichlorobenzene	<0.36		50.0	46.1		ug/L		92	70 - 120	5	20
Dichlorodifluoromethane	<0.67		50.0	58.7		ug/L		117	40 - 159	9	20

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-206977-33 MSD

Matrix: Water

Analysis Batch: 625845

Client Sample ID: MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.41		50.0	50.1		ug/L		100	70 - 125	3	20
1,2-Dichloroethane	<0.39		50.0	52.6		ug/L		105	68 - 127	3	20
1,1-Dichloroethene	0.45	J	50.0	57.5		ug/L		114	67 - 122	3	20
1,2-Dichloropropane	<0.43		50.0	46.2		ug/L		92	67 - 130	3	20
1,3-Dichloropropane	<0.36		50.0	45.7		ug/L		91	62 - 136	5	20
2,2-Dichloropropane	<0.44		50.0	45.0		ug/L		90	58 - 139	7	20
1,1-Dichloropropene	<0.30		50.0	53.1		ug/L		106	70 - 121	3	20
Ethylbenzene	<0.18		50.0	53.7		ug/L		107	70 - 123	4	20
Hexachlorobutadiene	<0.45		50.0	57.2		ug/L		114	51 - 150	4	20
Isopropylbenzene	<0.39		50.0	53.7		ug/L		107	70 - 126	5	20
Methylene Chloride	<1.6		50.0	50.7		ug/L		101	69 - 125	4	20
Methyl tert-butyl ether	<0.39		50.0	37.6		ug/L		75	55 - 123	4	20
Naphthalene	<0.34		50.0	51.7		ug/L		103	53 - 144	6	20
n-Butylbenzene	<0.39		50.0	63.6	F1	ug/L		127	68 - 125	5	20
N-Propylbenzene	<0.41		50.0	54.9		ug/L		110	69 - 127	5	20
p-Isopropyltoluene	<0.36		50.0	59.4		ug/L		119	70 - 125	4	20
sec-Butylbenzene	<0.40		50.0	58.8		ug/L		118	70 - 123	5	20
Styrene	<0.39		50.0	47.6		ug/L		95	70 - 120	3	20
tert-Butylbenzene	<0.40		50.0	57.0		ug/L		114	70 - 121	5	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	48.7		ug/L		97	70 - 125	6	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	40.6		ug/L		81	62 - 140	4	20
Tetrachloroethene	15		50.0	67.6		ug/L		106	70 - 128	4	20
Toluene	<0.15		50.0	52.7		ug/L		105	70 - 125	5	20
trans-1,2-Dichloroethene	3.9		50.0	57.4		ug/L		107	70 - 125	7	20
trans-1,3-Dichloropropene	<0.36		50.0	36.9		ug/L		74	62 - 128	6	20
1,2,3-Trichlorobenzene	<0.46		50.0	52.5		ug/L		105	51 - 145	5	20
1,2,4-Trichlorobenzene	<0.34		50.0	50.7		ug/L		101	57 - 137	7	20
1,1,1-Trichloroethane	<0.38		50.0	54.6		ug/L		109	70 - 125	2	20
1,1,2-Trichloroethane	<0.35		50.0	45.7		ug/L		91	71 - 130	4	20
Trichloroethene	17		50.0	63.9		ug/L		93	70 - 125	4	20
Trichlorofluoromethane	<0.43		50.0	46.4		ug/L		93	55 - 128	4	20
1,2,3-Trichloropropane	<0.41		50.0	40.8		ug/L		82	50 - 133	5	20
1,2,4-Trimethylbenzene	<0.36		50.0	52.2		ug/L		104	70 - 123	5	20
1,3,5-Trimethylbenzene	<0.25		50.0	53.4		ug/L		107	70 - 123	4	20
Vinyl chloride	1.2		50.0	52.4		ug/L		102	64 - 126	4	20
Xylenes, Total	<0.22		100	115		ug/L		115	70 - 125	4	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	86		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	105		75 - 126
Toluene-d8 (Surr)	105		75 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-623952/1-A
Matrix: Water
Analysis Batch: 624520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 623952

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		10/18/21 06:31	10/20/21 14:52	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		10/18/21 06:31	10/20/21 14:52	1
Anthracene	<0.27		0.80	0.27	ug/L		10/18/21 06:31	10/20/21 14:52	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		10/18/21 06:31	10/20/21 14:52	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		10/18/21 06:31	10/20/21 14:52	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		10/18/21 06:31	10/20/21 14:52	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		10/18/21 06:31	10/20/21 14:52	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		10/18/21 06:31	10/20/21 14:52	1
Chrysene	<0.055		0.16	0.055	ug/L		10/18/21 06:31	10/20/21 14:52	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		10/18/21 06:31	10/20/21 14:52	1
Fluoranthene	<0.36		0.80	0.36	ug/L		10/18/21 06:31	10/20/21 14:52	1
Fluorene	<0.20		0.80	0.20	ug/L		10/18/21 06:31	10/20/21 14:52	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		10/18/21 06:31	10/20/21 14:52	1
Naphthalene	<0.25		0.80	0.25	ug/L		10/18/21 06:31	10/20/21 14:52	1
Phenanthrene	<0.24		0.80	0.24	ug/L		10/18/21 06:31	10/20/21 14:52	1
Pyrene	<0.34		0.80	0.34	ug/L		10/18/21 06:31	10/20/21 14:52	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		10/18/21 06:31	10/20/21 14:52	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		10/18/21 06:31	10/20/21 14:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		36 - 120	10/18/21 06:31	10/20/21 14:52	1
Terphenyl-d14 (Surr)	97		40 - 145	10/18/21 06:31	10/20/21 14:52	1
2-Fluorobiphenyl (Surr)	84		34 - 110	10/18/21 06:31	10/20/21 14:52	1

Lab Sample ID: LCS 500-623952/2-A
Matrix: Water
Analysis Batch: 624520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 623952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	32.0	25.5		ug/L		80	46 - 110
Acenaphthylene	32.0	25.3		ug/L		79	47 - 113
Anthracene	32.0	27.9		ug/L		87	67 - 118
Benzo[a]anthracene	32.0	25.9		ug/L		81	70 - 126
Benzo[a]pyrene	32.0	27.4		ug/L		86	70 - 135
Benzo[b]fluoranthene	32.0	27.4		ug/L		86	69 - 136
Benzo[g,h,i]perylene	32.0	28.6		ug/L		89	70 - 135
Benzo[k]fluoranthene	32.0	27.4		ug/L		86	70 - 133
Chrysene	32.0	27.1		ug/L		85	68 - 129
Dibenz(a,h)anthracene	32.0	29.1		ug/L		91	70 - 134
Fluoranthene	32.0	27.8		ug/L		87	68 - 126
Fluorene	32.0	26.8		ug/L		84	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	28.5		ug/L		89	65 - 133
Naphthalene	32.0	22.7		ug/L		71	36 - 110
Phenanthrene	32.0	27.3		ug/L		85	65 - 120
Pyrene	32.0	28.2		ug/L		88	70 - 126
1-Methylnaphthalene	32.0	22.3		ug/L		70	38 - 110
2-Methylnaphthalene	32.0	22.1		ug/L		69	34 - 110

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-623952/2-A
Matrix: Water
Analysis Batch: 624520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 623952

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	86		36 - 120
Terphenyl-d14 (Surr)	99		40 - 145
2-Fluorobiphenyl (Surr)	91		34 - 110

Lab Sample ID: LCSD 500-623952/3-A
Matrix: Water
Analysis Batch: 624520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 623952

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Acenaphthene	32.0	25.6		ug/L		80	46 - 110	0	20	
Acenaphthylene	32.0	25.1		ug/L		78	47 - 113	1	20	
Anthracene	32.0	26.7		ug/L		83	67 - 118	5	20	
Benzo[a]anthracene	32.0	24.7		ug/L		77	70 - 126	5	20	
Benzo[a]pyrene	32.0	26.7		ug/L		83	70 - 135	3	20	
Benzo[b]fluoranthene	32.0	27.3		ug/L		85	69 - 136	0	20	
Benzo[g,h,i]perylene	32.0	27.9		ug/L		87	70 - 135	3	20	
Benzo[k]fluoranthene	32.0	26.6		ug/L		83	70 - 133	3	20	
Chrysene	32.0	25.2		ug/L		79	68 - 129	7	20	
Dibenz(a,h)anthracene	32.0	28.6		ug/L		89	70 - 134	2	20	
Fluoranthene	32.0	26.9		ug/L		84	68 - 126	3	20	
Fluorene	32.0	26.0		ug/L		81	53 - 120	3	20	
Indeno[1,2,3-cd]pyrene	32.0	28.1		ug/L		88	65 - 133	1	20	
Naphthalene	32.0	22.3		ug/L		70	36 - 110	2	20	
Phenanthrene	32.0	26.9		ug/L		84	65 - 120	1	20	
Pyrene	32.0	26.9		ug/L		84	70 - 126	5	20	
1-Methylnaphthalene	32.0	22.5		ug/L		70	38 - 110	1	20	
2-Methylnaphthalene	32.0	21.8		ug/L		68	34 - 110	2	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	83		36 - 120
Terphenyl-d14 (Surr)	91		40 - 145
2-Fluorobiphenyl (Surr)	93		34 - 110

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-535204/1-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535204

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		10/19/21 04:55	10/19/21 21:56	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: MB 320-535204/1-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535204

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		10/19/21 04:55	10/19/21 21:56	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		10/19/21 04:55	10/19/21 21:56	1
NEtFOSA	<0.87		2.0	0.87	ng/L		10/19/21 04:55	10/19/21 21:56	1
NMeFOSA	<0.43		2.0	0.43	ng/L		10/19/21 04:55	10/19/21 21:56	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		10/19/21 04:55	10/19/21 21:56	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		10/19/21 04:55	10/19/21 21:56	1
NMeFOSE	<1.4		4.0	1.4	ng/L		10/19/21 04:55	10/19/21 21:56	1
NEtFOSE	<0.85		2.0	0.85	ng/L		10/19/21 04:55	10/19/21 21:56	1
4:2 FTS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/19/21 21:56	1
6:2 FTS	<2.5		5.0	2.5	ng/L		10/19/21 04:55	10/19/21 21:56	1
8:2 FTS	<0.46		2.0	0.46	ng/L		10/19/21 04:55	10/19/21 21:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/19/21 04:55	10/19/21 21:56	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		10/19/21 04:55	10/19/21 21:56	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		10/19/21 04:55	10/19/21 21:56	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		10/19/21 04:55	10/19/21 21:56	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	93		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C5 PFPeA	100		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 PFHxA	102		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C4 PFHpA	98		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C4 PFOA	98		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C5 PFNA	108		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 PFDA	104		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 PFUnA	102		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 PFDoA	99		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 PFTeDA	99		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C3 PFBS	100		25 - 150	10/19/21 04:55	10/19/21 21:56	1
18O2 PFHxS	94		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C4 PFOS	99		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C8 FOSA	90		10 - 150	10/19/21 04:55	10/19/21 21:56	1
d3-NMeFOSAA	93		25 - 150	10/19/21 04:55	10/19/21 21:56	1
d5-NEtFOSAA	99		25 - 150	10/19/21 04:55	10/19/21 21:56	1
d-N-MeFOSA-M	81		10 - 150	10/19/21 04:55	10/19/21 21:56	1
d-N-EtFOSA-M	80		10 - 150	10/19/21 04:55	10/19/21 21:56	1
d7-N-MeFOSE-M	88		10 - 150	10/19/21 04:55	10/19/21 21:56	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: MB 320-535204/1-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535204

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d9-N-EtFOSE-M	92		10 - 150	10/19/21 04:55	10/19/21 21:56	1
M2-4:2 FTS	115		25 - 150	10/19/21 04:55	10/19/21 21:56	1
M2-6:2 FTS	108		25 - 150	10/19/21 04:55	10/19/21 21:56	1
M2-8:2 FTS	119		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C3 HFPO-DA	96		25 - 150	10/19/21 04:55	10/19/21 21:56	1
13C2 10:2 FTS	117		25 - 150	10/19/21 04:55	10/19/21 21:56	1

Lab Sample ID: LCS 320-535204/2-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	40.0	38.3		ng/L		96	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	40.3		ng/L		101	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	39.5		ng/L		99	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	38.3		ng/L		96	60 - 135
Perfluorononanoic acid (PFNA)	40.0	37.7		ng/L		94	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	37.9		ng/L		95	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	36.1		ng/L		90	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	39.0		ng/L		98	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	40.0		ng/L		100	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	36.9		ng/L		92	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	32.2		ng/L		91	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	35.6		ng/L		95	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.0		ng/L		93	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	33.7		ng/L		89	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	33.0		ng/L		89	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	34.3		ng/L		89	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	34.0		ng/L		88	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	33.8		ng/L		87	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	39.8		ng/L		99	60 - 135
NEtFOSA	40.0	34.7		ng/L		87	60 - 135
NMeFOSA	40.0	39.9		ng/L		100	60 - 135
NMeFOSAA	40.0	36.2		ng/L		90	60 - 135
NEtFOSAA	40.0	38.5		ng/L		96	60 - 135
NMeFOSE	40.0	40.0		ng/L		100	60 - 135
NEtFOSE	40.0	38.3		ng/L		96	60 - 135
4:2 FTS	37.4	37.4		ng/L		100	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCS 320-535204/2-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
6:2 FTS	37.9	39.8		ng/L		105	60 - 135
8:2 FTS	38.3	36.0		ng/L		94	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	37.2		ng/L		99	60 - 135
HFPO-DA (GenX)	40.0	40.2		ng/L		100	60 - 135
9CI-PF3ONS	37.3	34.1		ng/L		91	60 - 135
11CI-PF3OUdS	37.7	34.6		ng/L		92	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	95		25 - 150
13C5 PFPeA	104		25 - 150
13C2 PFHxA	101		25 - 150
13C4 PFHpA	106		25 - 150
13C4 PFOA	107		25 - 150
13C5 PFNA	110		25 - 150
13C2 PFDA	105		25 - 150
13C2 PFUnA	108		25 - 150
13C2 PFDoA	105		25 - 150
13C2 PFTeDA	109		25 - 150
13C3 PFBS	99		25 - 150
18O2 PFHxS	94		25 - 150
13C4 PFOS	102		25 - 150
13C8 FOSA	92		10 - 150
d3-NMeFOSAA	98		25 - 150
d5-NEtFOSAA	107		25 - 150
d-N-MeFOSA-M	84		10 - 150
d-N-EtFOSA-M	87		10 - 150
d7-N-MeFOSE-M	95		10 - 150
d9-N-EtFOSE-M	101		10 - 150
M2-4:2 FTS	119		25 - 150
M2-6:2 FTS	110		25 - 150
M2-8:2 FTS	109		25 - 150
13C3 HFPO-DA	104		25 - 150
13C2 10:2 FTS	118		25 - 150

Lab Sample ID: LCSD 320-535204/3-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 535204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Perfluorobutanoic acid (PFBA)	40.0	38.3		ng/L		96	60 - 135	5	30
Perfluoropentanoic acid (PFPeA)	40.0	39.7		ng/L		99	60 - 135	3	30
Perfluorohexanoic acid (PFHxA)	40.0	40.2		ng/L		100	60 - 135	0	30
Perfluoroheptanoic acid (PFHpA)	40.0	42.6		ng/L		106	60 - 135	8	30
Perfluorooctanoic acid (PFOA)	40.0	40.3		ng/L		101	60 - 135	5	30
Perfluorononanoic acid (PFNA)	40.0	41.9		ng/L		105	60 - 135	10	30
Perfluorodecanoic acid (PFDA)	40.0	39.5		ng/L		99	60 - 135	4	30
Perfluoroundecanoic acid (PFUnA)	40.0	38.9		ng/L		97	60 - 135	7	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCSD 320-535204/3-A

Matrix: Water

Analysis Batch: 535532

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 535204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorododecanoic acid (PFDoA)	40.0	39.6		ng/L		99	60 - 135	1	30
Perfluorotridecanoic acid (PFTrDA)	40.0	40.3		ng/L		101	60 - 135	1	30
Perfluorotetradecanoic acid (PFTeA)	40.0	38.7		ng/L		97	60 - 135	5	30
Perfluorobutanesulfonic acid (PFBS)	35.4	34.7		ng/L		98	60 - 135	8	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	36.6		ng/L		98	60 - 135	3	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	33.9		ng/L		93	60 - 135	0	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	36.0		ng/L		95	60 - 135	7	30
Perfluorooctanesulfonic acid (PFOS)	37.1	34.7		ng/L		93	60 - 135	5	30
Perfluorononanesulfonic acid (PFNS)	38.4	36.6		ng/L		95	60 - 135	6	30
Perfluorodecanesulfonic acid (PFDS)	38.6	35.4		ng/L		92	60 - 135	4	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	34.9		ng/L		90	60 - 135	3	30
Perfluorooctanesulfonamide (FOSA)	40.0	40.3		ng/L		101	60 - 135	1	30
NEtFOSA	40.0	37.4		ng/L		93	60 - 135	8	30
NMeFOSA	40.0	40.7		ng/L		102	60 - 135	2	30
NMeFOSAA	40.0	37.9		ng/L		95	60 - 135	5	30
NEtFOSAA	40.0	40.9		ng/L		102	60 - 135	6	30
NMeFOSE	40.0	39.6		ng/L		99	60 - 135	1	30
NEtFOSE	40.0	38.7		ng/L		97	60 - 135	1	30
4:2 FTS	37.4	34.1		ng/L		91	60 - 135	9	30
6:2 FTS	37.9	39.2		ng/L		103	60 - 135	2	30
8:2 FTS	38.3	38.9		ng/L		101	60 - 135	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	38.7		ng/L		103	60 - 135	4	30
HFPO-DA (GenX)	40.0	39.5		ng/L		99	60 - 135	2	30
9Cl-PF3ONS	37.3	37.2		ng/L		100	60 - 135	9	30
11Cl-PF3OUdS	37.7	36.8		ng/L		98	60 - 135	6	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	92		25 - 150
13C5 PFPeA	92		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	94		25 - 150
13C5 PFNA	94		25 - 150
13C2 PFDA	96		25 - 150
13C2 PFUnA	96		25 - 150
13C2 PFDoA	91		25 - 150
13C2 PFTeDA	92		25 - 150
13C3 PFBS	89		25 - 150
18O2 PFHxS	89		25 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCSD 320-535204/3-A
Matrix: Water
Analysis Batch: 535532

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 535204

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C4 PFOS	90		25 - 150
13C8 FOSA	86		10 - 150
d3-NMeFOSAA	91		25 - 150
d5-NEtFOSAA	91		25 - 150
d-N-MeFOSA-M	75		10 - 150
d-N-EtFOSA-M	78		10 - 150
d7-N-MeFOSE-M	87		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	115		25 - 150
M2-6:2 FTS	109		25 - 150
M2-8:2 FTS	103		25 - 150
13C3 HFPO-DA	98		25 - 150
13C2 10:2 FTS	100		25 - 150

Lab Sample ID: MB 320-535207/1-A
Matrix: Water
Analysis Batch: 535535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535207

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		10/19/21 05:09	10/20/21 03:40	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		10/19/21 05:09	10/20/21 03:40	1
NEtFOSA	<0.87		2.0	0.87	ng/L		10/19/21 05:09	10/20/21 03:40	1
NMeFOSA	<0.43		2.0	0.43	ng/L		10/19/21 05:09	10/20/21 03:40	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		10/19/21 05:09	10/20/21 03:40	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		10/19/21 05:09	10/20/21 03:40	1
NMeFOSE	<1.4		4.0	1.4	ng/L		10/19/21 05:09	10/20/21 03:40	1
NEtFOSE	<0.85		2.0	0.85	ng/L		10/19/21 05:09	10/20/21 03:40	1
4:2 FTS	<0.24		2.0	0.24	ng/L		10/19/21 05:09	10/20/21 03:40	1
6:2 FTS	<2.5		5.0	2.5	ng/L		10/19/21 05:09	10/20/21 03:40	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: MB 320-535207/1-A
Matrix: Water
Analysis Batch: 535535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.46		2.0	0.46	ng/L		10/19/21 05:09	10/20/21 03:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/19/21 05:09	10/20/21 03:40	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		10/19/21 05:09	10/20/21 03:40	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		10/19/21 05:09	10/20/21 03:40	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		10/19/21 05:09	10/20/21 03:40	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	95		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C5 PFPeA	106		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 PFHxA	99		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C4 PFHpA	99		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C4 PFOA	102		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C5 PFNA	104		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 PFDA	105		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 PFUnA	105		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 PFDoA	99		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 PFTeDA	104		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C3 PFBS	98		25 - 150	10/19/21 05:09	10/20/21 03:40	1
18O2 PFHxS	97		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C4 PFOS	102		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C8 FOSA	96		10 - 150	10/19/21 05:09	10/20/21 03:40	1
d3-NMeFOSAA	98		25 - 150	10/19/21 05:09	10/20/21 03:40	1
d5-NEtFOSAA	105		25 - 150	10/19/21 05:09	10/20/21 03:40	1
d-N-MeFOSA-M	79		10 - 150	10/19/21 05:09	10/20/21 03:40	1
d-N-EtFOSA-M	84		10 - 150	10/19/21 05:09	10/20/21 03:40	1
d7-N-MeFOSE-M	92		10 - 150	10/19/21 05:09	10/20/21 03:40	1
d9-N-EtFOSE-M	96		10 - 150	10/19/21 05:09	10/20/21 03:40	1
M2-4:2 FTS	129		25 - 150	10/19/21 05:09	10/20/21 03:40	1
M2-6:2 FTS	114		25 - 150	10/19/21 05:09	10/20/21 03:40	1
M2-8:2 FTS	122		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C3 HFPO-DA	99		25 - 150	10/19/21 05:09	10/20/21 03:40	1
13C2 10:2 FTS	111		25 - 150	10/19/21 05:09	10/20/21 03:40	1

Lab Sample ID: LCS 320-535207/2-A
Matrix: Water
Analysis Batch: 535535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	39.5		ng/L		99	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	36.3		ng/L		91	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	40.9		ng/L		102	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	39.8		ng/L		99	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	37.7		ng/L		94	60 - 135
Perfluorononanoic acid (PFNA)	40.0	39.1		ng/L		98	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	39.6		ng/L		99	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	39.0		ng/L		98	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	38.8		ng/L		97	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCS 320-535207/2-A
Matrix: Water
Analysis Batch: 535535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotridecanoic acid (PFTTrDA)	40.0	39.7		ng/L		99	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	37.8		ng/L		94	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	33.3		ng/L		94	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	35.7		ng/L		95	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	33.5		ng/L		92	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	35.4		ng/L		93	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	33.4		ng/L		90	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	35.6		ng/L		93	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	36.4		ng/L		94	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	34.0		ng/L		88	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	39.3		ng/L		98	60 - 135
NEtFOSA	40.0	35.4		ng/L		88	60 - 135
NMeFOSA	40.0	40.8		ng/L		102	60 - 135
NMeFOSAA	40.0	37.9		ng/L		95	60 - 135
NEtFOSAA	40.0	36.6		ng/L		92	60 - 135
NMeFOSE	40.0	37.4		ng/L		93	60 - 135
NEtFOSE	40.0	37.1		ng/L		93	60 - 135
4:2 FTS	37.4	34.0		ng/L		91	60 - 135
6:2 FTS	37.9	35.7		ng/L		94	60 - 135
8:2 FTS	38.3	36.0		ng/L		94	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	37.9		ng/L		101	60 - 135
HFPO-DA (GenX)	40.0	39.6		ng/L		99	60 - 135
9CI-PF3ONS	37.3	34.5		ng/L		93	60 - 135
11CI-PF3OUdS	37.7	35.7		ng/L		95	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	100		25 - 150
13C5 PFPeA	106		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	107		25 - 150
13C4 PFOA	106		25 - 150
13C5 PFNA	107		25 - 150
13C2 PFDA	107		25 - 150
13C2 PFUnA	107		25 - 150
13C2 PFDoA	106		25 - 150
13C2 PFTeDA	106		25 - 150
13C3 PFBS	100		25 - 150
18O2 PFHxS	103		25 - 150
13C4 PFOS	105		25 - 150
13C8 FOSA	99		10 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCS 320-535207/2-A
Matrix: Water
Analysis Batch: 535535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535207

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
d3-NMeFOSAA	104		25 - 150
d5-NEtFOSAA	109		25 - 150
d-N-MeFOSA-M	86		10 - 150
d-N-EtFOSA-M	86		10 - 150
d7-N-MeFOSE-M	96		10 - 150
d9-N-EtFOSE-M	99		10 - 150
M2-4:2 FTS	131		25 - 150
M2-6:2 FTS	126		25 - 150
M2-8:2 FTS	124		25 - 150
13C3 HFPO-DA	105		25 - 150
13C2 10:2 FTS	120		25 - 150

Lab Sample ID: 500-206977-33 MS
Matrix: Water
Analysis Batch: 535535

Client Sample ID: MW-8
Prep Type: Total/NA
Prep Batch: 535207

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<2.2		36.9	37.9		ng/L		103	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.46		36.9	35.1		ng/L		95	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.54		36.9	34.7		ng/L		94	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.23		36.9	37.7		ng/L		102	70 - 130
Perfluorooctanoic acid (PFOA)	2.3		36.9	37.1		ng/L		94	70 - 130
Perfluorononanoic acid (PFNA)	<0.25		36.9	36.9		ng/L		100	70 - 130
Perfluorodecanoic acid (PFDA)	<0.29		36.9	36.9		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	<1.0		36.9	37.8		ng/L		102	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.51		36.9	37.0		ng/L		100	70 - 130
Perfluorotridecanoic acid (PFTrDA)	<1.2		36.9	38.0		ng/L		103	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.68		36.9	34.7		ng/L		94	70 - 130
Perfluorobutanesulfonic acid (PFBS)	1.0	J	32.6	32.7		ng/L		97	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.28		34.6	32.9		ng/L		95	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	4.9		33.6	35.9		ng/L		92	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		35.1	33.2		ng/L		94	70 - 130
Perfluorooctanesulfonic acid (PFOS)	1.5	J	34.3	34.0		ng/L		95	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.35		35.4	33.3		ng/L		94	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.30		35.6	31.6		ng/L		89	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.90		35.7	28.6		ng/L		80	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.91		36.9	37.3		ng/L		101	70 - 130
NEtFOSA	<0.81		36.9	33.6		ng/L		91	70 - 130
NMeFOSA	<0.40		36.9	40.0		ng/L		108	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: 500-206977-33 MS

Matrix: Water

Analysis Batch: 535535

Client Sample ID: MW-8

Prep Type: Total/NA

Prep Batch: 535207

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
NMeFOSAA	<1.1		36.9	33.3		ng/L		90		70 - 130
NEtFOSAA	<1.2		36.9	39.3		ng/L		106		70 - 130
NMeFOSE	<1.3		36.9	35.3		ng/L		96		70 - 130
NEtFOSE	<0.79		36.9	34.9		ng/L		95		70 - 130
4:2 FTS	<0.22		34.5	35.9		ng/L		104		70 - 130
6:2 FTS	<2.3		35.0	36.0		ng/L		103		70 - 130
8:2 FTS	<0.43		35.4	33.5		ng/L		95		70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		34.8	37.4		ng/L		108		70 - 130
HFPO-DA (GenX)	<1.4		36.9	37.5		ng/L		102		70 - 130
9Cl-PF3ONS	<0.22		34.4	34.0		ng/L		99		70 - 130
11Cl-PF3OUdS	<0.30		34.8	31.7		ng/L		91		70 - 130

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C4 PFBA	93		25 - 150
13C5 PFPeA	106		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	96		25 - 150
13C4 PFOA	102		25 - 150
13C5 PFNA	103		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	96		25 - 150
13C2 PFDaA	93		25 - 150
13C2 PFTeDA	95		25 - 150
13C3 PFBS	93		25 - 150
18O2 PFHxS	90		25 - 150
13C4 PFOS	92		25 - 150
13C8 FOSA	90		10 - 150
d3-NMeFOSAA	93		25 - 150
d5-NEtFOSAA	91		25 - 150
d-N-MeFOSA-M	81		10 - 150
d-N-EtFOSA-M	76		10 - 150
d7-N-MeFOSE-M	87		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	114		25 - 150
M2-6:2 FTS	109		25 - 150
M2-8:2 FTS	111		25 - 150
13C3 HFPO-DA	98		25 - 150
13C2 10:2 FTS	105		25 - 150

Lab Sample ID: 500-206977-33 MSD

Matrix: Water

Analysis Batch: 535535

Client Sample ID: MW-8

Prep Type: Total/NA

Prep Batch: 535207

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.2		38.2	38.0		ng/L		99		70 - 130	0	30
Perfluoropentanoic acid (PFPeA)	<0.46		38.2	34.7		ng/L		91		70 - 130	1	30
Perfluorohexanoic acid (PFHxA)	<0.54		38.2	36.9		ng/L		96		70 - 130	6	30
Perfluoroheptanoic acid (PFHpA)	<0.23		38.2	40.4		ng/L		106		70 - 130	7	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: 500-206977-33 MSD
Matrix: Water
Analysis Batch: 535535

Client Sample ID: MW-8
Prep Type: Total/NA
Prep Batch: 535207

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	2.3		38.2	38.5		ng/L		95	70 - 130	4	30
Perfluorononanoic acid (PFNA)	<0.25		38.2	38.4		ng/L		100	70 - 130	4	30
Perfluorodecanoic acid (PFDA)	<0.29		38.2	35.4		ng/L		93	70 - 130	4	30
Perfluoroundecanoic acid (PFUnA)	<1.0		38.2	37.1		ng/L		97	70 - 130	2	30
Perfluorododecanoic acid (PFDoA)	<0.51		38.2	36.5		ng/L		95	70 - 130	1	30
Perfluorotridecanoic acid (PFTrDA)	<1.2		38.2	40.6		ng/L		106	70 - 130	7	30
Perfluorotetradecanoic acid (PFTeA)	<0.68		38.2	36.8		ng/L		96	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	1.0	J	33.8	32.1		ng/L		92	70 - 130	2	30
Perfluoropentanesulfonic acid (PFPeS)	<0.28		35.9	34.1		ng/L		95	70 - 130	4	30
Perfluorohexanesulfonic acid (PFHxS)	4.9		34.8	36.1		ng/L		90	70 - 130	1	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		36.4	33.6		ng/L		92	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	1.5	J	35.5	33.6		ng/L		90	70 - 130	1	30
Perfluorononanesulfonic acid (PFNS)	<0.35		36.7	32.0		ng/L		87	70 - 130	4	30
Perfluorodecanesulfonic acid (PFDS)	<0.30		36.9	33.3		ng/L		90	70 - 130	5	30
Perfluorododecanesulfonic acid (PFDoS)	<0.90		37.0	27.9		ng/L		75	70 - 130	2	30
Perfluorooctanesulfonamide (FOSA)	<0.91		38.2	37.5		ng/L		98	70 - 130	0	30
NEtFOSA	<0.81		38.2	35.3		ng/L		92	70 - 130	5	30
NMeFOSA	<0.40		38.2	37.5		ng/L		98	70 - 130	6	30
NMeFOSAA	<1.1		38.2	38.3		ng/L		100	70 - 130	14	30
NEtFOSAA	<1.2		38.2	38.1		ng/L		100	70 - 130	3	30
NMeFOSE	<1.3		38.2	37.3		ng/L		97	70 - 130	5	30
NEtFOSE	<0.79		38.2	37.2		ng/L		97	70 - 130	6	30
4:2 FTS	<0.22		35.7	34.2		ng/L		96	70 - 130	5	30
6:2 FTS	<2.3		36.3	35.3		ng/L		97	70 - 130	2	30
8:2 FTS	<0.43		36.6	33.9		ng/L		93	70 - 130	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		36.0	37.9		ng/L		105	70 - 130	1	30
HFPO-DA (GenX)	<1.4		38.2	40.8		ng/L		107	70 - 130	9	30
9Cl-PF3ONS	<0.22		35.6	33.4		ng/L		94	70 - 130	2	30
11Cl-PF3OUdS	<0.30		36.0	32.2		ng/L		89	70 - 130	2	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	89		25 - 150
13C5 PFPeA	101		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	94		25 - 150
13C4 PFOA	101		25 - 150
13C5 PFNA	101		25 - 150
13C2 PFDA	96		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: 500-206977-33 MSD
Matrix: Water
Analysis Batch: 535535

Client Sample ID: MW-8
Prep Type: Total/NA
Prep Batch: 535207

Isotope Dilution	MSD		Limits
	%Recovery	Qualifier	
13C2 PFUnA	97		25 - 150
13C2 PFDoA	90		25 - 150
13C2 PFTeDA	93		25 - 150
13C3 PFBS	94		25 - 150
18O2 PFHxS	93		25 - 150
13C4 PFOS	97		25 - 150
13C8 FOSA	90		10 - 150
d3-NMeFOSAA	86		25 - 150
d5-NEtFOSAA	85		25 - 150
d-N-MeFOSA-M	84		10 - 150
d-N-EtFOSA-M	83		10 - 150
d7-N-MeFOSE-M	86		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	113		25 - 150
M2-6:2 FTS	108		25 - 150
M2-8:2 FTS	111		25 - 150
13C3 HFPO-DA	98		25 - 150
13C2 10:2 FTS	96		25 - 150

Lab Sample ID: MB 320-535545/1-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535545

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		10/19/21 19:05	10/20/21 12:23	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		10/19/21 19:05	10/20/21 12:23	1
NEtFOSA	<0.87		2.0	0.87	ng/L		10/19/21 19:05	10/20/21 12:23	1
NMeFOSA	<0.43		2.0	0.43	ng/L		10/19/21 19:05	10/20/21 12:23	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		10/19/21 19:05	10/20/21 12:23	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: MB 320-535545/1-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 535545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	<1.3		5.0	1.3	ng/L		10/19/21 19:05	10/20/21 12:23	1
NMeFOSE	<1.4		4.0	1.4	ng/L		10/19/21 19:05	10/20/21 12:23	1
NEtFOSE	<0.85		2.0	0.85	ng/L		10/19/21 19:05	10/20/21 12:23	1
4:2 FTS	<0.24		2.0	0.24	ng/L		10/19/21 19:05	10/20/21 12:23	1
6:2 FTS	<2.5		5.0	2.5	ng/L		10/19/21 19:05	10/20/21 12:23	1
8:2 FTS	<0.46		2.0	0.46	ng/L		10/19/21 19:05	10/20/21 12:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		10/19/21 19:05	10/20/21 12:23	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		10/19/21 19:05	10/20/21 12:23	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		10/19/21 19:05	10/20/21 12:23	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		10/19/21 19:05	10/20/21 12:23	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C5 PFPeA	98		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 PFHxA	124		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C4 PFHpA	111		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C4 PFOA	96		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C5 PFNA	103		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 PFDA	110		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 PFUnA	113		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 PFDoA	93		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 PFTeDA	88		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C3 PFBS	109		25 - 150	10/19/21 19:05	10/20/21 12:23	1
18O2 PFHxS	91		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C4 PFOS	91		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C8 FOSA	97		10 - 150	10/19/21 19:05	10/20/21 12:23	1
d3-NMeFOSAA	87		25 - 150	10/19/21 19:05	10/20/21 12:23	1
d5-NEtFOSAA	85		25 - 150	10/19/21 19:05	10/20/21 12:23	1
d-N-MeFOSA-M	83		10 - 150	10/19/21 19:05	10/20/21 12:23	1
d-N-EtFOSA-M	87		10 - 150	10/19/21 19:05	10/20/21 12:23	1
d7-N-MeFOSE-M	76		10 - 150	10/19/21 19:05	10/20/21 12:23	1
d9-N-EtFOSE-M	76		10 - 150	10/19/21 19:05	10/20/21 12:23	1
M2-4:2 FTS	141		25 - 150	10/19/21 19:05	10/20/21 12:23	1
M2-6:2 FTS	92		25 - 150	10/19/21 19:05	10/20/21 12:23	1
M2-8:2 FTS	106		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C3 HFPO-DA	129		25 - 150	10/19/21 19:05	10/20/21 12:23	1
13C2 10:2 FTS	104		25 - 150	10/19/21 19:05	10/20/21 12:23	1

Lab Sample ID: LCS 320-535545/2-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	38.2		ng/L		95	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	40.3		ng/L		101	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	40.4		ng/L		101	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	40.3		ng/L		101	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	39.1		ng/L		98	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCS 320-535545/2-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorononanoic acid (PFNA)	40.0	40.3		ng/L		101	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	39.8		ng/L		99	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	38.0		ng/L		95	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	38.5		ng/L		96	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	36.6		ng/L		92	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	39.5		ng/L		99	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	34.8		ng/L		98	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	41.3		ng/L		110	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	35.0		ng/L		96	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	33.6		ng/L		88	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	38.4		ng/L		103	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	40.9		ng/L		107	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	36.0		ng/L		93	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	36.0		ng/L		93	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	36.9		ng/L		92	60 - 135
NEtFOSA	40.0	39.3		ng/L		98	60 - 135
NMeFOSA	40.0	39.9		ng/L		100	60 - 135
NMeFOSAA	40.0	40.9		ng/L		102	60 - 135
NEtFOSAA	40.0	34.6		ng/L		86	60 - 135
NMeFOSE	40.0	44.5		ng/L		111	60 - 135
NEtFOSE	40.0	41.4		ng/L		103	60 - 135
4:2 FTS	37.4	42.7		ng/L		114	60 - 135
6:2 FTS	37.9	39.4		ng/L		104	60 - 135
8:2 FTS	38.3	38.8		ng/L		101	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	34.9		ng/L		93	60 - 135
HFPO-DA (GenX)	40.0	39.1		ng/L		98	60 - 135
9Cl-PF3ONS	37.3	41.0		ng/L		110	60 - 135
11Cl-PF3OUdS	37.7	38.2		ng/L		101	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	91		25 - 150
13C5 PFPeA	93		25 - 150
13C2 PFHxA	102		25 - 150
13C4 PFHpA	94		25 - 150
13C4 PFOA	94		25 - 150
13C5 PFNA	88		25 - 150
13C2 PFDA	105		25 - 150
13C2 PFUnA	104		25 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCS 320-535545/2-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 535545

<i>Isotope Dilution</i>	<i>LCS</i>	<i>LCS</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C2 PFDoA	96		25 - 150
13C2 PFTeDA	82		25 - 150
13C3 PFBS	100		25 - 150
18O2 PFHxS	84		25 - 150
13C4 PFOS	92		25 - 150
13C8 FOSA	88		10 - 150
d3-NMeFOSAA	87		25 - 150
d5-NEtFOSAA	90		25 - 150
d-N-MeFOSA-M	87		10 - 150
d-N-EtFOSA-M	81		10 - 150
d7-N-MeFOSE-M	70		10 - 150
d9-N-EtFOSE-M	68		10 - 150
M2-4:2 FTS	104		25 - 150
M2-6:2 FTS	89		25 - 150
M2-8:2 FTS	98		25 - 150
13C3 HFPO-DA	108		25 - 150
13C2 10:2 FTS	101		25 - 150

Lab Sample ID: LCSD 320-535545/3-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 535545

<i>Analyte</i>	<i>Spike</i>	<i>LCSD</i>	<i>LCSD</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>	<i>RPD</i>	<i>RPD</i>	<i>Limit</i>
	<i>Added</i>	<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>			
Perfluorobutanoic acid (PFBA)	40.0	39.9		ng/L		100	60 - 135	5	30	
Perfluoropentanoic acid (PFPeA)	40.0	37.1		ng/L		93	60 - 135	8	30	
Perfluorohexanoic acid (PFHxA)	40.0	36.1		ng/L		90	60 - 135	11	30	
Perfluoroheptanoic acid (PFHpA)	40.0	39.8		ng/L		100	60 - 135	1	30	
Perfluorooctanoic acid (PFOA)	40.0	38.2		ng/L		95	60 - 135	2	30	
Perfluorononanoic acid (PFNA)	40.0	39.1		ng/L		98	60 - 135	3	30	
Perfluorodecanoic acid (PFDA)	40.0	40.3		ng/L		101	60 - 135	1	30	
Perfluoroundecanoic acid (PFUnA)	40.0	37.4		ng/L		93	60 - 135	2	30	
Perfluorododecanoic acid (PFDoA)	40.0	39.9		ng/L		100	60 - 135	4	30	
Perfluorotridecanoic acid (PFTTrDA)	40.0	39.9		ng/L		100	60 - 135	9	30	
Perfluorotetradecanoic acid (PFTeA)	40.0	37.6		ng/L		94	60 - 135	5	30	
Perfluorobutanesulfonic acid (PFBS)	35.4	32.2		ng/L		91	60 - 135	8	30	
Perfluoropentanesulfonic acid (PFPeS)	37.5	38.4		ng/L		102	60 - 135	7	30	
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.0		ng/L		94	60 - 135	3	30	
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	36.7		ng/L		96	60 - 135	9	30	
Perfluorooctanesulfonic acid (PFOS)	37.1	38.2		ng/L		103	60 - 135	1	30	
Perfluorononanesulfonic acid (PFNS)	38.4	40.4		ng/L		105	60 - 135	1	30	
Perfluorodecanesulfonic acid (PFDS)	38.6	37.8		ng/L		98	60 - 135	5	30	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Lab Sample ID: LCSD 320-535545/3-A
Matrix: Water
Analysis Batch: 535649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 535545

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorododecanesulfonic acid (PFDoS)	38.7	36.1		ng/L		93	60 - 135	0	30
Perfluorooctanesulfonamide (FOSA)	40.0	34.4		ng/L		86	60 - 135	7	30
NEtFOSA	40.0	43.5		ng/L		109	60 - 135	10	30
NMeFOSA	40.0	38.8		ng/L		97	60 - 135	3	30
NMeFOSAA	40.0	41.3		ng/L		103	60 - 135	1	30
NEtFOSAA	40.0	37.2		ng/L		93	60 - 135	7	30
NMeFOSE	40.0	44.9		ng/L		112	60 - 135	1	30
NEtFOSE	40.0	41.1		ng/L		103	60 - 135	1	30
4:2 FTS	37.4	44.2		ng/L		118	60 - 135	4	30
6:2 FTS	37.9	37.6		ng/L		99	60 - 135	5	30
8:2 FTS	38.3	35.1		ng/L		92	60 - 135	10	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	35.5		ng/L		94	60 - 135	2	30
HFPO-DA (GenX)	40.0	39.6		ng/L		99	60 - 135	1	30
9CI-PF3ONS	37.3	42.0		ng/L		113	60 - 135	2	30
11CI-PF3OUdS	37.7	39.8		ng/L		106	60 - 135	4	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	93		25 - 150
13C5 PFPeA	94		25 - 150
13C2 PFHxA	117		25 - 150
13C4 PFHpA	98		25 - 150
13C4 PFOA	91		25 - 150
13C5 PFNA	85		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	100		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	83		25 - 150
13C3 PFBS	102		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	88		25 - 150
13C8 FOSA	91		10 - 150
d3-NMeFOSAA	85		25 - 150
d5-NEtFOSAA	84		25 - 150
d-N-MeFOSA-M	72		10 - 150
d-N-EtFOSA-M	68		10 - 150
d7-N-MeFOSE-M	70		10 - 150
d9-N-EtFOSE-M	68		10 - 150
M2-4:2 FTS	102		25 - 150
M2-6:2 FTS	85		25 - 150
M2-8:2 FTS	101		25 - 150
13C3 HFPO-DA	106		25 - 150
13C2 10:2 FTS	91		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-624719/1-A
Matrix: Water
Analysis Batch: 624927

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 624719

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.23		1.0	0.23	ug/L		10/21/21 09:54	10/21/21 17:50	1
Barium	<0.73		2.5	0.73	ug/L		10/21/21 09:54	10/21/21 17:50	1
Cadmium	<0.17		0.50	0.17	ug/L		10/21/21 09:54	10/21/21 17:50	1
Chromium	<1.1		5.0	1.1	ug/L		10/21/21 09:54	10/21/21 17:50	1
Lead	<0.19		0.50	0.19	ug/L		10/21/21 09:54	10/21/21 17:50	1
Selenium	<0.98		2.5	0.98	ug/L		10/21/21 09:54	10/21/21 17:50	1
Silver	<0.12		0.50	0.12	ug/L		10/21/21 09:54	10/21/21 17:50	1

Lab Sample ID: LCS 500-624719/2-A
Matrix: Water
Analysis Batch: 624927

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 624719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	500	527		ug/L		105	80 - 120
Cadmium	50.0	50.6		ug/L		101	80 - 120
Chromium	200	208		ug/L		104	80 - 120
Lead	100	105		ug/L		105	80 - 120
Selenium	100	102		ug/L		102	80 - 120
Silver	50.0	52.7		ug/L		105	80 - 120

Lab Sample ID: MB 500-624930/1-A
Matrix: Water
Analysis Batch: 625440

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 624930

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.23		1.0	0.23	ug/L		10/22/21 09:55	10/25/21 15:44	1
Barium	<0.73		2.5	0.73	ug/L		10/22/21 09:55	10/25/21 15:44	1
Cadmium	<0.17		0.50	0.17	ug/L		10/22/21 09:55	10/25/21 15:44	1
Chromium	<1.1		5.0	1.1	ug/L		10/22/21 09:55	10/25/21 15:44	1
Lead	<0.19		0.50	0.19	ug/L		10/22/21 09:55	10/25/21 15:44	1
Selenium	<0.98		2.5	0.98	ug/L		10/22/21 09:55	10/25/21 15:44	1
Silver	<0.12		0.50	0.12	ug/L		10/22/21 09:55	10/25/21 15:44	1

Lab Sample ID: LCS 500-624930/2-A
Matrix: Water
Analysis Batch: 625440

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 624930

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	500	493		ug/L		99	80 - 120
Cadmium	50.0	50.9		ug/L		102	80 - 120
Chromium	200	210		ug/L		105	80 - 120
Lead	100	101		ug/L		101	80 - 120
Selenium	100	107		ug/L		107	80 - 120
Silver	50.0	52.8		ug/L		106	80 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-206977-1 MS
Matrix: Water
Analysis Batch: 624927

Client Sample ID: B-5
Prep Type: Dissolved
Prep Batch: 624719

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
Arsenic	0.51	J	100	104		ug/L		103	75 - 125	
Barium	73		500	591		ug/L		104	75 - 125	
Cadmium	<0.17		50.0	50.1		ug/L		100	75 - 125	
Chromium	<1.1		200	203		ug/L		102	75 - 125	
Lead	<0.19		100	106		ug/L		106	75 - 125	
Selenium	<0.98		100	103		ug/L		103	75 - 125	
Silver	<0.12		50.0	52.4		ug/L		105	75 - 125	

Lab Sample ID: 500-206977-1 MSD
Matrix: Water
Analysis Batch: 624927

Client Sample ID: B-5
Prep Type: Dissolved
Prep Batch: 624719

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Arsenic	0.51	J	100	102		ug/L		101	75 - 125	2	20
Barium	73		500	582		ug/L		102	75 - 125	2	20
Cadmium	<0.17		50.0	49.7		ug/L		99	75 - 125	1	20
Chromium	<1.1		200	198		ug/L		99	75 - 125	3	20
Lead	<0.19		100	103		ug/L		103	75 - 125	2	20
Selenium	<0.98		100	102		ug/L		102	75 - 125	2	20
Silver	<0.12		50.0	51.7		ug/L		103	75 - 125	1	20

Lab Sample ID: 500-206977-1 DU
Matrix: Water
Analysis Batch: 624927

Client Sample ID: B-5
Prep Type: Dissolved
Prep Batch: 624719

Analyte	Sample	Sample	DU		Unit	D	%Rec	RPD	
	Result	Qualifier	Result	Qualifier				RPD	Limit
Arsenic	0.51	J	0.581	J	ug/L			13	20
Barium	73		74.6		ug/L			2	20
Cadmium	<0.17		<0.17		ug/L			NC	20
Chromium	<1.1		<1.1		ug/L			NC	20
Lead	<0.19		<0.19		ug/L			NC	20
Selenium	<0.98		<0.98		ug/L			NC	20
Silver	<0.12		<0.12		ug/L			NC	20

Lab Sample ID: 500-206977-33 MS
Matrix: Water
Analysis Batch: 625440

Client Sample ID: MW-8
Prep Type: Dissolved
Prep Batch: 624930

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
Arsenic	1.1		100	103		ug/L		102	75 - 125	

Lab Sample ID: 500-206977-33 MSD
Matrix: Water
Analysis Batch: 625440

Client Sample ID: MW-8
Prep Type: Dissolved
Prep Batch: 624930

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Barium	110		500	615		ug/L		101	75 - 125	3	20
Cadmium	<0.17		50.0	50.6		ug/L		101	75 - 125	0	20
Chromium	<1.1		200	212		ug/L		106	75 - 125	3	20

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-206977-33 MSD
Matrix: Water
Analysis Batch: 625440

Client Sample ID: MW-8
Prep Type: Dissolved
Prep Batch: 624930

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	<0.19		100	104		ug/L		104	75 - 125	1	20
Selenium	<0.98		100	105		ug/L		105	75 - 125	3	20
Silver	<0.12		50.0	50.3		ug/L		101	75 - 125	1	20

Lab Sample ID: 500-206977-33 DU
Matrix: Water
Analysis Batch: 625440

Client Sample ID: MW-8
Prep Type: Dissolved
Prep Batch: 624930

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.1		1.19		ug/L		12	20
Barium	110		106		ug/L		2	20
Cadmium	<0.17		<0.17		ug/L		NC	20
Chromium	<1.1		<1.1		ug/L		NC	20
Lead	<0.19		<0.19		ug/L		NC	20
Selenium	<0.98		<0.98		ug/L		NC	20
Silver	<0.12		<0.12		ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-624941/12-A
Matrix: Water
Analysis Batch: 625242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 624941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		10/22/21 10:25	10/25/21 07:43	1

Lab Sample ID: LCS 500-624941/13-A
Matrix: Water
Analysis Batch: 625242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 624941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	1.82		ug/L		91	80 - 120

Lab Sample ID: MB 500-625237/12-A
Matrix: Water
Analysis Batch: 625457

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.098		0.20	0.098	ug/L		10/25/21 10:05	10/26/21 07:10	1

Lab Sample ID: LCS 500-625237/13-A
Matrix: Water
Analysis Batch: 625457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	1.88		ug/L		94	80 - 120

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 500-206977-28 MS
Matrix: Water
Analysis Batch: 625457

Client Sample ID: EB-02
Prep Type: Dissolved
Prep Batch: 625237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.098		1.00	0.977		ug/L		98	75 - 125

Lab Sample ID: 500-206977-28 MSD
Matrix: Water
Analysis Batch: 625457

Client Sample ID: EB-02
Prep Type: Dissolved
Prep Batch: 625237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.098		1.00	0.990		ug/L		99	75 - 125	1	20

Lab Sample ID: 500-206977-28 DU
Matrix: Water
Analysis Batch: 625457

Client Sample ID: EB-02
Prep Type: Dissolved
Prep Batch: 625237

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	<0.098		<0.098		ug/L		NC	20

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5

Lab Sample ID: 500-206977-1

Date Collected: 10/13/21 10:01

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 12:18	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 22:27	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 17:57	FXG	TAL CHI

Client Sample ID: B-6

Lab Sample ID: 500-206977-2

Date Collected: 10/13/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 12:47	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 22:37	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:14	FXG	TAL CHI

Client Sample ID: B-11

Lab Sample ID: 500-206977-3

Date Collected: 10/13/21 11:31

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 03:26	JDD	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 22:47	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:18	FXG	TAL CHI

Client Sample ID: MW-11

Lab Sample ID: 500-206977-4

Date Collected: 10/13/21 13:18

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 03:48	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 17:15	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 22:57	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:21	FXG	TAL CHI
Dissolved	Prep	7470A			624941	10/22/21 10:25	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625242	10/25/21 08:34	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-12

Lab Sample ID: 500-206977-5

Date Collected: 10/13/21 14:07

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 04:10	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 17:39	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 23:07	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:32	FXG	TAL CHI
Dissolved	Prep	7470A			624941	10/22/21 10:25	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625242	10/25/21 08:36	MJG	TAL CHI

Client Sample ID: PZ-12

Lab Sample ID: 500-206977-6

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 04:32	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 18:03	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 23:17	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:35	FXG	TAL CHI
Dissolved	Prep	7470A			624941	10/22/21 10:25	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625242	10/25/21 08:39	MJG	TAL CHI

Client Sample ID: PZ-12 DUP

Lab Sample ID: 500-206977-7

Date Collected: 10/13/21 15:20

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 04:54	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 18:27	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/19/21 23:27	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:38	FXG	TAL CHI
Dissolved	Prep	7470A			624941	10/22/21 10:25	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625242	10/25/21 08:41	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: FB-01
Date Collected: 10/13/21 16:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:00	K1S	TAL SAC

Client Sample ID: EB-01
Date Collected: 10/13/21 16:30
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 05:16	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 18:51	SS	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:11	K1S	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:42	FXG	TAL CHI
Dissolved	Prep	7470A			624941	10/22/21 10:25	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625242	10/25/21 08:43	MJG	TAL CHI

Client Sample ID: MW-1
Date Collected: 10/14/21 09:35
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 05:38	JDD	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:08	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:45	FXG	TAL CHI

Client Sample ID: MW-2
Date Collected: 10/14/21 10:15
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 13:16	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:18	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:49	FXG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-10
Date Collected: 10/14/21 11:05
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 14:13	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:28	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:52	FXG	TAL CHI

Client Sample ID: MW-10
Date Collected: 10/14/21 11:55
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 14:42	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:38	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:56	FXG	TAL CHI

Client Sample ID: PZ-5
Date Collected: 10/14/21 12:50
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 15:11	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:48	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 18:59	FXG	TAL CHI

Client Sample ID: PZ-5 DUP
Date Collected: 10/14/21 12:50
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 15:40	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 00:58	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:03	FXG	TAL CHI

Client Sample ID: MW-5
Date Collected: 10/14/21 13:35
Date Received: 10/16/21 11:30

Lab Sample ID: 500-206977-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 16:08	STW	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-5

Lab Sample ID: 500-206977-16

Date Collected: 10/14/21 13:35

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 01:09	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:13	FXG	TAL CHI

Client Sample ID: OMPZ-4

Lab Sample ID: 500-206977-17

Date Collected: 10/14/21 14:30

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 16:37	STW	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 01:19	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:16	FXG	TAL CHI

Client Sample ID: FB-03

Lab Sample ID: 500-206977-18

Date Collected: 10/14/21 15:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:21	K1S	TAL SAC

Client Sample ID: EB-03

Lab Sample ID: 500-206977-19

Date Collected: 10/14/21 15:15

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 17:06	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:31	K1S	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:20	FXG	TAL CHI

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-206977-20

Date Collected: 10/14/21 00:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 17:35	STW	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: B-5A

Lab Sample ID: 500-206977-21

Date Collected: 10/13/21 10:03

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 06:00	JDD	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 01:29	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:23	FXG	TAL CHI

Client Sample ID: B-9

Lab Sample ID: 500-206977-22

Date Collected: 10/13/21 11:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 06:22	JDD	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 01:39	D1R	TAL SAC
Dissolved	Prep	3005A			624719	10/21/21 09:54	BDE	TAL CHI
Dissolved	Analysis	6020A		1	624927	10/21/21 19:27	FXG	TAL CHI

Client Sample ID: B-12

Lab Sample ID: 500-206977-23

Date Collected: 10/13/21 11:56

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 06:44	JDD	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 02:19	D1R	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:29	FXG	TAL CHI

Client Sample ID: PZ-13

Lab Sample ID: 500-206977-24

Date Collected: 10/13/21 13:15

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 07:06	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 19:15	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 02:29	D1R	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:33	FXG	TAL CHI
Dissolved	Prep	7470A			625237	10/25/21 10:05	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625457	10/26/21 07:14	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-13

Lab Sample ID: 500-206977-25

Date Collected: 10/13/21 14:24

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 07:28	JDD	TAL CHI
Total/NA	Analysis	8260B	DL	10	625549	10/27/21 07:49	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 19:38	SS	TAL CHI
Total/NA	Prep	3535			535204	10/19/21 04:55	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	535532	10/20/21 02:40	D1R	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:36	FXG	TAL CHI
Dissolved	Prep	7470A			625237	10/25/21 10:05	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625457	10/26/21 07:16	MJG	TAL CHI

Client Sample ID: PZ-14

Lab Sample ID: 500-206977-26

Date Collected: 10/13/21 15:17

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 08:11	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 20:02	SS	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:41	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:40	FXG	TAL CHI
Dissolved	Prep	7470A			625237	10/25/21 10:05	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625457	10/26/21 07:18	MJG	TAL CHI

Client Sample ID: MW-14

Lab Sample ID: 500-206977-27

Date Collected: 10/13/21 16:07

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625549	10/27/21 08:33	JDD	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 20:26	SS	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 04:51	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:43	FXG	TAL CHI
Dissolved	Prep	7470A			625237	10/25/21 10:05	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625457	10/26/21 07:20	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: EB-02

Lab Sample ID: 500-206977-28

Date Collected: 10/13/21 17:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 13:45	STW	TAL CHI
Total/NA	Prep	3510C			623952	10/18/21 06:31	FRG	TAL CHI
Total/NA	Analysis	8270D		1	624520	10/20/21 20:50	SS	TAL CHI
Total/NA	Prep	3535			535545	10/19/21 19:05	PV	TAL SAC
Total/NA	Analysis	537 (modified)		1	535649	10/20/21 16:12	RS1	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:47	FXG	TAL CHI
Dissolved	Prep	7470A			625237	10/25/21 10:05	MJG	TAL CHI
Dissolved	Analysis	7470A		1	625457	10/26/21 07:22	MJG	TAL CHI

Client Sample ID: FB-02

Lab Sample ID: 500-206977-29

Date Collected: 10/13/21 17:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			535545	10/19/21 19:05	PV	TAL SAC
Total/NA	Analysis	537 (modified)		1	535649	10/20/21 16:54	RS1	TAL SAC

Client Sample ID: MW-9

Lab Sample ID: 500-206977-30

Date Collected: 10/14/21 10:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 18:04	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 05:01	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:50	FXG	TAL CHI

Client Sample ID: OMPZ-3

Lab Sample ID: 500-206977-31

Date Collected: 10/14/21 10:55

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 18:32	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 05:42	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:53	FXG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: PZ-8

Lab Sample ID: 500-206977-32

Date Collected: 10/14/21 12:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 19:30	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 05:52	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 16:57	FXG	TAL CHI

Client Sample ID: MW-8

Lab Sample ID: 500-206977-33

Date Collected: 10/14/21 12:50

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 19:59	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 06:02	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 17:07	FXG	TAL CHI

Client Sample ID: PZ-9

Lab Sample ID: 500-206977-34

Date Collected: 10/14/21 14:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625612	10/27/21 20:57	STW	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 06:32	K1S	TAL SAC

Client Sample ID: FB-04

Lab Sample ID: 500-206977-35

Date Collected: 10/14/21 15:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			535545	10/19/21 19:05	PV	TAL SAC
Total/NA	Analysis	537 (modified)		1	535649	10/20/21 17:04	RS1	TAL SAC

Client Sample ID: EB-04

Lab Sample ID: 500-206977-36

Date Collected: 10/14/21 15:00

Matrix: Water

Date Received: 10/16/21 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	625605	10/27/21 15:22	JDD	TAL CHI
Total/NA	Prep	3535			535545	10/19/21 19:05	PV	TAL SAC
Total/NA	Analysis	537 (modified)		1	535649	10/20/21 17:14	RS1	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 17:28	FXG	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Client Sample ID: MW-9 DUP

Lab Sample ID: 500-206977-37

Date Collected: 10/14/21 10:00

Matrix: Water

Date Received: 10/16/21 11:30

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260B		1	625605	10/27/21 15:44	JDD	TAL CHI
Total/NA	Prep	3535			535207	10/19/21 05:09	HK	TAL SAC
Total/NA	Analysis	537 (modified)		1	535535	10/20/21 06:43	K1S	TAL SAC
Dissolved	Prep	3005A			624930	10/22/21 09:55	BDE	TAL CHI
Dissolved	Analysis	6020A		1	625440	10/25/21 17:31	FXG	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

Laboratory: Eurofins TestAmerica, Sacramento


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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-22

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Chain of Custody Record

LAB REPORT AND INVOICE TO RAMBOLL

Client Information		Sample# DUNCAN GLASFORD	Lab PM Fredrick Sandie	Carrier Tracking No(s)	COC No 500-95543-42272 6															
Client Contact: SUSAN PETROFSKE		Phone 262 573 6315	E-Mail sandra.fredrick@eurofinset.com	State of Origin WI	Page 1 of 1															
Company Ramboll US Corporation		PWSID	Analysis Requested																	
Address 234 W Florida Street Fifth Floor		Due Date Requested	 500-206977 COC																	
City Milwaukee		TAT Requested (days) STANDARD																		
State Zip WI 53204		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																		
Phone		PO # 1690019558																		
Email DGLASFORD@ramboll.com		WO#	Preservation Codes																	
Project Name Former Mirro 20 - Chilton 1690019558		Project # 50019131	A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)																	
Site		SSOW#	Other																	
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)															
					Field Filtered Sample (Yes or No)															
					Perform MS/MSD (Yes or No)															
					PFC_IDA, WI - PFAS, Standard List (33 analytes)															
					8260B - VOC															
					AS (6020A)															
					PAH (B270)															
					PCDA METALS (6020A+7470A)															
					Preservation Code:															
					N A D N D															
1	B-5	10-13-21	1001	G	Water	X X X														
2	B-6		1055		Water	X X X														
3	B-11		1131		Water	X X X														
4	MW-11		1318		Water	X X														
5	MW-12		1407		Water	X X														
6	PZ-12		1520		Water	X X														
7	PZ-12 DUP		1520		Water	X X														
8	FB-01		1615		Water	X X														
9	EB-01		1630		Water	X X														
10	MW-1	10-14-21	935		Water	X X X														
11	MW-2		1015		Water	X X X														
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months															
Deliverable Requested I II III IV Other (specify)					Special Instructions/QC Requirements															
Empty Kit Relinquished by		Date		Time		Method of Shipment:														
Relinquished by <i>[Signature]</i>		Date/Time 10-15-21 940		Company RAMBOLL		Received by <i>[Signature]</i>		Date/Time 10-15-21 940		Company TA										
Relinquished by <i>[Signature]</i>		Date/Time 10-15-21 1700		Company TA		Received by <i>[Signature]</i>		Date/Time 10/16/21 1130		Company ETA-CH1										
Relinquished by		Date/Time		Company		Received by		Date/Time		Company										
Custody Seals Intact.		Custody Seal No		Cooler Temperature(s) °C and Other Remarks																
<input type="checkbox"/> Yes <input type="checkbox"/> No				5.0 → 4 9, 1.0, 1.9																

Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park IL 60484
 Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record



Environment Testing
 America

Client Information		Sampler DUNELAN GLASFORD	Lab PM. Fredrick Sandie	Carrier Tracking No(s)	COC No 500-95543-42272.2								
Client Contact SUSAN PETROFSKE Dunelan Glasford		Phone 262 573 6315	E-Mail sandra.fredrick@eurofinset.com	State of Origin WI	Page Page 2 of 4								
Company Ramboll US Corporation		PWSID	Analysis Requested										
Address 234 W Florida Street Fifth Floor		Due Date Requested	Preservation Codes A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)										
City Milwaukee		TAT Requested (days)											
State Zip WI 53204		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone		PO # 1690019558											
Email DGLASFORD@ramboll.com		WO #											
Project Name Former Mirro 20 - Chilton 1690019558		Project #: 50019131	Job # 500-206977										
Site		SSOW#	Other										
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFCS_IDA_WI - PFAS Standard List (33 analytes)	8260B - VOC	8020A-7420A As (6020A)	9090A-9090B	Total Number of containers	Special Instructions/Note
				Preservation Code									
12	PZ-10	10-14-21	1105	G	Water			X	X	X			
13	MW-10		1155		Water			X	X	X			
14	PZ-5		1250		Water			X	X	X			
15	PZ-5 DUP		1250		Water			X	X	X			
16	MW-5		1335		Water			X	X	X			
17	OMPZ-4		1430		Water			X	X	X			
18	FB-01		1500		Water			X					
19	EB-01		1515		Water			X	X	X			
20	TRIP BLANK		-		Water				X				
21					Water								
22					Water								
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Deliverable Requested I II III IV Other (specify)		Special Instructions/QC Requirements											
Empty Kit Relinquished by		Date	Time	Method of Shipment									
Relinquished by <i>[Signature]</i>		Date/Time 10-15-21 940	Company RAMBOLL	Received by <i>[Signature]</i>									
Relinquished by <i>[Signature]</i>		Date/Time 10-15-21 1700	Company TA	Received by <i>[Signature]</i>									
Relinquished by		Date/Time	Company	Received by									
Custody Seals Intact.		Custody Seal No		Cooler Temperature(s) °C and Other Remarks									
<input type="checkbox"/> Yes <input type="checkbox"/> No													

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Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park IL 60484
 Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record



Environmental Testing
 America

Client Information		Sampler: <i>Andrea Zecca</i>		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No: 500-95543-42272 3											
Client Contact: <i>Duncan Glasford Susan Petrofke</i>		Phone: <i>815-666-3873</i>		E-Mail: <i>sandra.fredrick@eurofinset.com</i>		State of Origin: <i>WI</i>		Page: Page 3 of 4											
Company: Ramboll US Corporation		PWSID		Analysis Requested						Job #: <i>500-206977</i>									
Address: 234 W Florida Street Fifth Floor		Due Date Requested		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> PFC IDA, WI - PFAS, Standard List (33 analytes) <input checked="" type="checkbox"/> 8260B - VOC <input checked="" type="checkbox"/> 6020A, 4460A <input checked="" type="checkbox"/> AS <input checked="" type="checkbox"/> PAK (8270) <input checked="" type="checkbox"/> PCRA METALS (6020A, 7470A) <input checked="" type="checkbox"/>						City: Milwaukee		TAT Requested (days):		Preservation Codes A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)				Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No	
State Zip: WI 53204		PO #: 1690019558																	
Phone:		WO#:																	
Email: <i>DGLASFORD@ramboll.com</i>		Project #: 50019131																	
Project Name: Former Mirro 20 - Chilton 1690019558		SSOW#:																	
Site:										Other:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note							
21		10-13-21		10:03		G		Water		N A D N O									
22		↓		11:00		↓		Water		X X X									
23		↓		11:56		↓		Water		X X X									
24		↓		13:15		↓		Water		X X X X X									
25		↓		14:24		↓		Water		X X X X X									
26		↓		15:17		↓		Water		X X X X X									
27		↓		16:07		↓		Water		X X X X X									
28		↓		17:00		↓		Water		X X X X X									
29		↓		17:00		↓		Water		X X X									
30		10-14-21		10:00		↓		Water		X X X									
31		↓		10:55		↓		Water		X X X									
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)													
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months													
Deliverable Requested I II III IV Other (specify)						Special Instructions/QC Requirements													
Empty Kit Relinquished by:		Date		Time		Method of Shipment:													
Relinquished by: <i>[Signature]</i>		Date/Time: 10-15-21 940		Company: Ramboll		Received by: <i>[Signature]</i>		Date/Time: 10-15-21 940		Company: TA									
Relinquished by: <i>[Signature]</i>		Date/Time: 10-15-21 1700		Company: TA		Received by: <i>Stephanie Hemmick</i>		Date/Time: 10/16/21 1130		Company: ETA-GTI									
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks.															

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Chain of Custody Record



Client Information		Sampler: <i>Andrea Zecca</i>		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No: 500-95543-42272 4					
Client Contact: <i>Duncan Glasford Susan Petrofske</i>		Phone: <i>815-660-3873</i>		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: <i>WI</i>		Page: Page 4 of 10					
Company: Ramboll US Corporation		PWSID:		Analysis Requested						Job #: <i>500-266977</i>			
Address: 234 W Florida Street Fifth Floor		Due Date Requested:		Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MS/MSD (Yes or No) <input type="checkbox"/> PFC_IDA, WI - PFAS Standard List (33 analytes) 8260B - VOC 6020A - <i>pesticides AS</i> 6000A - PCB						Total Number of containers Preservation Codes: A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify) Other			
City: Milwaukee		TAT Requested (days):											
State/Zip: WI 53204		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone:		PO #: 1690019558											
Email: <i>DGLASFORD@ramboll.com</i>		WO #:											
Project Name: Former Mirro 20 - Chilton 1690019558		Project #: 50019131											
Site:		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA, WI - PFAS Standard List (33 analytes)	8260B - VOC	6020A - <i>pesticides AS</i>	6000A - PCB	Total Number of containers	Special Instructions/Note
<i>32 PZ-8</i>		<i>10-14-21</i>	<i>12:00</i>	<i>G</i>	<i>Water</i>								
<i>33 MW-8</i>			<i>12:50</i>		<i>Water</i>								<i>ADDITIONAL VOLUMES FOR MS/MSD</i>
<i>34 OMPZ-3</i>			<i>14:00</i>		<i>Water</i>								
<i>35 FB-04</i>			<i>1500</i>		<i>Water</i>								
<i>36 EB-04</i>			<i>1500</i>		<i>Water</i>								
<i>37 MW-9 DUP</i>			<i>1000</i>		<i>Water</i>								
					<i>Water</i>								
					<i>Water</i>								
					<i>Water</i>								
					<i>Water</i>								
					<i>Water</i>								
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					<i>Water</i>								
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested I II III IV Other (specify)		Special Instructions/QC Requirements											
Empty Kit Relinquished by		Date		Time		Method of Shipment							
Relinquished by: <i>[Signature]</i>		Date/Time: <i>10-15-21</i>		Company: <i>RAMBOLL</i>		Received by: <i>[Signature]</i>		Date/Time: <i>10-15-21 940</i>		Company: <i>TA</i>			
Relinquished by: <i>[Signature]</i>		Date/Time: <i>10-15-21 1700</i>		Company: <i>TA</i>		Received by: <i>Stephanie Hemmold</i>		Date/Time: <i>10/16/21 1130</i>		Company: <i>ETA-CH</i>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks									

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+125 N 124TH ST.
SUITE F (REAR)
BROOKFIELD, WI 53005
UNITED STATES US

AC: 0269688/CAFES07

BILL REC

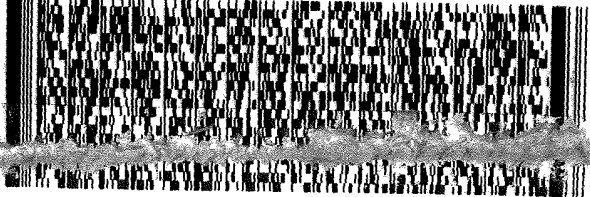
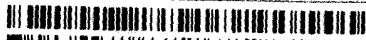
SAMPLE RECEIPT
EUROFINS TESTAMERICA
2417 BOND ST.

UNIVERSITY PARK IL 60484

(262) 202-6966
INU:
PO:

REF:

DEPT:



FedEx
Express



3 of 4

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0263

Mstr# 5418 0593 2410

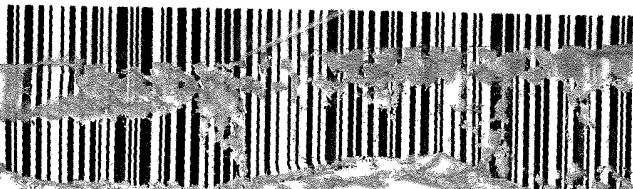
0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484

IL-US ORD



ORIGIN ID:RRLA (262) 202-5955
IAN EVANS
EUROFINS TESTAMERICA
4125 N 124TH ST.
SUITE F (REAR)
BROOKFIELD, WI 53005
UNITED STATES US

SHIP DAT
ACTWGT:
CAD: 02E



BILL REC

SAMPLE RECEIPT
EUROFINS TESTAMERICA
2417 BOND ST.

500-206977 Wayt

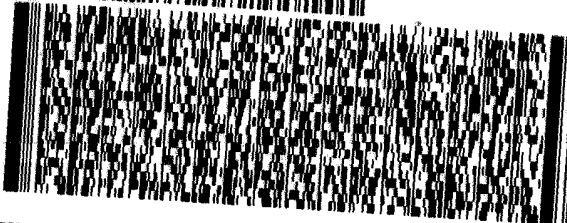
5200740776/RF 40

UNIVERSITY PARK IL 60484

(262) 202-6966
INU:
PO:

REF:

DEPT:



FedEx
Express



J211020121101 00

2 of 4

MPS# 5418 0593 2420
0263

Mstr# 5418 0593 2410

0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484

IL-US ORD



Part # 159469-434 R172 EXP 04/22 ***

ORIGIN ID:RRLA (262) 202-5955
IAN EVANS
EUROFINS TESTAMERICA
4125 N 124TH ST.
SUITE F (REAR)
BROOKFIELD, WI 53005
UNITED STATES US

SHIP DATE: 15OCT21
ACTNGT: 57.30 LB
CAD: 0269688/CAFE3507

BILL RECIPIENT

TO **SAMPLE RECEIPT**
EUROFINS TESTAMERICA
2417 BOND ST.

UNIVERSITY PARK IL 60484

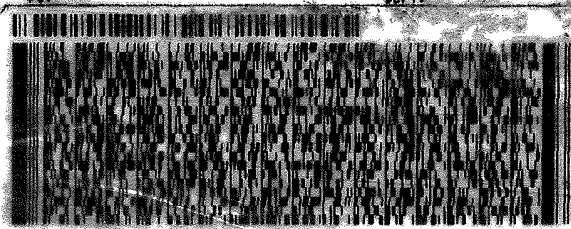
(262) 202-6965
INV: PO:

REF:

DEPT:

® FedEx

Express
FedEx



FedEx
Express



1 of 4

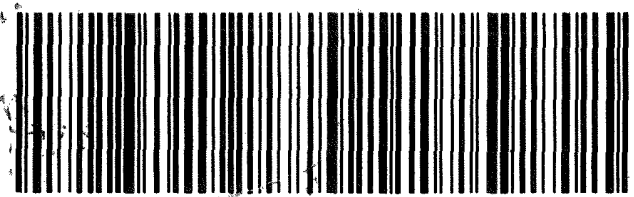
TRK# 5418 0593 2410
0201

MASTER

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484
IL-US ORD



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Eurofins TestAmerica, Chicago

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record



Environment Testing
America

LAB REPORT AND INVOICE TO RAMBOLL

Client Information	Sample: DUNCAN GRASFORD	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-95543-42272.6
Client Contact: SUSAN PETROFSKE	Phone: 262 573 6315	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: WI	Page: 1 of 14
Company: Ramboll US Corporation	PWSID:			Job #:

Address: 234 W. Florida Street Fifth Floor City: Milwaukee State, Zip: WI, 53204 Phone: Email: DGLASFORD@ramboll.com	Due Date Requested:	Analysis Requested AS (6020A) PAH (8270) PCRA METALS (6020A+7470A)	Field Filtered Sample (Yes or No) Perform (MS) <input checked="" type="checkbox"/> PFC_IDA_WI - PFAS, Standard List (33 analytes) 8260B - VOC AS (6020A) PAH (8270) PCRA METALS (6020A+7470A)	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
	TAT Requested (days): STANDARD			
	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No			
	PO #: 1690019558 WO #:			
Project Name: Former Mirro 20 - Chilton 1690019558	Project #: 50019131	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=soil, D=dewastefoil, BT=tissue, A=air)	Field Filtered Sample (Yes or No) Perform (MS) <input checked="" type="checkbox"/>	PFC_IDA_WI - PFAS, Standard List (33 analytes) 8260B - VOC	AS (6020A)	PAH (8270)	PCRA METALS (6020A+7470A)	Total Number of Containers	Special Instructions/Note:
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
B-5	10-13-21	1601	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
B-6		1655		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
B-11		1631		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
MW-11		1318		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
MW-12		1407		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
PZ-12		1520		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
PZ-12 DUP		1520		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
FB-01		1615		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
EB-01		1630		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
MW-1	10-14-21	935		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
MW-2		1015		Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				



500-206977 Chain of Custody

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 10-15-21 940	Company: Ramboll	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 10-15-21 1700	Company: TA	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 10-15-21 935	Company: Petrofske	Received by: <i>[Signature]</i>

Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: 160144/160145	Cooler Temperature(s) °C and Other Remarks: 1.5
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Chain of Custody Record

Client Information		Sampler: DUNCAN GLASFORD	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-95543-42272.2							
Client Contact: SUSAN PETROFSKE		Phone: 262 673 6315	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: WI	Page: 4 Page 2 of 4							
Company: Ramboll US Corporation		PWSID:	Analysis Requested									
Address: 234 W. Florida Street Fifth Floor		Due Date Requested:	Field Filtered Sample (Yes or No) [] Perform MS/MSD (Yes or No) [] PFC_IDA, WI - PFAS, Standard List (33 analytes) [] 8260B - VOC [] As (6020) [] Total Number of containers:									
City: Milwaukee		TAT Requested (days):										
State, Zip: WI, 53204		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
Phone:		PO #: 1690019558										
Email: DGLASFORD@ramboll.com		WO #:										
Project Name: Former Mirro 20 - Chilton 1690019558		Project #: 50019131	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)									
Site:		SSOW#:	Other:									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No) []	Perform MS/MSD (Yes or No) []	PFC_IDA, WI - PFAS, Standard List (33 analytes) []	8260B - VOC []	As (6020) []	Total Number of containers:	Special Instructions/Note:
		Preservation Code: <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> Z										
PZ-10		10-14-21	1105	G	Water			X	X	X		
MW-10			1155		Water			X	X	X		
PZ-5			1250		Water			X	X	X		
PZ-5 DUP			1250		Water			X	X	X		
MW-5			1335		Water			X	X	X		
OMPZ-4			1430		Water			X	X	X		
FB-01			1500		Water			X				
EB-01			1515		Water			X	X	X		
TRIP BLANK			-	-	Water			X				
					Water							
					Water							
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:						
Empty Kit Relinquished by:			Date:	Time:	Method of Shipment:							
Relinquished by: <i>[Signature]</i>		Date/Time: 10-15-21 940	Company: RAMBOLL	Received by: <i>[Signature]</i>		Date/Time: 10-15-21 940	Company: TA					
Relinquished by: <i>[Signature]</i>		Date/Time: 10-15-21 1700	Company: TA	Received by: <i>[Signature]</i>		Date/Time: 10/16/21 935	Company: ES&C					
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:					
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: 1601144 / 1601145				Cooler Temperature(s) °C and Other Remarks: 05						

Page 195 of 214

11/10/2021 (Rev. 2)



Chain of Custody Record



Client Information			Sampler: Andrea Zecca	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-95543-42272.3															
Client Contact: Dominic Chieford Susan Petrofske			Phone: 815-666-3873	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: WI	Page: Page 3 of 4															
Company: Ramboll US Corporation		PWSID:		Analysis Requested		Job #:															
Address: 234 W. Florida Street Fifth Floor		Due Date Requested:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</div> <table border="1" style="font-size: small;"> <tr><td>PFAS: PFAS IDA, WI - PFAS, Standard List (33 analytes)</td></tr> <tr><td>8260B - VOC</td></tr> <tr><td>6020A - PAH AS</td></tr> <tr><td>PAH (8270)</td></tr> <tr><td>FLRA METALS (6020A, 7470A)</td></tr> </table> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of containers</div> </div>		PFAS: PFAS IDA, WI - PFAS, Standard List (33 analytes)	8260B - VOC	6020A - PAH AS	PAH (8270)	FLRA METALS (6020A, 7470A)	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)										
PFAS: PFAS IDA, WI - PFAS, Standard List (33 analytes)																					
8260B - VOC																					
6020A - PAH AS																					
PAH (8270)																					
FLRA METALS (6020A, 7470A)																					
City: Milwaukee		TAT Requested (days):																			
State, Zip: WI, 53204		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Phone:		PO # 1690019558																			
Email: DGLASFORD@ramboll.com / SPETROFSKE@RAMBOLL.COM		WO#:																			
Project Name: Former Mirro 20 - Chilton 1690019558		Project #: 50019131		Special Instructions/Note:																	
Site:		SSOW#:																			
Sample Identification			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=water/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Matrix													
							X	N	A	D	Z	C	H	S	U	V	W	X	Y	Z	
B-5A			10-13-21	10.03	G	Water	X	X	X												
B-9			↓	11.00	↓	Water	X	X	X												
B-12			↓	11.56	↓	Water	X	X	X												
PZ-13			↓	13.15	↓	Water	X	X		X	X										
MW-13			↓	14.24	↓	Water	X	X		X	X										
PZ-14			↓	15.17	↓	Water	X	X		X	X										
MW-14			↓	16.07	↓	Water	X	X		X	X										
EB-02			↓	17.00	↓	Water	X	X		X	X										
FB-02			↓	17.00	↓	Water	X	X													
MW-9			10-14-21	16.00	↓	Water	X	X	X												
PZ-9			↓	16.55	↓	Water	X	X	X												

Page 196 of 214

11/10/2021 (Rev. 2)

Possible Hazard Identification

 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: [Signature]	Date/Time: 10-15-21 940	Company: Ramboll	Received by: [Signature]	Date/Time: 10-15-21 940	Company: TA
Relinquished by: [Signature]	Date/Time: 10-15-21 1700	Company: TA	Received by: [Signature]	Date/Time: 10/16/21 935	Company: EPT, Inc
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Yes No Custody Seal No.: **1601144 / 1601145**

Cooler Temperature(s) °C and Other Remarks: **1-5**

list 3A DV 10/16/21



Chain of Custody Record

Client Information		Sampler: <i>Andrea Zecca</i>	Lab PM: <i>Fredrick, Sandie</i>	Carrier Tracking No(s):	COC No: <i>500-95543-42272.4</i>																								
Client Contact: <i>Duncan Clifford Susan Petruske</i>		Phone: <i>815-666-3873</i>	E-Mail: <i>sandra.fredrick@eurofinset.com</i>	State of Origin: <i>WI</i>	Page: <i>4 of 4</i>																								
Company: <i>Ramboll US Corporation</i>		PWSID:	Analysis Requested																										
Address: <i>234 W. Florida Street Fifth Floor</i>		Due Date Requested:	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MS</td> <td>PFC_IDA, WI - PFAS, Standard List (33 analytes)</td> <td>8260B - VOC</td> <td>6020A - <i>As</i></td> <td>60004 - PCB</td> </tr> </table>			Field Filtered Sample (Yes or No)	Perform MS/MS	PFC_IDA, WI - PFAS, Standard List (33 analytes)	8260B - VOC	6020A - <i>As</i>	60004 - PCB																		
Field Filtered Sample (Yes or No)	Perform MS/MS	PFC_IDA, WI - PFAS, Standard List (33 analytes)				8260B - VOC	6020A - <i>As</i>	60004 - PCB																					
City: <i>Milwaukee</i>		TAT Requested (days):																											
State, Zip: <i>WI, 53204</i>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																											
Phone:		PO #: <i>1690019558</i>																											
Email: <i>DGLASFORD@ramboll.com</i>		WO #:																											
Project Name: <i>Former Mirro 20 - Chilton 1690019558</i>		Project #: <i>50019131</i>	Preservation Codes:																										
Site:		SSOW#:	<table border="0"> <tr> <td>A - HCL</td> <td>M - Hexane</td> </tr> <tr> <td>B - NaOH</td> <td>N - None</td> </tr> <tr> <td>C - Zn Acetate</td> <td>O - AsNaO2</td> </tr> <tr> <td>D - Nitric Acid</td> <td>P - Na2O4S</td> </tr> <tr> <td>E - NaHSO4</td> <td>Q - Na2SO3</td> </tr> <tr> <td>F - MeOH</td> <td>R - Na2S2O3</td> </tr> <tr> <td>G - Amchlor</td> <td>S - H2SO4</td> </tr> <tr> <td>H - Ascorbic Acid</td> <td>T - TSP Dodecahydrate</td> </tr> <tr> <td>I - Ice</td> <td>U - Acetone</td> </tr> <tr> <td>J - DI Water</td> <td>V - MCAA</td> </tr> <tr> <td>K - EDTA</td> <td>W - pH 4-5</td> </tr> <tr> <td>L - EDA</td> <td>Z - other (specify)</td> </tr> </table>			A - HCL	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4-5	L - EDA	Z - other (specify)
A - HCL	M - Hexane																												
B - NaOH	N - None																												
C - Zn Acetate	O - AsNaO2																												
D - Nitric Acid	P - Na2O4S																												
E - NaHSO4	Q - Na2SO3																												
F - MeOH	R - Na2S2O3																												
G - Amchlor	S - H2SO4																												
H - Ascorbic Acid	T - TSP Dodecahydrate																												
I - Ice	U - Acetone																												
J - DI Water	V - MCAA																												
K - EDTA	W - pH 4-5																												
L - EDA	Z - other (specify)																												
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MS	PFC_IDA, WI - PFAS, Standard List (33 analytes)	8260B - VOC	6020A - <i>As</i>	60004 - PCB	Total Number of Containers	Special Instructions/Note:																
<i>PZ-8</i>		<i>10-14-21</i>	<i>12:00</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
<i>MW-8</i>		<i>↓</i>	<i>12:50</i>	<i>↓</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<i>ADDITIONAL VOLUME FOR MS/MSD</i>																
<i>OMPZ-3</i>		<i>↓</i>	<i>14:00</i>	<i>↓</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
<i>FB-04</i>		<i>↓</i>	<i>1500</i>	<i>↓</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
<i>EB-04</i>		<i>↓</i>	<i>1500</i>	<i>↓</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
<i>MW-9 DUP</i>		<i>↓</i>	<i>1000</i>	<i>↓</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
					<i>Water</i>																								
					<i>Water</i>																								
					<i>Water</i>																								
					<i>Water</i>																								
					<i>Water</i>																								
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																								
Deliverable Requested: I, II, III, IV, Other (specify)					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																								
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		Special Instructions/QC Requirements:																							
<i>Duncan Clifford</i>		<i>10-15-21</i>		<i>Ramboll</i>		Received by: <i>Sandie</i>		<i>10-15-21</i>	<i>940</i>	Company: <i>TA</i>																			
<i>Susan Petruske</i>		<i>10-15-21</i>	<i>1700</i>	<i>TA</i>		Received by: <i>Susan Petruske</i>		<i>10/15/21</i>	<i>935</i>	Company: <i>PTAC</i>																			
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <i>1601144 / 1601145</i>			Cooler Temperature(s) °C and Other Remarks: <i>13</i>																								

Page 197 of 214

11/10/2021 (Rev. 2)



Chain of Custody Record

LAB REPORT AND INVOICE TO RAMBOLL

Client Information		Sampler: DUNCAN GLAGFORD	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-95543-42272.6	
Client Contact: SUSAN PETROFSKE		Phone: 262 573 6315	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: WI	Page: 1 of 4	
Company: Ramboll US Corporation		PWSID:		Job #:		
Address: 234 W. Florida Street Fifth Floor		Due Date Requested:		Analysis Requested		
City: Milwaukee		TAT Requested (days): STANDARD		Preservation Codes:		
State, Zip: WI, 53204		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		A - HCL M - Hexane		
Phone:		PO #: 1690019558		B - NaOH N - None		
Email: DGLASFORD@ramboll.com / SPETROFSKE@ramboll.com		Project #: 50019131		C - Zn Acetate O - AsNaO2		
Project Name: Former Mirro 20 - Chilton 1690019558		SSOW#:		D - Nitric Acid P - Na2O4S		
Site:		Field Filtered Sample (Yes or No)		E - NaHSO4 Q - Na2SO3		
		Perform MS/MSD (Yes or No)		F - MeOH R - Na2S2O3		
		PFC_IDA_WI - PFAS, Standard List (33 analytes)		G - Amchlor S - H2SO4		
		8260B - VOC		H - Ascorbic Acid T - TSP Dodecahydrate		
		AS (6020A)		I - Ice U - Acetone		
		PAH (8270)		J - DI Water V - MCAA		
		PCPA METALS (6020A+7470A)		K - EDTA W - pH 4-5		
		Total Number of Containers:		L - EDA Z - other (specify)		
		Other:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=tissue, A=air)	Special Instructions/Note:
				Preservation Code:		
B-5		10-13-21	1601	G	Water	
B-6			1655		Water	
B-11			1131		Water	
MW-11			1318		Water	
MW-12			1407		Water	
PZ-12			1520		Water	
PZ-12 DUP			1520		Water	
FB-01			1615		Water	
EB-01			1630		Water	
MW-1		10-14-21	935		Water	
MW-2			1015		Water	



Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 10-15-21 940	Company: Ramboll	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	Date/Time: 10-15-21 1700	Company: TA	Date/Time: 10-15-21 935
Relinquished by:	Date/Time:	Company:	Date/Time:

Custody Seal Intact: Yes No

Custody Seal No.: **160144/160145**

Cooler Temperature(s) °C and Other Remarks: **1.5 ; 2.4**



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

Client Information		Sampler: <u>Andrea Zucca</u>	Lab PM: <u>Fredrick, Sandie</u>	Carrier Tracking No(s):	COC No: <u>500-95543-42272.3</u>		
Client Contact: <u>Dorcas Crawford Susan Petrofske</u>		Phone: <u>815-666-3873</u>	E-Mail: <u>sandra.fredrick@eurofinset.com</u>	State of Origin: <u>WI</u>	Page: <u>3 of 4</u>		
Company: <u>Ramboll US Corporation</u>		Analysis Requested			Job #:		
Address: <u>234 W. Florida Street Fifth Floor</u>		Due Date Requested:			Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:		
City: <u>Milwaukee</u>		TAT Requested (days):					
State, Zip: <u>WI, 53204</u>		Compliance Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Phone:		PO #: <u>1690019558</u>					
Email: <u>DGLASFORD@ramboll.com / SPETROFSKE@RAMBOLL.COM</u>		WO #:					
Project Name: <u>Former Mirro 20 - Chilton 1690019558</u>		Project #: <u>50019131</u>					
Site:		SSOW#:			Total Number of Containers:		
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)		Matrix (Water, Solid, Or waste/soil, BT=Tissue, AA=Air)	Special Instructions/Note:
						Preservation Code	
B-5A		10-13-21	10.03	G		Water	
B-9			11.00			Water	
B-12			11.56			Water	
PZ-13			13.15			Water	
MW-13			14.24			Water	
PZ-14			15.17			Water	
MW-14			16.07			Water	
EB-02			17.00			Water	
FB-02			17.00		Water		
MW-9		10-14-21	10.00		Water		
PZ-9			10.55		Water		
Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)			Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>10-15-21 940</u>	Company: <u>Ramboll</u>	Received by: <u>[Signature]</u>		Date/Time: <u>10-15-21 940</u> Company: <u>TA</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>10-15-21 1700</u>	Company: <u>TA</u>	Received by: <u>[Signature]</u>		Date/Time: <u>10/16/21 935</u> Company: <u>EPT/Sec</u>	
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time: Company:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <u>1601144 / 1601145</u>		Cooler Temperature(s) °C and Other Remarks: <u>1.5 12.4</u>			

Page 200 of 214

11/10/2021 (Rev. 2)

List 5A DV 10/16/21



Chain of Custody Record

Client Information		Sampler: <u>Andrea Zecca</u>	Lab PM: <u>Fredrick, Sandie</u>	Carrier Tracking No(s):	COC No: <u>500-95543-42272.4</u>																								
Client Contact: <u>Duncan Glasford Susan Pedrofiske</u>		Phone: <u>815-666-3873</u>	E-Mail: <u>sandra.fredrick@eurofinset.com</u>	State of Origin: <u>WI</u>	Page: <u>4</u> Page 4 of 4																								
Company: <u>Ramboll US Corporation</u>		PWSID:	Analysis Requested																										
Address: <u>234 W. Florida Street Fifth Floor</u>		Due Date Requested:	<table border="1"> <tr> <th colspan="3">Field Filtered Sample (Yes or No)</th> <th rowspan="6">Total Number of containers</th> </tr> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>MS/MSD (18 or No)</td> <td>PFAS (18 or No)</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table>			Field Filtered Sample (Yes or No)			Total Number of containers	Field Filtered Sample (Yes or No)	MS/MSD (18 or No)	PFAS (18 or No)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Field Filtered Sample (Yes or No)						Total Number of containers																							
Field Filtered Sample (Yes or No)	MS/MSD (18 or No)	PFAS (18 or No)																											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																											
City: <u>Milwaukee</u>		TAT Requested (days):																											
State, Zip: <u>WI, 53204</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																											
Phone: <u>PLINDO@RAMBOLL.COM</u>		PO #: <u>1690019558</u>																											
Email: <u>DGLASFORD@ramboll.com</u>		WO #:																											
Project Name: <u>Former Mirro 20 - Chilton 1690019558</u>		Project #: <u>50019131</u>	Preservation Codes:																										
Site:		SSOW#:	<table border="0"> <tr> <td>A - HCL</td> <td>M - Hexane</td> </tr> <tr> <td>B - NaOH</td> <td>N - None</td> </tr> <tr> <td>C - Zn Acetate</td> <td>O - AsNaO2</td> </tr> <tr> <td>D - Nitric Acid</td> <td>P - Na2O4S</td> </tr> <tr> <td>E - NaHSO4</td> <td>Q - Na2SO3</td> </tr> <tr> <td>F - MeOH</td> <td>R - Na2S2O3</td> </tr> <tr> <td>G - Amchlor</td> <td>S - H2SO4</td> </tr> <tr> <td>H - Ascorbic Acid</td> <td>T - TSP Dodecahydrate</td> </tr> <tr> <td>I - Ice</td> <td>U - Acetone</td> </tr> <tr> <td>J - DI Water</td> <td>V - MCAA</td> </tr> <tr> <td>K - EDTA</td> <td>W - pH 4.5</td> </tr> <tr> <td>L - EDA</td> <td>Z - other (specify)</td> </tr> </table>			A - HCL	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4.5	L - EDA	Z - other (specify)
A - HCL	M - Hexane																												
B - NaOH	N - None																												
C - Zn Acetate	O - AsNaO2																												
D - Nitric Acid	P - Na2O4S																												
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F - MeOH	R - Na2S2O3																												
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H - Ascorbic Acid	T - TSP Dodecahydrate																												
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K - EDTA	W - pH 4.5																												
L - EDA	Z - other (specify)																												
Other:		Special Instructions/Note:																											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, or waste fol, BT=Tissue, AA=)	Field Filtered Sample (Yes or No)	MS/MSD (18 or No)	PFAS (18 or No)	Other																				
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
PZ-8		10-14-21	12:00	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
MW-8		↓	12:50	↓	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ADDITIONAL VOLUME FOR MS/MSD																				
DMPZ-3		↓	14:00	↓	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
FB-04		↓	15:00	↓	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
EB-04		↓	15:00	↓	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
MW-9 DUP		↓	16:00	↓	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
					Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																								
Deliverable Requested: I, II, III, IV, Other (specify)					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																								
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:																									
Relinquished by: <u>[Signature]</u>		Date/Time: <u>10-15-21</u>	Company: <u>RAMBOLL</u>	Received by: <u>[Signature]</u>		Date/Time: <u>10-15-21 940</u>	Company: <u>TA</u>																						
Relinquished by: <u>[Signature]</u>		Date/Time: <u>10-15-21 1700</u>	Company: <u>TA</u>	Received by: <u>[Signature]</u>		Date/Time: <u>10/16/21 935</u>	Company: <u>PRAC</u>																						
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:																						
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <u>1601144 / 1601145</u>			Cooler Temperature(s) °C and Other Remarks: <u>15, 24</u>																								



Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-206977-1

Login Number: 206977

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is < /= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	4.9,1.0,1.9
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-206977-1

Login Number: 206977

List Number: 2

Creator: Her, David A

List Source: Eurofins TestAmerica, Sacramento

List Creation: 10/16/21 03:02 PM

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	1601144/1601145
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	1.5 C 2.4 C
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.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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	



500-206977 Field Sheet

Tracking #: 5418 0593 2383

Job: _____

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

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

Therm. ID: 601 Corr. Factor: (+/-) N/A °C

Ice Wet Gel _____ Other _____

Cooler Custody Seal: 1601144 / 1601145

Cooler ID: -

Temp Observed: 1.5 °C Corrected: 1.5 °C
From: Temp Blank Sample

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

Initials: SO Date: 10/16/21

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

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: DT Date: 10/16/21

Notes: _____

Trizma Lot #(s): _____

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

Initials: DT Date: 10/16/21



Environment Testing
TestAmerica

Sacramento
Sample Receiving Notes

Place Field Sheet Label Here

Tracking #: 5418 0593 2394

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

Job: _____

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

Therm. ID: L-05 Corr. Factor: (+/-) _____ °C
Ice Wet Gel _____ Other _____
Cooler Custody Seal: 160142
Cooler ID: _____
Temp Observed: 2.4 °C Corrected: 2.1 °C
From: Temp Blank Sample

Notes: _____

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

Initials: DV Date: 10/16/14

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

Trizma Lot #(s): _____

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

Initials: DV Date: 10/16/14

Initials: DV Date: 10/16/14

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

ORL
 IAN
 EUR
 412
 SUI
 BROOKFIELD, WI 53005
 UNITED STATES US

SIGNATURE
 D/E
 1601144

ENS | Environment Testing
 TestAmerica

Custody Seal

TO **SAMPLE RECEIPT**
EUROFINS TESTAMERICA
880 RIVERSIDE PARKWAY
WEST SACRAMENTO CA 95605

(262) 202-6066 REF: REPT:

INU: PO: DIS:

FedEx
 Express
E

1 of 3
 TRK 5418 0593 2383
 2201
 NO TRACKER #

SATURDAY 12:00
PRIORITY OVERNIGHT

XO BLUA

95605
 CA-US



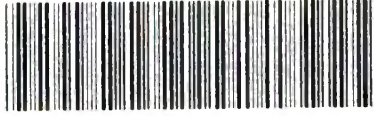
eurofins | Environment Testing
 TestAmerica

1601144

Deliv.

Custody Seal

DATE SIGNATURE



500-206977 Field Sheet

Tracking #: 5418 0593 2383

SO / PO / FO / (SAT) / 2-Day / Ground / UPS / CDO / Courier
GSO / OnTrac / Goldstreak / USPS / Other _____

Job: _____

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

Therm. ID: <u>601</u> Corr. Factor: (+/-) <u>N/A</u> °C				Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
Ice <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Gel _____ Other _____				
Cooler Custody Seal: <u>1601144 / 1601145</u>				
Cooler ID: _____				
Temp Observed: <u>1.5</u> °C Corrected: <u>1.5</u> °C				
From: Temp Blank <input type="checkbox"/> Sample <input checked="" type="checkbox"/>				
Opening/Processing The Shipment				
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cooler Temperature is acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Frozen samples show signs of thaw?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Initials: <u>SO</u> Date: <u>10/16/21</u>				
Unpacking/Labeling The Samples				
CoC is complete w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples compromised/tampered with?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample containers have legible labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sample custody seal?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Containers are not broken or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sample date/times are provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Appropriate containers are used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sample bottles are completely filled?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample preservatives verified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples w/o discrepancies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")				
Initials: <u>DK</u> Date: <u>10/16/21</u>				
Trizma Lot #(s): _____				

Login Completion				
Receipt Temperature on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples received within hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NCM Filed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Initials: <u>DK</u> Date: <u>10/16/21</u>				



Environment Testing
TestAmerica

Sacramento
Sample Receiving Notes

Place Field Sheet Label Here

Tracking #: 5416 0593 2394

Job: _____

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

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

Therm. ID: L-05 Corr. Factor: (+/-) _____ °C
Ice Wet Gel _____ Other _____
Cooler Custody Seal: 1661142
Cooler ID: _____
Temp Observed: 2.4 °C Corrected: 2.1 °C
From: Temp Blank Sample

Notes: _____

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

Initials: DV Date: 10/16/14

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

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")
Initials: DV Date: 10/16/14

Trizma Lot #(s): _____

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

Initials: DV Date: 10/16/14

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

SIGNATURE: *[Signature]*
 D.T.E. _____
1601144
 Environment Testing TestAmerica
 CUSTODY SEAL
 ORIGIN: IAN 412 SUI BROOKFIELD, WI 53005 UNITED STATES US
 BILL RECIPIENT

SAMPLE RECEIPT
EUROFINS TESTAMERICA
880 RIVERSIDE PARKWAY
WEST SACRAMENTO CA 95605

(262) 202-6966 REF: _____
 INU: _____ REPT: _____
 PS: _____

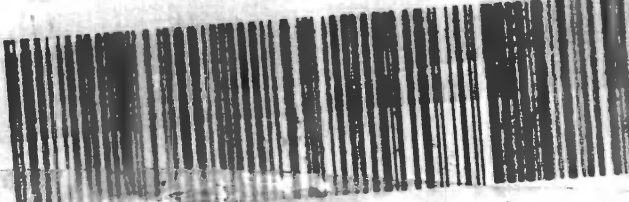

FedEx
 Express
E

1 of 3
 TRM 5418 0503 2383
 1201
 MF MASTER #

SATURDAY 12:00
PRIORITY OVERNIGHT

XO BLUA

95605
 CA-US SMI



SIGNATURE: *[Signature]*
1601144
 Environment Testing TestAmerica

Deliv
 CUSTODY SEAL
 DATE: _____
 SIGNATURE: *[Signature]*
 eurofins | Environment Testing TestAmerica
1601144

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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)
500-206977-1	B-5	78	89	87	89	92	89	89	85
500-206977-2	B-6	83	96	85	91	93	91	91	91
500-206977-3	B-11	85	91	88	94	97	100	92	87
500-206977-4	MW-11	86	95	91	96	96	96	91	92
500-206977-5	MW-12	85	95	97	95	98	104	97	93
500-206977-6	PZ-12	86	100	98	97	95	102	96	95
500-206977-7	PZ-12 DUP	87	98	95	100	99	103	98	96
500-206977-8	FB-01	95	105	100	100	105	105	103	95
500-206977-9	EB-01	96	105	98	101	102	112	108	96
500-206977-10	MW-1	91	104	94	91	99	95	94	96
500-206977-11	MW-2	76	85	87	86	86	86	84	83
500-206977-12	PZ-10	84	105	95	97	101	104	101	98
500-206977-13	MW-10	84	98	93	94	99	94	94	93
500-206977-14	PZ-5	89	98	94	96	94	96	97	96
500-206977-15	PZ-5 DUP	81	98	89	91	90	94	93	88
500-206977-16	MW-5	78	93	88	92	91	92	89	93
500-206977-17	OMPZ-4	78	96	84	89	99	97	89	90
500-206977-18	FB-03	96	107	101	104	103	105	107	102
500-206977-19	EB-03	93	98	95	92	103	106	99	100
500-206977-21	B-5A	84	100	95	96	99	97	95	95
500-206977-22	B-9	80	89	89	87	90	91	91	90
500-206977-23	B-12	86	101	95	90	93	101	92	94
500-206977-24	PZ-13	86	91	90	93	96	95	92	91
500-206977-25	MW-13	79	94	89	90	94	96	91	91
500-206977-26	PZ-14	93	101	100	105	106	105	104	100
500-206977-27	MW-14	87	101	103	99	100	109	97	97
500-206977-28	EB-02	91	91	107	92	92	88	96	106
500-206977-29	FB-02	96	105	111	111	94	101	104	114
500-206977-30	MW-9	95	109	99	103	101	109	105	100
500-206977-31	OMPZ-3	85	96	90	96	101	103	99	98
500-206977-32	PZ-8	94	104	96	99	102	102	106	99
500-206977-33	MW-8	91	105	100	102	106	108	102	101
500-206977-33 MS	MW-8	93	106	99	96	102	103	98	96
500-206977-33 MSD	MW-8	89	101	99	94	101	101	96	97
500-206977-34	PZ-9	96	101	101	101	104	103	105	95
500-206977-35	FB-04	92	103	110	106	94	97	98	109
500-206977-36	EB-04	97	109	118	115	100	103	111	118
500-206977-37	MW-9 DUP	86	96	91	90	95	92	91	88
LCS 320-535204/2-A	Lab Control Sample	95	104	101	106	107	110	105	108
LCS 320-535207/2-A	Lab Control Sample	100	106	99	107	106	107	107	107
LCS 320-535545/2-A	Lab Control Sample	91	93	102	94	94	88	105	104
LCSD 320-535204/3-A	Lab Control Sample Dup	92	92	92	92	94	94	96	96
LCSD 320-535545/3-A	Lab Control Sample Dup	93	94	117	98	91	85	98	100
MB 320-535204/1-A	Method Blank	93	100	102	98	98	108	104	102
MB 320-535207/1-A	Method Blank	95	106	99	99	102	104	105	105
MB 320-535545/1-A	Method Blank	98	98	124	111	96	103	110	113

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFD _o A (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFH _x S (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-206977-1	B-5	86	86	83	83	83	84	85	84
500-206977-2	B-6	85	85	84	83	83	83	84	84
500-206977-3	B-11	89	87	86	82	86	85	79	86
500-206977-4	MW-11	87	86	86	84	86	83	81	91
500-206977-5	MW-12	91	90	95	93	90	91	87	88
500-206977-6	PZ-12	97	97	89	90	90	92	94	90
500-206977-7	PZ-12 DUP	93	96	93	87	89	91	85	92
500-206977-8	FB-01	94	98	101	100	104	96	94	102
500-206977-9	EB-01	94	95	98	96	101	94	92	89
500-206977-10	MW-1	91	91	90	90	88	89	88	93
500-206977-11	MW-2	81	81	85	82	84	80	78	80
500-206977-12	PZ-10	93	93	92	96	96	91	89	94
500-206977-13	MW-10	88	91	89	84	86	85	85	92
500-206977-14	PZ-5	87	88	86	86	89	90	88	94
500-206977-15	PZ-5 DUP	84	83	83	81	85	83	82	85
500-206977-16	MW-5	91	91	86	86	93	85	84	85
500-206977-17	OMPZ-4	81	82	84	79	80	81	81	88
500-206977-18	FB-03	99	98	99	98	100	98	99	104
500-206977-19	EB-03	98	96	95	92	98	92	96	101
500-206977-21	B-5A	89	91	92	88	94	90	92	98
500-206977-22	B-9	92	90	88	81	86	84	82	91
500-206977-23	B-12	91	91	91	90	98	91	85	89
500-206977-24	PZ-13	91	90	90	87	90	86	83	94
500-206977-25	MW-13	83	84	81	80	85	83	83	82
500-206977-26	PZ-14	100	95	103	101	103	102	102	103
500-206977-27	MW-14	96	93	95	94	98	97	93	88
500-206977-28	EB-02	96	77	93	82	84	81	81	88
500-206977-29	FB-02	100	84	98	90	88	85	94	95
500-206977-30	MW-9	99	99	103	99	102	99	95	99
500-206977-31	OMPZ-3	92	91	91	90	95	95	94	99
500-206977-32	PZ-8	94	98	99	95	100	98	95	99
500-206977-33	MW-8	92	94	97	95	99	99	93	92
500-206977-33 MS	MW-8	93	95	93	90	92	90	93	91
500-206977-33 MSD	MW-8	90	93	94	93	97	90	86	85
500-206977-34	PZ-9	97	97	95	97	102	100	96	92
500-206977-35	FB-04	94	83	94	83	89	84	88	94
500-206977-36	EB-04	99	83	105	93	100	91	90	97
500-206977-37	MW-9 DUP	85	86	92	91	89	88	82	91
LCS 320-535204/2-A	Lab Control Sample	105	109	99	94	102	92	98	107
LCS 320-535207/2-A	Lab Control Sample	106	106	100	103	105	99	104	109
LCS 320-535545/2-A	Lab Control Sample	96	82	100	84	92	88	87	90
LCSD 320-535204/3-A	Lab Control Sample Dup	91	92	89	89	90	86	91	91
LCSD 320-535545/3-A	Lab Control Sample Dup	89	83	102	89	88	91	85	84
MB 320-535204/1-A	Method Blank	99	99	100	94	99	90	93	99
MB 320-535207/1-A	Method Blank	99	104	98	97	102	96	98	105
MB 320-535545/1-A	Method Blank	93	88	109	91	91	97	87	85

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)
500-206977-1	B-5	71	71	77	80	108	98	99	87

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)							
		dMeFOSA (10-150)	dEtFOSA (10-150)	NFMF (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-206977-2	B-6	74	73	78	81	119	103	115	88
500-206977-3	B-11	75	76	83	85	122	108	98	91
500-206977-4	MW-11	74	76	83	84	117	107	106	93
500-206977-5	MW-12	78	80	84	86	125	110	112	96
500-206977-6	PZ-12	82	82	88	92	117	111	103	95
500-206977-7	PZ-12 DUP	83	78	90	93	111	107	111	97
500-206977-8	FB-01	69	73	85	93	119	118	122	102
500-206977-9	EB-01	71	72	88	92	118	114	134	104
500-206977-10	MW-1	79	81	84	88	123	111	113	97
500-206977-11	MW-2	70	70	73	78	105	100	102	83
500-206977-12	PZ-10	81	80	84	90	113	105	114	100
500-206977-13	MW-10	73	74	81	85	128	108	108	93
500-206977-14	PZ-5	76	76	86	87	114	109	104	93
500-206977-15	PZ-5 DUP	70	71	80	82	117	97	102	91
500-206977-16	MW-5	73	74	80	85	110	108	103	90
500-206977-17	OMPZ-4	71	70	80	84	125	109	104	89
500-206977-18	FB-03	76	74	89	91	124	120	114	105
500-206977-19	EB-03	77	77	91	90	122	117	116	99
500-206977-21	B-5A	78	80	80	87	118	113	113	89
500-206977-22	B-9	74	76	80	84	115	99	103	90
500-206977-23	B-12	78	77	85	88	127	105	107	92
500-206977-24	PZ-13	73	73	81	84	109	98	101	94
500-206977-25	MW-13	74	72	79	83	112	103	105	89
500-206977-26	PZ-14	84	82	88	91	132	124	119	103
500-206977-27	MW-14	80	81	84	88	128	116	123	95
500-206977-28	EB-02	81	81	77	70	116	88	97	113
500-206977-29	FB-02	83	83	75	73	119	93	105	115
500-206977-30	MW-9	87	85	90	94	137	125	128	108
500-206977-31	OMPZ-3	80	78	85	89	115	105	116	97
500-206977-32	PZ-8	84	85	86	92	119	118	114	101
500-206977-33	MW-8	82	83	86	91	124	116	117	102
500-206977-33 MS	MW-8	81	76	87	89	114	109	111	98
500-206977-33 MSD	MW-8	84	83	86	89	113	108	111	98
500-206977-34	PZ-9	86	85	90	94	123	110	111	101
500-206977-35	FB-04	79	79	80	71	112	85	93	122
500-206977-36	EB-04	88	89	81	74	125	101	110	122
500-206977-37	MW-9 DUP	74	71	79	81	114	101	101	89
LCS 320-535204/2-A	Lab Control Sample	84	87	95	101	119	110	109	104
LCS 320-535207/2-A	Lab Control Sample	86	86	96	99	131	126	124	105
LCS 320-535545/2-A	Lab Control Sample	87	81	70	68	104	89	98	108
LCSD 320-535204/3-A	Lab Control Sample Dup	75	78	87	89	115	109	103	98
LCSD 320-535545/3-A	Lab Control Sample Dup	72	68	70	68	102	85	101	106
MB 320-535204/1-A	Method Blank	81	80	88	92	115	108	119	96
MB 320-535207/1-A	Method Blank	79	84	92	96	129	114	122	99
MB 320-535545/1-A	Method Blank	83	87	76	76	141	92	106	129

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)
		M102FTS (25-150)
500-206977-1	B-5	101
500-206977-2	B-6	104

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro 20 - Chilton 1690019558

Job ID: 500-206977-1

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-206977-3	B-11	107
500-206977-4	MW-11	101
500-206977-5	MW-12	102
500-206977-6	PZ-12	115
500-206977-7	PZ-12 DUP	114
500-206977-8	FB-01	111
500-206977-9	EB-01	117
500-206977-10	MW-1	109
500-206977-11	MW-2	94
500-206977-12	PZ-10	104
500-206977-13	MW-10	102
500-206977-14	PZ-5	104
500-206977-15	PZ-5 DUP	92
500-206977-16	MW-5	108
500-206977-17	OMPZ-4	96
500-206977-18	FB-03	114
500-206977-19	EB-03	117
500-206977-21	B-5A	108
500-206977-22	B-9	133
500-206977-23	B-12	101
500-206977-24	PZ-13	99
500-206977-25	MW-13	99
500-206977-26	PZ-14	141
500-206977-27	MW-14	112
500-206977-28	EB-02	112
500-206977-29	FB-02	110
500-206977-30	MW-9	119
500-206977-31	OMPZ-3	109
500-206977-32	PZ-8	117
500-206977-33	MW-8	111
500-206977-33 MS	MW-8	105
500-206977-33 MSD	MW-8	96
500-206977-34	PZ-9	102
500-206977-35	FB-04	101
500-206977-36	EB-04	97
500-206977-37	MW-9 DUP	97
LCS 320-535204/2-A	Lab Control Sample	118
LCS 320-535207/2-A	Lab Control Sample	120
LCS 320-535545/2-A	Lab Control Sample	101
LCSD 320-535204/3-A	Lab Control Sample Dup	100
LCSD 320-535545/3-A	Lab Control Sample Dup	91
MB 320-535204/1-A	Method Blank	117
MB 320-535207/1-A	Method Blank	111
MB 320-535545/1-A	Method Blank	104

Surrogate Legend

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

Isotope Dilution Summary

Client: Ramboll US Corporation

Job ID: 500-206977-1

Project/Site: Former Mirro 20 - Chilton 1690019558

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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