

From: Paul Lindquist <PLINDQUIST@ramboll.com>
Sent: Monday, June 7, 2021 4:43 PM
To: Beggs, Tauren R - DNR; Adam Tegen
Cc: Kristin Jones (Kristin.Jones@newellco.com); Kathleen M. McDaniel (kmcDaniel@manitowoc.org); Rodriguez, Gabriel M.; Walton, Katherine S.; 'Witte, Edward'; Jeanne Tarvin; Susan Petrofske; Byers, Harris
Subject: BRRTS #: 02-36-545108 (MIRRO PLT 9 [Former] - LGU)
Attachments: BRRTS No. 02-36-545108_NR 716.14 Data Transmittal.pdf

Hello Tauren and Adam,

Attached for your records is a copy of the data transmittal letter for the soil boring installations completed at the Former Mirro Plant No. 9 facility (BRRTS #02-36-545108) located at 1512 Washington Street in Manitowoc, WI. Please note, a copy of the letter and attachments has been uploaded to the WDNR RR Program Submission Portal.

Thank you and have a great rest of your week.

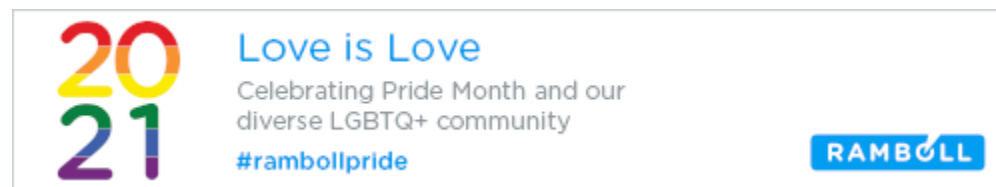
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Sent Via E-Mail

Mr. Tauren Beggs
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

Mr. Adam Tegen
Community Development Director
City of Manitowoc
900 Quay Street
Manitowoc, WI 54220

**NR 716.14 DATA TRANSMITTAL
SOIL BORING INSTALLATION AND ANALYTICAL RESULTS
FORMER MIRRO PLANT NO. 9 FACILITY
1512 WASHINGTON STREET, MANITOWOC, WISCONSIN
WDNR BRRTS NO. 02-36-545108**

Dear Mr. Beggs and Mr. Tegen:

Ramboll US Consulting, Inc. (Ramboll), on behalf of Newell Operating Company (NOC), is providing the Wisconsin Department of Natural Resources (WDNR) and the City of Manitowoc (the "City") with the attached analytical results for the soil boring installations completed at the former Mirro Plant No. 9 facility (the "facility" or the "site"). The soil samples were collected between April 27 and May 6, 2020, in accordance with the approved Site Investigation Work Plan submitted to WDNR on October 14, 2020 and approved on November 17, 2020. A draft figure showing the soil boring locations is attached along with draft tabulated results (Attachment A) and the laboratory analytical report (Attachment B).

Monitoring wells and piezometers installed during soil boring activities were developed approximately one week after installation. A comprehensive groundwater sampling event was conducted the week of May 21st. Ramboll anticipates receiving the May 2021 groundwater sample results the week of June 14th and will submit a NR 716.14 data transmittal two weeks after receipt.

If you have any questions or require additional information, please feel contact us at the numbers listed below.

Yours sincerely,



Paul Lindquist
Managing Consultant

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Jeanne M. Tarvin, PG, CPG
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cc: Kristin Jones, NOC
Kathleen McDaniel, City of Manitowoc
Edward Witte, Godfrey and Kahn
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June 7, 2021

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ATTACHMENT A

TABLE 1A – VOC SOIL ANALYTICAL RESULTS

TABLE 1B – PAH, PCB, AND METAL SOIL ANALYTICAL RESULTS

TABLE 1C – PFAS SOIL ANALYTICAL RESULTS ANALYTICAL RESULTS

TABLE 1D – PFAS FIELD BLANK ANALYTICAL RESULTS

**FIGURE 1 – MONITORING WELLS, PIEZOMETERS, AND SOIL BORING
LOCATIONS**

Table 1A. VOC Soil Analytical Results Compared to WDNR RCLs

Former Mirro Plant No. 9
1512 Washington Street, Manitowoc, WI 54220
FID No.: 436033730 BRRTS No.: 02-36-545108

Station Name	Sample ID	Sample Depth (feet BGS)	Sample Date	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC						
				1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total ¹	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyltoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane			
	Reporting Units:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
Soil-to-Groundwater Pathway RCL (DF 2):				0.0534	0.1402	0.0002	0.0032	0.4834	0.005	NS	NS	0.0519	0.408	NS	NS	1.3787	0.0002	0.0000282	1.168	0.0028	0.00332	1.1528	NS	0.144	NS	NS	NS	NS	0.0051	NS	NS	0.0003	0.0023	0.0051			
WI Soil Industrial DC RCLs:				12.3	640	3.6	7.01	22.2	1,190	NS	934	0.109	113	219	182	182	0.0923	0.221	376	2.87	15	297	1,490	16.4	191	907	253	162	7.07	679	906	1.83	113	43			
<u>WI Soil Non-Industrial DC RCLs:</u>				<u>2.78</u>	<u>640</u>	<u>0.81</u>	<u>1.59</u>	<u>5.06</u>	<u>320</u>	<u>NS</u>	<u>62.6</u>	<u>0.0051</u>	<u>24</u>	<u>219</u>	<u>182</u>	<u>182</u>	<u>0.0075</u>	<u>0.05</u>	<u>376</u>	<u>0.652</u>	<u>3.4</u>	<u>297</u>	<u>1,490</u>	<u>3.74</u>	<u>191</u>	<u>907</u>	<u>253</u>	<u>162</u>	<u>1.6</u>	<u>342</u>	<u>216</u>	<u>0.418</u>	<u>25.4</u>	<u>9.6</u>			
SB-222	SB-222 (2-4)	2 - 4	05/03/2021	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.138	<0.350	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.069	<0.210		
Total Number of Samples Analyzed:				55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55		
Number of Detections:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Min:				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Max:				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Soil-to-Groundwater Pathway RCL (DF 2):				0.0534	0.1402	0.0002	0.0032	0.4834	0.005	NS	NS	0.0519	0.408	NS	NS	1.3787	0.0002	2.82E-05	1.168	0.0028	0.00332	1.1528	NS	0.144	NS	NS	NS	NS	0.0051	NS	NS	0.0003	0.0023	0.0051			
Number of Samples that Exceed GW Pathway RCL (DF 2):				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WI Soil Industrial DC RCLs:				12.3	640	3.6	7.01	22.2	1,190	NS	934	0.109	113	219	182	182	0.0923	0.221	376	2.87	15	297	1,490	16.4	191	907	253	162	7.07	679	906	1.83	113	43			
Number of Samples that Exceed Industrial DC RCLs:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>WI Soil Non-Industrial DC RCLs:</u>				<u>2.78</u>	<u>640</u>	<u>0.81</u>	<u>1.59</u>	<u>5.06</u>	<u>320</u>	<u>NS</u>	<u>62.6</u>	<u>0.0051</u>	<u>24</u>	<u>219</u>	<u>182</u>	<u>182</u>	<u>0.0075</u>	<u>0.05</u>	<u>376</u>	<u>0.652</u>	<u>3.4</u>	<u>297</u>	<u>1,490</u>	<u>3.74</u>	<u>191</u>	<u>907</u>	<u>253</u>	<u>162</u>	<u>1.6</u>	<u>342</u>	<u>216</u>	<u>0.418</u>	<u>25.4</u>	<u>9.6</u>			
Number of Samples that Exceed Non-Industrial DC RCLs:				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:
Italic exceeds the Soil-to-Groundwater Pathway RCL (DF 2)
Bold exceeds the WI Soil Industrial DC RCLs
Underline exceeds the WI Soil Non-Industrial DC RCLs
Gray Text analyte not detected
Soil Industrial Direct Contact RCLs were compared to soil results collected 0 to 4 feet BGS.
Soil-to-Groundwater Pathway RCLs were compared to all soil results.
Statistics exclude the quality control field duplicate samples (DUPS).

Results & Flags:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Estimated Concentration
NA = Not Applicable

Acronyms:
BGS = Below ground surface
BRRTS = Bureau for Remediation and Redevelopment Tracking System
DC (or D-C) = Direct-Contact
DF 2 = Dilution Factor of 2
DUP = Quality Control Field Duplicate Sample
FID = facility identification number
GW = groundwater
mg/kg = milligrams per kilogram
NS = No Standard
RCL = Soil Residual Contaminant Level
USGS = United States Geological Survey
VOC = Volatile Organic Compound
WDNR = Wisconsin Department of Natural Resources
WI = Wisconsin

Superscript Notes:
1. Total Trimethylbenzenes were calculated by Ramboll as follows:
a. Where no detections were observed, the sum of the reporting limits is presented.
b. Where detections were observed, only the detected results were added together for the total summation.
c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.



Table 1A. VOC Soil Analytical Results Compared to WDNR RCLs

Former Mirro Plant No. 9
1512 Washington Street, Manitowoc, WI 54220
FID No.: 436033730 BRRTS No.: 02-36-545108

Table with 30 columns for VOCs and 4 columns for Station Name, Sample ID, Sample Depth, and Sample Date. Rows include reporting units (Soil-to-Groundwater Pathway RCL, WI Soil Industrial DC RCLs, WI Soil Non-Industrial DC RCLs) and numerous individual sample results (e.g., MW-224, SB-200, SB-201, etc.).



Table 1A. VOC Soil Analytical Results Compared to WDNR RCLs

Former Mirro Plant No. 9
1512 Washington Street, Manitowoc, WI 54220
FID No.: 436033730 BRRTS No.: 02-36-545108

Main data table with columns for Station Name, Sample ID, Sample Depth, Sample Date, and 28 VOC analytes (Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, Ethylbenzene, Freon 12, Hexachlorobutadiene, Isopropyl ether, Isopropylbenzene, Methylene chloride (Dichloromethane, DCM), Methyl-tert-butyl-ether, Naphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total). Rows include reporting units, Soil-to-Groundwater Pathway RCL (DF 2), WI Soil Industrial DC RCLs, WI Soil Non-Industrial DC RCLs, and individual sample results (e.g., SB-222, SB-223, SB-231A, SB-232, SB-233, SB-234).

Summary table with columns for various metrics: Total Number of Samples Analyzed, Number of Detections, Min, Max, Soil-to-Groundwater Pathway RCL (DF 2), Number of Samples that Exceed GW Pathway RCL (DF 2), WI Soil Industrial DC RCLs, Number of Samples that Exceed Industrial DC RCLs, WI Soil Non-Industrial DC RCLs, Number of Samples that Exceed Non-Industrial DC RCLs.

Notes:
Italic exceeds the Soil-to-Groundwater Pathway RCL (DF 2)
Bold exceeds the WI Soil Industrial DC RCLs
Underline exceeds the WI Soil Non-Industrial DC RCLs
Gray Text analyte not detected

Results & Flags:
-- = Analysis not performed
< = Concentration is less than reported limit
J = Estimated Concentration
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Acronyms:
BGS = Below ground surface
BRRTS = Bureau for Remediation and Redevelopment Tracking System
DC (or D-C) = Direct-Contact
DF 2 = Dilution Factor of 2
DUP = Quality Control Field Duplicate Sample
FID = facility identification number
GW = groundwater
mg/kg = milligrams per kilogram
NS = No Standard
RCL = Soil Residual Contaminant Level
USGS = United States Geological Survey
VOC = Volatile Organic Compound
WDNR = Wisconsin Department of Natural Resources
WI = Wisconsin

Soil Industrial Direct Contact RCLs were compared to soil results collected 0 to 4 feet BGS.
Soil-to-Groundwater Pathway RCLs were compared to all soil results.
Statistics exclude the quality control field duplicate samples (DUPS).
Screening Levels:
Screening criteria are derived from the WDNR NR720 Soil RR (Remediation and Redevelopment Program) RCLs last updated December 2018.
Groundwater Pathway RCLs are based on a Dilution Factor of 2 (DF 2).

Superscript Notes:
1. Total Trimethylbenzenes were calculated by Ramboll as follows:
a. Where no detections were observed, the sum of the reporting limits is presented.
b. Where detections were observed, only the detected results were added together for the total summation.
c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.

[O:CMD 5/27/2021, C:MMJ 6/2/2021]

Table 1B. PAH, PCB and Metal Soil Analytical Results Compared to WDNR RCLs

Former Mirro Plant No. 9
 1512 Washington Street, Manitowoc, WI 54220
 FID No.: 436033730 BRRTS No.: 02-36-545108

Station Name	Sample ID	Sample Depth (feet BGS)	Sample Date	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal			
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a,h)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	PCB Total ¹	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Aluminum, Total	Antimony, Total	Arsenic, Total	Barium, Total	Cadmium, Total ²	Chromium, Total ³	Copper, Total	Iron, Total	Lead, Total	Manganese, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total			
Reporting Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
WI Soil BTV:				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	28,721	NS	8.3	364	1	44	35	34,314	52	2,937	NS	31	NS	NS	NS	NS					
Soil-to-Groundwater Pathway RCL (DF 2):				NS	NS	NS	NS	196,9492	NS	0.47	0.4781	NS	NS	0.1442	NS	88,8778	14,8299	NS	0.6582	NS	54,5455	0.0094	NS	NS	NS	NS	NS	NS	600	0.542	0.584	164.8	0.752	360,000	91.6	NS	27	39,1244	0.208	13,0612	0.52	0.8491	0.284			
WI Soil Industrial DC RCLs:				72.7	3,010	45,200	NS	100,000	20.8	2.11	21.1	NS	211	2,110	2.11	30,100	30,100	21.1	24.1	NS	22,600	NS	28	0.883	0.792	0.972	0.975	0.988	1	100,000	467	3.0	100,000	985	100,000	46,700	800	25,900	3.13	22,500	5,840	5,840	11.7			
WI Soil Non-Industrial DC RCLs:				17.6	239	3,590	NS	17,900	1.14	0.115	1.15	NS	11.5	115	0.115	2,390	2,390	1.15	5.52	NS	1,790	NS	4.11	0.213	0.19	0.235	0.236	0.239	0.243	77,500	31.3	0.677	15,300	71.1	100,000	3,130	54,800	400	1,830	3.13	1,550	391	391	0.782		



Table 1D. PFAS Field Blank Analytical Results

Former Mirro Plant No. 9
 1512 Washington Street, Manitowoc, WI 54220
 FID No.: 436033730 BRRTS No.: 02-36-545108

Station Name	Sample ID	Sample Date	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS		
			Perfluorooctanesulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	11-chloroicosafafluoro-3-oxaundecane-1-sulfonic acid	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	4:2 Fluorotelomer sulfonic acid	6:2 Fluorotelomer sulfonic acid	8:2 Fluorotelomer sulfonic acid	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	HFPO-DA (GenX)	NEFOSA	NEFOSAA	NEFOSE	NMeFOSA	NMeFOSAA	NMeFOSE	Perfluorobutanesulfonic acid (PFBS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanesulfonic acid (PFDS)	Perfluorodecanoic acid (PFDA)	Perfluorododecanesulfonic acid (PFDoS)	Perfluorododecanoic acid (PFDoA)	Perfluoroheptanesulfonic Acid (PFHpS)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanesulfonic acid (PFHS)	Perfluorohexanoic acid (PFHxA)	Perfluorononanesulfonic acid (PNFS)	Perfluorononanoic acid (PFNA)	Perfluorooctanesulfonamide (FOSA)	Perfluoropentanesulfonic acid (PFPeS)	Perfluoropentanoic acid (PFPeA)	Perfluorotetra-decanoic acid (PFTEA)	Perfluorotridecanoic acid (PFTriA)	Perfluoroundecanoic acid (PFUnA)			
Reporting Units:			ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	
Field Blank	FB-01-210427	4/27/21	<1.6	<1.6	<1.6	<1.6	<1.6	<4	<1.6	<1.6	<3.2	<1.6	<4	<1.6	<4	<3.2	<1.6	<4	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	
Field Blank	FB-02-210428	4/28/21	<1.8	<1.8	<1.8	<1.8	<4.4	<1.8	<1.8	<3.6	<1.8	<4.4	<1.8	<1.8	<4.4	<3.6	<1.8	<4.4	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Field Blank	FB-03-210503	5/03/21	<1.7	<1.7	<1.7	<1.7	<4.3	<1.7	<1.7	<3.4	<1.7	<4.3	<1.7	<1.7	<4.3	<3.4	<1.7	<4.3	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Field Blank	FB-04-210504	5/04/21	<1.8	<1.8	<1.8	<1.8	<4.5	<1.8	<1.8	<3.6	<1.8	<4.5	<1.8	<1.8	<4.5	<3.6	<1.8	<4.5	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Field Blank	FB-05-210505	5/05/21	<1.8	<1.8	<1.8	<1.8	<4.5	<1.8	<1.8	<3.6	<1.8	<4.5	<1.8	<1.8	<4.5	<3.6	<1.8	<4.5	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Field Blank	FB-06-210506	5/06/21	0.66 J	<1.9	<1.9	<1.9	<4.7	<1.9	<1.9	<3.8	<1.9	<4.7	<1.9	<1.9	<4.7	<3.8	<1.9	<4.7	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9

[O:CMD 5/27/2021, C: MJM 6/2/2021]

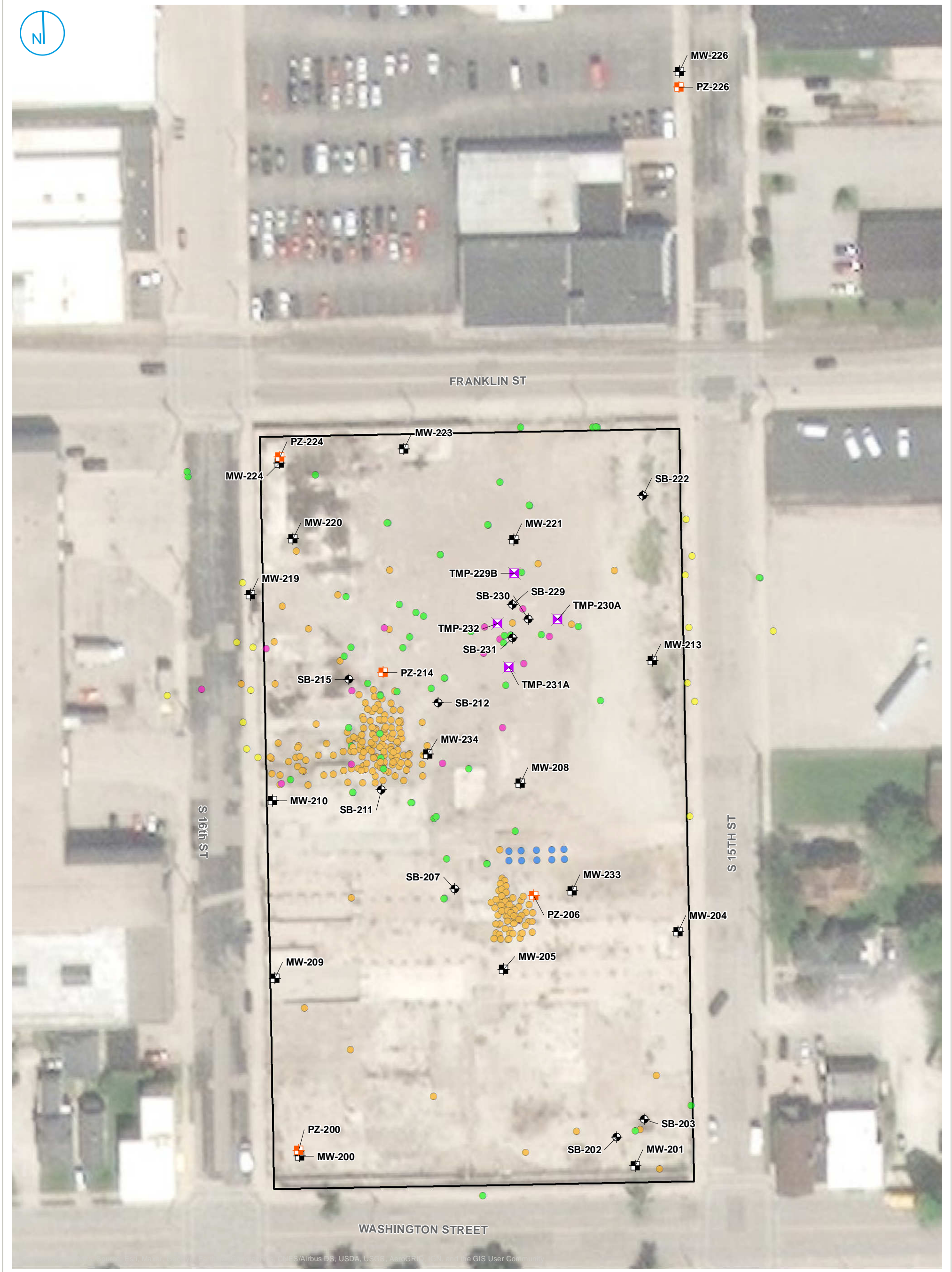
Notes:
 analyte not detected

Results & Flags:
 < = Concentration is less than reported limit
 J = Estimated Concentration

Acronyms:
 BRRTS = Bureau for Remediation and Redevelopment Tracking System
 FID = facility identification number
 ng/L = nanogram per liter
 PFAS = Per- and polyfluoroalkyl substances
 WDNR = Wisconsin Department of Natural Resources
 WI = Wisconsin

Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.





MONITORING WELLS, PIEZOMETERS, AND SOIL BORING LOCATIONS

FIGURE 1

- PROPERTY BOUNDARY
 - MONITORING WELL
 - PIEZOMETER
 - SOIL BORING
 - TEMPORARY MONITORING POINT
-
- HISTORICAL SAMPLING LOCATION (BY CONSULTANT)**
 - AECOM
 - NORTHERN ENVIRONMENTAL
 - STANTEC
 - SYMBIONT
 - TETRA TECH

0 32.5 65
Feet

FORMER MIRRO PLANT NO. 9
MANITOWOC, WISCONSIN

RAMBOLL US CONSULTING, INC.





ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

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

Laboratory Job ID: 500-198518-1

Client Project/Site: Former Mirro Plant No 9 - 1690019647

For:

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

Attn: Liz Borucki



*Authorized for release by:
5/17/2021 8:59:38 AM*

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

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.



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Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Job ID: 500-198518-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-198518-1

Comments

No additional comments.

Receipt

The samples were received on 5/1/2021 9:40 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 2.6° C, 3.4° C and 4.6° C.

Receipt Exceptions

Samples #26-28 Trip Blanks are listed as waters, received MeOH vov vials. Logged as solids.

GC/MS VOA

Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. SB-200 (2-3) (500-198518-1), SB-214 (2-3) (500-198518-2), SB-214 (7-8) (500-198518-3) and SB-214 (10-11) (500-198518-4)

Method 8260B: The laboratory control sample (LCS) for 596558 recovered outside control limits for Dichlorodifluoromethane. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable for this compound, and the data have been reported. SB-200 (2-3) (500-198518-1), SB-214 (2-3) (500-198518-2), SB-214 (7-8) (500-198518-3), SB-214 (10-11) (500-198518-4), SB-201 (3-4) (500-198518-6), DUP-01-210428 (500-198518-7), SB-204 (2-3) (500-198518-13), SB-204 (6-7) (500-198518-14), MW-224 (3-4) (500-198518-17), DUP-02-210429 (500-198518-18), MW-224 (10-11) (500-198518-19) and TB-01-210430 (500-198518-26)

Method 8260B: The laboratory control sample (LCS) for 598070 recovered outside control limits for 6 analytes. These analytes were biased high in the LCS and were below the reporting limit in the associated samples; therefore, the data have been reported. SB-201 (3-4) (500-198518-6), DUP-01-210428 (500-198518-7), SB-201 (5-6) (500-198518-8), SB-204 (2-3) (500-198518-13), SB-204 (6-7) (500-198518-14), SB-204 (10-11) (500-198518-15), MW-224 (3-4) (500-198518-17), DUP-02-210429 (500-198518-18), MW-224 (10-11) (500-198518-19), MW-224 (12-13) (500-198518-20), DUP-03-210429 (500-198518-21), SB-223 (3-4) (500-198518-22), SB-223 (11-12) (500-198518-23), DUP-04-210429 (500-198518-24) and SB-223 (17-18) (500-198518-25)

Method 8260B: The laboratory control sample (LCS) for 596559 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This is a prepped 5035 LCS. This compound was below the reporting in the impacted samples, and the data have been reported. TB-02-210430 (500-198518-27) and TB-03-210430 (500-198518-28)

Method 8260B: The laboratory control sample (LCS) for 597647 recovered outside control limits for 1,2-dibromo-3-Chloropropane. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported. (LCS 500-596559/22-A)

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.

GC Semi VOA

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: SB-200 (2-3) (500-198518-1), SB-214 (2-3) (500-198518-2), SB-214 (7-8) (500-198518-3), SB-214 (10-11) (500-198518-4), SB-201 (3-4) (500-198518-6), DUP-01-210428 (500-198518-7), SB-201 (5-6) (500-198518-8), SB-204 (2-3) (500-198518-13), SB-204 (6-7) (500-198518-14), SB-204 (10-11) (500-198518-15), MW-224 (3-4) (500-198518-17), DUP-02-210429 (500-198518-18), MW-224 (10-11) (500-198518-19), MW-224 (12-13) (500-198518-20) and (CCVIS 500-598210/1). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: SB-201 (3-4) (500-198518-6) and MW-224 (12-13) (500-198518-20). The reagent lot number used was: Q27G043.

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Job ID: 500-198518-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

present are quantified as the predominant Aroclor PCB-1260: SB-214 (2-3) (500-198518-2).

No additional analytical or quality issues were noted, other than those described above or 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): Several Isotope Dilution Analyte (IDA) recoveries are above the method recommended limit for the following sample: SB-214 (2-3) (500-198518-2). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analytes was outside of the established ratio limits. The qualitative identification of the analytes has some degree of uncertainty, and the reported values may have some high bias. However, analyst judgment was used to positively identify the analytes. (CCVL 320-487411/2)

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 value may have some high bias. However, analyst judgment was used to positively identify the analyte. (CCB 320-487759/1)

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

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-486403. Method: 3535_PFC 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 Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-200 (2-3)

Lab Sample ID: 500-198518-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4900	F2	23	9.4	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.48	J F1 F2	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.8		1.1	0.39	mg/Kg	1	☼	6010B	Total/NA
Barium	22		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.041	J	0.23	0.041	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.8		1.1	0.57	mg/Kg	1	☼	6010B	Total/NA
Copper	13		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Iron	9100		23	12	mg/Kg	1	☼	6010B	Total/NA
Lead	6.5		0.57	0.26	mg/Kg	1	☼	6010B	Total/NA
Manganese	180	F1	1.1	0.17	mg/Kg	1	☼	6010B	Total/NA
Nickel	11		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.68	J	1.1	0.57	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.029		0.018	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-214 (2-3)

Lab Sample ID: 500-198518-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	37		36	6.6	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	5.9	J	36	4.8	ug/Kg	1	☼	8270D	Total/NA
Anthracene	37		36	6.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	660		36	4.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	640		36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1200		36	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	440		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	420		36	11	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1100		36	10	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	150		36	7.1	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	930		36	6.8	ug/Kg	1	☼	8270D	Total/NA
Fluorene	13	J	36	5.2	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	400		36	9.5	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	68	J	74	9.0	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	64	J	74	6.8	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	50		36	5.7	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	260		36	5.1	ug/Kg	1	☼	8270D	Total/NA
Pyrene	760		36	7.3	ug/Kg	1	☼	8270D	Total/NA
PCB-1260	13	J	18	9.0	ug/Kg	1	☼	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.33		0.22	0.094	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.024	J	0.22	0.024	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	7400		22	9.1	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.48	J	2.2	0.43	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.9		1.1	0.38	mg/Kg	1	☼	6010B	Total/NA
Barium	41		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.11	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.7		1.1	0.55	mg/Kg	1	☼	6010B	Total/NA
Copper	51		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Iron	9900		22	12	mg/Kg	1	☼	6010B	Total/NA
Lead	28		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Manganese	360		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	11		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Silver	0.37	J	0.56	0.14	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.60	J	1.1	0.56	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (2-3) (Continued)

Lab Sample ID: 500-198518-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.016	J	0.017	0.0058	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-214 (7-8)

Lab Sample ID: 500-198518-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	9.4	J	35	5.0	ug/Kg	1	☒	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	0.20		0.19	0.083	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	3300		20	8.2	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.1		1.0	0.34	mg/Kg	1	☒	6010B	Total/NA
Barium	9.4		1.0	0.11	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.055	J	0.20	0.036	mg/Kg	1	☒	6010B	Total/NA
Chromium	5.6		1.0	0.50	mg/Kg	1	☒	6010B	Total/NA
Copper	9.0		1.0	0.28	mg/Kg	1	☒	6010B	Total/NA
Iron	7000		20	10	mg/Kg	1	☒	6010B	Total/NA
Lead	2.0		0.50	0.23	mg/Kg	1	☒	6010B	Total/NA
Manganese	180		1.0	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	8.2		1.0	0.29	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-214 (10-11)

Lab Sample ID: 500-198518-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.24		0.23	0.097	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	3000		20	8.3	mg/Kg	1	☒	6010B	Total/NA
Arsenic	0.86	J	1.0	0.35	mg/Kg	1	☒	6010B	Total/NA
Barium	9.1		1.0	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.047	J	0.20	0.037	mg/Kg	1	☒	6010B	Total/NA
Chromium	12		1.0	0.50	mg/Kg	1	☒	6010B	Total/NA
Copper	11		1.0	0.28	mg/Kg	1	☒	6010B	Total/NA
Iron	7000		20	11	mg/Kg	1	☒	6010B	Total/NA
Lead	2.2		0.51	0.24	mg/Kg	1	☒	6010B	Total/NA
Manganese	170		1.0	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	8.1		1.0	0.30	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: FB-01-210427

Lab Sample ID: 500-198518-5

No Detections.

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	18	J	41	5.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	11	J	41	7.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	15	J	41	8.8	ug/Kg	1	☒	8270D	Total/NA
Chrysene	15	J	41	11	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	19	J	41	7.6	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	8.7	J	41	5.7	ug/Kg	1	☒	8270D	Total/NA
Pyrene	23	J	41	8.1	ug/Kg	1	☒	8270D	Total/NA
Aluminum	12000		22	8.8	mg/Kg	1	☒	6010B	Total/NA
Arsenic	3.2		1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	46		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.061	J	0.22	0.039	mg/Kg	1	☒	6010B	Total/NA
Chromium	22		1.1	0.53	mg/Kg	1	☒	6010B	Total/NA
Copper	17		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (3-4) (Continued)

Lab Sample ID: 500-198518-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	19000		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	8.0		0.54	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	250		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	22		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Silver	0.42	J	0.54	0.14	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.95	J	1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.049		0.018	0.0061	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	12	J	41	5.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	11	J	41	8.0	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	13	J	41	8.9	ug/Kg	1	☒	8270D	Total/NA
Chrysene	13	J	41	11	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	19	J	41	7.6	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	10	J	41	5.7	ug/Kg	1	☒	8270D	Total/NA
Pyrene	18	J	41	8.2	ug/Kg	1	☒	8270D	Total/NA
Aluminum	9900		23	9.6	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.2		1.2	0.40	mg/Kg	1	☒	6010B	Total/NA
Barium	44		1.2	0.13	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.092	J	0.23	0.042	mg/Kg	1	☒	6010B	Total/NA
Chromium	17		1.2	0.58	mg/Kg	1	☒	6010B	Total/NA
Copper	14		1.2	0.33	mg/Kg	1	☒	6010B	Total/NA
Iron	14000		23	12	mg/Kg	1	☒	6010B	Total/NA
Lead	17		0.59	0.27	mg/Kg	1	☒	6010B	Total/NA
Manganese	290		1.2	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	17		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA
Silver	0.24	J	0.59	0.15	mg/Kg	1	☒	6010B	Total/NA
Thallium	1.0	J	1.2	0.59	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.055		0.020	0.0066	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.24	0.10	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	2700		21	8.5	mg/Kg	1	☒	6010B	Total/NA
Arsenic	0.65	J	1.0	0.36	mg/Kg	1	☒	6010B	Total/NA
Barium	9.4		1.0	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.038	J	0.21	0.038	mg/Kg	1	☒	6010B	Total/NA
Chromium	5.8		1.0	0.52	mg/Kg	1	☒	6010B	Total/NA
Copper	8.1		1.0	0.29	mg/Kg	1	☒	6010B	Total/NA
Iron	5200		21	11	mg/Kg	1	☒	6010B	Total/NA
Lead	2.2		0.52	0.24	mg/Kg	1	☒	6010B	Total/NA
Manganese	140		1.0	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	7.5		1.0	0.30	mg/Kg	1	☒	6010B	Total/NA
Silver	0.17	J	0.52	0.13	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.16	J	0.24	0.10	ug/Kg	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 Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (2-3) (Continued)

Lab Sample ID: 500-198518-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.47	J	0.59	0.24	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	7300		24	10	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.0		1.2	0.42	mg/Kg	1	☼	6010B	Total/NA
Barium	55		1.2	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.099	J	0.24	0.044	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.2	0.60	mg/Kg	1	☼	6010B	Total/NA
Copper	15		1.2	0.34	mg/Kg	1	☼	6010B	Total/NA
Iron	12000		24	13	mg/Kg	1	☼	6010B	Total/NA
Lead	17		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Manganese	610		1.2	0.18	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Silver	0.19	J	0.61	0.16	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.90	J	1.2	0.61	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.027		0.019	0.0064	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-203 (6-7)

Lab Sample ID: 500-198518-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.16	J	0.21	0.092	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.24	J	0.54	0.21	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	4600		22	8.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.76	J	1.1	0.37	mg/Kg	1	☼	6010B	Total/NA
Barium	23		1.1	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.076	J	0.22	0.039	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.9		1.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Copper	11		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Iron	6500		22	11	mg/Kg	1	☼	6010B	Total/NA
Lead	3.3		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Manganese	160		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	9.8		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Silver	0.15	J	0.55	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-202 (2-3)

Lab Sample ID: 500-198518-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.10	J	0.24	0.10	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	6000		22	9.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.8		1.1	0.38	mg/Kg	1	☼	6010B	Total/NA
Barium	41		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.046	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		1.1	0.55	mg/Kg	1	☼	6010B	Total/NA
Copper	14		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		22	12	mg/Kg	1	☼	6010B	Total/NA
Lead	4.1		0.56	0.26	mg/Kg	1	☼	6010B	Total/NA
Manganese	560		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Silver	0.14	J	0.56	0.14	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.0	J	1.1	0.56	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.014	J	0.018	0.0062	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (6-7)

Lab Sample ID: 500-198518-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4200		23	9.3	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.3		1.1	0.39	mg/Kg	1	☒	6010B	Total/NA
Barium	13		1.1	0.13	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.061	J	0.23	0.041	mg/Kg	1	☒	6010B	Total/NA
Chromium	7.0		1.1	0.56	mg/Kg	1	☒	6010B	Total/NA
Copper	11		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Iron	6200		23	12	mg/Kg	1	☒	6010B	Total/NA
Lead	2.6		0.57	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	160		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	16		1.1	0.33	mg/Kg	1	☒	6010B	Total/NA
Selenium	0.76	J	1.1	0.67	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8400		24	9.6	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.9		1.2	0.40	mg/Kg	1	☒	6010B	Total/NA
Barium	36		1.2	0.13	mg/Kg	1	☒	6010B	Total/NA
Chromium	15		1.2	0.58	mg/Kg	1	☒	6010B	Total/NA
Copper	19		1.2	0.33	mg/Kg	1	☒	6010B	Total/NA
Iron	15000		24	12	mg/Kg	1	☒	6010B	Total/NA
Lead	4.9		0.59	0.27	mg/Kg	1	☒	6010B	Total/NA
Manganese	240		1.2	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	15		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA
Silver	0.18	J	0.59	0.15	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.020		0.019	0.0064	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8200		24	9.7	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.2		1.2	0.40	mg/Kg	1	☒	6010B	Total/NA
Barium	32		1.2	0.13	mg/Kg	1	☒	6010B	Total/NA
Chromium	15		1.2	0.58	mg/Kg	1	☒	6010B	Total/NA
Copper	18		1.2	0.33	mg/Kg	1	☒	6010B	Total/NA
Iron	12000		24	12	mg/Kg	1	☒	6010B	Total/NA
Lead	4.4		0.59	0.27	mg/Kg	1	☒	6010B	Total/NA
Manganese	210		1.2	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	15		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA
Silver	0.23	J	0.59	0.15	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.62	J	1.2	0.59	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.015	J	0.021	0.0068	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	5100		24	9.8	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.5		1.2	0.41	mg/Kg	1	☒	6010B	Total/NA
Barium	17		1.2	0.14	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.072	J	0.24	0.043	mg/Kg	1	☒	6010B	Total/NA
Chromium	8.6		1.2	0.60	mg/Kg	1	☒	6010B	Total/NA
Copper	14		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (10-11) (Continued)

Lab Sample ID: 500-198518-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	7600		24	13	mg/Kg	1	☒	6010B	Total/NA
Lead	3.4		0.60	0.28	mg/Kg	1	☒	6010B	Total/NA
Manganese	190		1.2	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	12		1.2	0.35	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.0099	J	0.020	0.0067	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: FB-02-210428

Lab Sample ID: 500-198518-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.63	J	1.8	0.52	ng/L	1		537 (modified)	Total/NA

Client Sample ID: MW-224 (3-4)

Lab Sample ID: 500-198518-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	15	J *+	26	8.4	ug/Kg	50	☒	8260B	Total/NA
Benzo[a]anthracene	18	J	35	4.7	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	16	J	35	6.8	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	23	J	35	7.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	16	J	35	11	ug/Kg	1	☒	8270D	Total/NA
Chrysene	24	J	35	9.5	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	27	J	35	6.5	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	35	9.1	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	29	J	71	8.5	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	15	J	35	4.9	ug/Kg	1	☒	8270D	Total/NA
Pyrene	26	J	35	6.9	ug/Kg	1	☒	8270D	Total/NA
Aluminum	3400		21	8.6	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.5		1.0	0.36	mg/Kg	1	☒	6010B	Total/NA
Barium	50		1.0	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.20	J	0.21	0.038	mg/Kg	1	☒	6010B	Total/NA
Chromium	5.7		1.0	0.52	mg/Kg	1	☒	6010B	Total/NA
Copper	24		1.0	0.29	mg/Kg	1	☒	6010B	Total/NA
Iron	6900		21	11	mg/Kg	1	☒	6010B	Total/NA
Lead	22		0.52	0.24	mg/Kg	1	☒	6010B	Total/NA
Manganese	140		1.0	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	7.5		1.0	0.31	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.015	J	0.017	0.0056	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: DUP-02-210429

Lab Sample ID: 500-198518-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	12	J	34	4.6	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	14	J	34	6.6	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	19	J	34	7.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	12	J	34	11	ug/Kg	1	☒	8270D	Total/NA
Chrysene	24	J	34	9.3	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	24	J	34	6.4	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	34	8.9	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	28	J	69	8.4	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	14	J	34	4.8	ug/Kg	1	☒	8270D	Total/NA
Pyrene	27	J	34	6.8	ug/Kg	1	☒	8270D	Total/NA
Aluminum	3700		18	7.5	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.3		0.92	0.31	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-02-210429 (Continued)

Lab Sample ID: 500-198518-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	61		0.92	0.10	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.18	0.033	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.4		0.92	0.45	mg/Kg	1	☼	6010B	Total/NA
Copper	17		0.92	0.26	mg/Kg	1	☼	6010B	Total/NA
Iron	6900		18	9.5	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.46	0.21	mg/Kg	1	☼	6010B	Total/NA
Manganese	160		0.92	0.13	mg/Kg	1	☼	6010B	Total/NA
Nickel	7.8		0.92	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.011	J	0.017	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2900		21	8.4	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.60	J	1.0	0.35	mg/Kg	1	☼	6010B	Total/NA
Barium	15		1.0	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.052	J	0.21	0.037	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.7		1.0	0.51	mg/Kg	1	☼	6010B	Total/NA
Copper	8.8		1.0	0.29	mg/Kg	1	☼	6010B	Total/NA
Iron	5800		21	11	mg/Kg	1	☼	6010B	Total/NA
Lead	2.9		0.51	0.24	mg/Kg	1	☼	6010B	Total/NA
Manganese	120		1.0	0.15	mg/Kg	1	☼	6010B	Total/NA
Nickel	6.5		1.0	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0076	J	0.017	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	30	J	40	5.7	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	19	J	40	6.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	12	J	40	5.7	ug/Kg	1	☼	8270D	Total/NA
Aluminum	14000		22	8.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.9		1.1	0.37	mg/Kg	1	☼	6010B	Total/NA
Barium	51		1.1	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.049	J	0.22	0.039	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Copper	14		1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		22	11	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.54	0.25	mg/Kg	1	☼	6010B	Total/NA
Manganese	140		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	18		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Silver	0.36	J	0.54	0.14	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.021		0.019	0.0064	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	48		41	7.4	ug/Kg	1	☼	8270D	Total/NA
Fluorene	34	J	41	5.8	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	30	J	41	6.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	15	J	41	5.7	ug/Kg	1	☼	8270D	Total/NA
Aluminum	10000		22	9.1	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-03-210429 (Continued)

Lab Sample ID: 500-198518-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4		1.1	0.38	mg/Kg	1	☒	6010B	Total/NA
Barium	36		1.1	0.13	mg/Kg	1	☒	6010B	Total/NA
Chromium	17		1.1	0.55	mg/Kg	1	☒	6010B	Total/NA
Copper	11		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Iron	12000		22	12	mg/Kg	1	☒	6010B	Total/NA
Lead	5.7		0.55	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	130		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	15		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Silver	0.27	J	0.55	0.14	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.55	J	1.1	0.55	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.035		0.020	0.0068	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	5.7	J	38	5.2	ug/Kg	1	☒	8270D	Total/NA
Aluminum	10000		24	9.8	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.5		1.2	0.41	mg/Kg	1	☒	6010B	Total/NA
Barium	41		1.2	0.14	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.070	J	0.24	0.043	mg/Kg	1	☒	6010B	Total/NA
Chromium	16		1.2	0.59	mg/Kg	1	☒	6010B	Total/NA
Copper	19		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA
Iron	14000		24	12	mg/Kg	1	☒	6010B	Total/NA
Lead	9.4		0.60	0.28	mg/Kg	1	☒	6010B	Total/NA
Manganese	280		1.2	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	18		1.2	0.35	mg/Kg	1	☒	6010B	Total/NA
Silver	0.24	J	0.60	0.15	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.85	J	1.2	0.60	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.050		0.019	0.0065	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7700		22	8.8	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.3		1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	32		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Chromium	12		1.1	0.53	mg/Kg	1	☒	6010B	Total/NA
Copper	16		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA
Iron	11000		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	4.8		0.54	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	240		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	15		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Silver	0.15	J	0.54	0.14	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.76	J	1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.021		0.019	0.0063	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4500		22	8.9	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.7		1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	18		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-04-210429 (Continued)

Lab Sample ID: 500-198518-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	7.5		1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Copper	11		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA
Iron	7600		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	3.7		0.54	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	160		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	9.8		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.012	J	0.017	0.0057	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	8.4	J	44	5.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	16	J	44	6.0	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	17	J	44	8.6	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	23	J	44	9.6	ug/Kg	1	☒	8270D	Total/NA
Chrysene	19	J	44	12	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	34	J	44	8.3	ug/Kg	1	☒	8270D	Total/NA
Fluorene	8.0	J	44	6.3	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	21	J	44	6.8	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	33	J	44	6.2	ug/Kg	1	☒	8270D	Total/NA
Pyrene	34	J	44	8.8	ug/Kg	1	☒	8270D	Total/NA
Aluminum	7200		26	10	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.6		1.3	0.44	mg/Kg	1	☒	6010B	Total/NA
Barium	42		1.3	0.15	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.11	J	0.26	0.046	mg/Kg	1	☒	6010B	Total/NA
Chromium	13		1.3	0.63	mg/Kg	1	☒	6010B	Total/NA
Copper	12		1.3	0.36	mg/Kg	1	☒	6010B	Total/NA
Iron	9700		26	13	mg/Kg	1	☒	6010B	Total/NA
Lead	6.4		0.64	0.30	mg/Kg	1	☒	6010B	Total/NA
Manganese	250		1.3	0.19	mg/Kg	1	☒	6010B	Total/NA
Nickel	12		1.3	0.37	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.91	J	1.3	0.64	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.042		0.022	0.0073	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: TB-01-210430

Lab Sample ID: 500-198518-26

No Detections.

Client Sample ID: TB-02-210430

Lab Sample ID: 500-198518-27

No Detections.

Client Sample ID: TB-03-210430

Lab Sample ID: 500-198518-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	11	J	25	8.2	ug/Kg	50		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
6010B	Metals (ICP)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL 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 Plant No 9 - 1690019647

Job ID: 500-198518-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-198518-1	SB-200 (2-3)	Solid	04/26/21 11:12	05/01/21 09:40	
500-198518-2	SB-214 (2-3)	Solid	04/27/21 10:10	05/01/21 09:40	
500-198518-3	SB-214 (7-8)	Solid	04/27/21 10:12	05/01/21 09:40	
500-198518-4	SB-214 (10-11)	Solid	04/27/21 10:14	05/01/21 09:40	
500-198518-5	FB-01-210427	Water	04/27/21 14:00	05/01/21 09:40	
500-198518-6	SB-201 (3-4)	Solid	04/28/21 12:45	05/01/21 09:40	
500-198518-7	DUP-01-210428	Solid	04/28/21 12:45	05/01/21 09:40	
500-198518-8	SB-201 (5-6)	Solid	04/28/21 12:50	05/01/21 09:40	
500-198518-9	SB-203 (2-3)	Solid	04/28/21 13:45	05/01/21 09:40	
500-198518-10	SB-203 (6-7)	Solid	04/28/21 13:50	05/01/21 09:40	
500-198518-11	SB-202 (2-3)	Solid	04/28/21 14:10	05/01/21 09:40	
500-198518-12	SB-202 (6-7)	Solid	04/28/21 14:15	05/01/21 09:40	
500-198518-13	SB-204 (2-3)	Solid	04/28/21 15:20	05/01/21 09:40	
500-198518-14	SB-204 (6-7)	Solid	04/28/21 15:25	05/01/21 09:40	
500-198518-15	SB-204 (10-11)	Solid	04/28/21 15:30	05/01/21 09:40	
500-198518-16	FB-02-210428	Water	04/28/21 15:40	05/01/21 09:40	
500-198518-17	MW-224 (3-4)	Solid	04/29/21 09:55	05/01/21 09:40	
500-198518-18	DUP-02-210429	Solid	04/29/21 09:55	05/01/21 09:40	
500-198518-19	MW-224 (10-11)	Solid	04/29/21 10:00	05/01/21 09:40	
500-198518-20	MW-224 (12-13)	Solid	04/29/21 10:05	05/01/21 09:40	
500-198518-21	DUP-03-210429	Solid	04/29/21 10:05	05/01/21 09:40	
500-198518-22	SB-223 (3-4)	Solid	04/29/21 12:25	05/01/21 09:40	
500-198518-23	SB-223 (11-12)	Solid	04/29/21 12:30	05/01/21 09:40	
500-198518-24	DUP-04-210429	Solid	04/29/21 12:30	05/01/21 09:40	
500-198518-25	SB-223 (17-18)	Solid	04/29/21 12:35	05/01/21 09:40	
500-198518-26	TB-01-210430	Solid	04/26/21 00:00	05/01/21 09:40	
500-198518-27	TB-02-210430	Solid	04/26/21 00:00	05/01/21 09:40	
500-198518-28	TB-03-210430	Solid	04/26/21 00:00	05/01/21 09:40	

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-200 (2-3)

Lab Sample ID: 500-198518-1

Date Collected: 04/26/21 11:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		23	14	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Bromobenzene	<33		93	33	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Bromochloromethane	<40		93	40	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Bromodichloromethane	<35		93	35	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Bromoform	<45		93	45	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Bromomethane	<74		280	74	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Carbon tetrachloride	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Chlorobenzene	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Chloroethane	<47		93	47	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Chloroform	<34		190	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Chloromethane	<30		93	30	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
2-Chlorotoluene	<29		93	29	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
4-Chlorotoluene	<32		93	32	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
cis-1,2-Dichloroethene	<38		93	38	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
cis-1,3-Dichloropropene	<39		93	39	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Dibromochloromethane	<45		93	45	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,2-Dibromoethane	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Dibromomethane	<25		93	25	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,2-Dichlorobenzene	<31		93	31	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,3-Dichlorobenzene	<37		93	37	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,4-Dichlorobenzene	<34		93	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Dichlorodifluoromethane	<63	*	280	63	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,1-Dichloroethane	<38		93	38	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,2-Dichloroethane	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,1-Dichloroethene	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,2-Dichloropropane	<40		93	40	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,3-Dichloropropane	<34		93	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
2,2-Dichloropropane	<41		93	41	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,1-Dichloropropene	<28		93	28	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Ethylbenzene	<17		23	17	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Hexachlorobutadiene	<41		93	41	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Isopropylbenzene	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Isopropyl ether	<26		93	26	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Methylene Chloride	<150		460	150	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Methyl tert-butyl ether	<37		93	37	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Naphthalene	<31		93	31	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
n-Butylbenzene	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
N-Propylbenzene	<38		93	38	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
p-Isopropyltoluene	<34		93	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
sec-Butylbenzene	<37		93	37	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Styrene	<36		93	36	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
tert-Butylbenzene	<37		93	37	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,1,1,2-Tetrachloroethane	<43		93	43	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
1,1,2,2-Tetrachloroethane	<37		93	37	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Tetrachloroethene	<34		93	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
Toluene	<14		23	14	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
trans-1,2-Dichloroethene	<32		93	32	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50
trans-1,3-Dichloropropene	<34		93	34	ug/Kg	✱	04/26/21 11:12	05/08/21 03:12	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-200 (2-3)

Lab Sample ID: 500-198518-1

Date Collected: 04/26/21 11:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<43		93	43	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,2,4-Trichlorobenzene	<32		93	32	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,1,1-Trichloroethane	<35		93	35	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,1,2-Trichloroethane	<33		93	33	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
Trichloroethene	<15		46	15	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
Trichlorofluoromethane	<40		93	40	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,2,3-Trichloropropane	<38		190	38	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,2,4-Trimethylbenzene	<33		93	33	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
1,3,5-Trimethylbenzene	<35		93	35	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
Vinyl chloride	<24		93	24	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
Xylenes, Total	<20		46	20	ug/Kg	☼	04/26/21 11:12	05/08/21 03:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124				04/26/21 11:12	05/08/21 03:12	50
Dibromofluoromethane (Surr)	94		75 - 120				04/26/21 11:12	05/08/21 03:12	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				04/26/21 11:12	05/08/21 03:12	50
Toluene-d8 (Surr)	101		75 - 120				04/26/21 11:12	05/08/21 03:12	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.0	F1	38	7.0	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Anthracene	<6.5		38	6.5	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Benzo[a]anthracene	<5.2		38	5.2	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Benzo[a]pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Benzo[b]fluoranthene	<8.4	F2	38	8.4	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Benzo[g,h,i]perylene	<12	F1	38	12	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Chrysene	<11		38	11	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Fluoranthene	<7.2		38	7.2	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Indeno[1,2,3-cd]pyrene	<10	F1	38	10	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
1-Methylnaphthalene	<9.5	F1	78	9.5	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Naphthalene	<6.0		38	6.0	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Phenanthrene	<5.4		38	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Pyrene	<7.7		38	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		43 - 145				05/10/21 08:42	05/10/21 18:41	1
Nitrobenzene-d5 (Surr)	84		37 - 147				05/10/21 08:42	05/10/21 18:41	1
Terphenyl-d14 (Surr)	134		42 - 157				05/10/21 08:42	05/10/21 18:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	05/11/21 08:28	05/12/21 03:13	1
PCB-1221	<8.6		19	8.6	ug/Kg	☼	05/11/21 08:28	05/12/21 03:13	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	05/11/21 08:28	05/12/21 03:13	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	05/11/21 08:28	05/12/21 03:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-200 (2-3)

Lab Sample ID: 500-198518-1

Date Collected: 04/26/21 11:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 85.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		19	7.7	ug/Kg	✳	05/11/21 08:28	05/12/21 03:13	1
PCB-1254	<4.2		19	4.2	ug/Kg	✳	05/11/21 08:28	05/12/21 03:13	1
PCB-1260	<9.5		19	9.5	ug/Kg	✳	05/11/21 08:28	05/12/21 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		49 - 129				05/11/21 08:28	05/12/21 03:13	1
DCB Decachlorobiphenyl	64		37 - 121				05/11/21 08:28	05/12/21 03:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4900	F2	23	9.4	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Antimony	0.48	J F1 F2	2.3	0.45	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Arsenic	1.8		1.1	0.39	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Barium	22		1.1	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Cadmium	0.041	J	0.23	0.041	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Chromium	9.8		1.1	0.57	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Copper	13		1.1	0.32	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Iron	9100		23	12	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Lead	6.5		0.57	0.26	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Manganese	180	F1	1.1	0.17	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Nickel	11		1.1	0.33	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Selenium	<0.67		1.1	0.67	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Silver	<0.15		0.57	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1
Thallium	0.68	J	1.1	0.57	mg/Kg	✳	05/10/21 17:06	05/12/21 16:16	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0059	mg/Kg	✳	05/11/21 14:00	05/12/21 07:56	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (2-3)

Lab Sample ID: 500-198518-2

Date Collected: 04/27/21 10:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<16		28	16	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Bromobenzene	<40		110	40	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Bromochloromethane	<48		110	48	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Bromodichloromethane	<41		110	41	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Bromoform	<54		110	54	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Bromomethane	<89		330	89	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Carbon tetrachloride	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Chlorobenzene	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Chloroethane	<56		110	56	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Chloroform	<41		220	41	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Chloromethane	<36		110	36	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
2-Chlorotoluene	<35		110	35	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
4-Chlorotoluene	<39		110	39	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
cis-1,2-Dichloroethene	<45		110	45	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
cis-1,3-Dichloropropene	<46		110	46	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Dibromochloromethane	<54		110	54	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2-Dibromo-3-Chloropropane	<220		560	220	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2-Dibromoethane	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Dibromomethane	<30		110	30	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2-Dichlorobenzene	<37		110	37	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,3-Dichlorobenzene	<45		110	45	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,4-Dichlorobenzene	<41		110	41	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Dichlorodifluoromethane	<75	*	330	75	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1-Dichloroethane	<46		110	46	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2-Dichloroethane	<44		110	44	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1-Dichloroethene	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2-Dichloropropane	<48		110	48	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,3-Dichloropropane	<40		110	40	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
2,2-Dichloropropane	<49		110	49	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1-Dichloropropene	<33		110	33	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Ethylbenzene	<20		28	20	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Hexachlorobutadiene	<50		110	50	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Isopropylbenzene	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Isopropyl ether	<31		110	31	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Methylene Chloride	<180		560	180	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Methyl tert-butyl ether	<44		110	44	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Naphthalene	<37		110	37	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
n-Butylbenzene	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
N-Propylbenzene	<46		110	46	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
p-Isopropyltoluene	<40		110	40	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
sec-Butylbenzene	<44		110	44	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Styrene	<43		110	43	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
tert-Butylbenzene	<44		110	44	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1,1,2-Tetrachloroethane	<51		110	51	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1,2,2-Tetrachloroethane	<44		110	44	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Tetrachloroethene	<41		110	41	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Toluene	<16		28	16	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
trans-1,2-Dichloroethene	<39		110	39	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
trans-1,3-Dichloropropene	<40		110	40	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (2-3)

Lab Sample ID: 500-198518-2

Date Collected: 04/27/21 10:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<51		110	51	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2,4-Trichlorobenzene	<38		110	38	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1,1-Trichloroethane	<42		110	42	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,1,2-Trichloroethane	<39		110	39	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Trichloroethene	<18		56	18	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Trichlorofluoromethane	<48		110	48	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2,3-Trichloropropane	<46		220	46	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,2,4-Trimethylbenzene	<40		110	40	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
1,3,5-Trimethylbenzene	<42		110	42	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Vinyl chloride	<29		110	29	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Xylenes, Total	<25		56	25	ug/Kg	☼	04/27/21 10:10	05/08/21 03:37	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		72 - 124				04/27/21 10:10	05/08/21 03:37	50
Dibromofluoromethane (Surr)	96		75 - 120				04/27/21 10:10	05/08/21 03:37	50
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				04/27/21 10:10	05/08/21 03:37	50
Toluene-d8 (Surr)	101		75 - 120				04/27/21 10:10	05/08/21 03:37	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	37		36	6.6	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Acenaphthylene	5.9	J	36	4.8	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Anthracene	37		36	6.1	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Benzo[a]anthracene	660		36	4.9	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Benzo[a]pyrene	640		36	7.1	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Benzo[b]fluoranthene	1200		36	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Benzo[g,h,i]perylene	440		36	12	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Benzo[k]fluoranthene	420		36	11	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Chrysene	1100		36	10	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Dibenz(a,h)anthracene	150		36	7.1	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Fluoranthene	930		36	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Fluorene	13	J	36	5.2	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Indeno[1,2,3-cd]pyrene	400		36	9.5	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
1-Methylnaphthalene	68	J	74	9.0	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
2-Methylnaphthalene	64	J	74	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Naphthalene	50		36	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Phenanthrene	260		36	5.1	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Pyrene	760		36	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	94		43 - 145				05/10/21 08:42	05/10/21 19:02	1
Nitrobenzene-d5 (Surr)	89		37 - 147				05/10/21 08:42	05/10/21 19:02	1
Terphenyl-d14 (Surr)	109		42 - 157				05/10/21 08:42	05/10/21 19:02	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.5		18	6.5	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
PCB-1221	<8.1		18	8.1	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
PCB-1232	<8.0		18	8.0	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
PCB-1242	<6.0		18	6.0	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (2-3)

Lab Sample ID: 500-198518-2

Date Collected: 04/27/21 10:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 89.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.2		18	7.2	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
PCB-1254	<4.0		18	4.0	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
PCB-1260	13	J	18	9.0	ug/Kg	☼	05/11/21 08:28	05/12/21 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		49 - 129				05/11/21 08:28	05/12/21 03:28	1
DCB Decachlorobiphenyl	62		37 - 121				05/11/21 08:28	05/12/21 03:28	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.22	0.030	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoropentanoic acid (PFPeA)	<0.084		0.22	0.084	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorohexanoic acid (PFHxA)	<0.046		0.22	0.046	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoroheptanoic acid (PFHpA)	<0.032		0.22	0.032	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorooctanoic acid (PFOA)	0.33		0.22	0.094	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorodecanoic acid (PFDA)	0.024	J	0.22	0.024	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorododecanoic acid (PFDoA)	<0.073		0.22	0.073	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorotridecanoic acid (PFTTrDA)	<0.056		0.22	0.056	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorotetradecanoic acid (PFTeA)	<0.059		0.22	0.059	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.54	0.22	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.22	0.042	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Perfluorooctanesulfonamide (FOSA)	<0.089		0.22	0.089	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NMeFOSAA	<0.42		2.2	0.42	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NEtFOSAA	<0.40		2.2	0.40	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NMeFOSE	<0.077		0.22	0.077	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.22	0.020	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
9Cl-PF3ONS	<0.029		0.22	0.029	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
11Cl-PF3OUdS	<0.024		0.22	0.024	ug/Kg	☼	05/06/21 11:31	05/08/21 05:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	101		25 - 150				05/06/21 11:31	05/08/21 05:23	1
13C5 PFPeA	104		25 - 150				05/06/21 11:31	05/08/21 05:23	1
13C2 PFHxA	99		25 - 150				05/06/21 11:31	05/08/21 05:23	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (2-3)

Lab Sample ID: 500-198518-2

Date Collected: 04/27/21 10:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 89.0

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	100		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C4 PFOA	105		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C5 PFNA	105		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C2 PFDA	103		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C2 PFUnA	105		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C2 PFDoA	103		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C2 PFTeDA	102		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C3 PFBS	89		25 - 150	05/06/21 11:31	05/08/21 05:23	1
18O2 PFHxS	95		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C4 PFOS	94		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C8 FOSA	107		10 - 150	05/06/21 11:31	05/08/21 05:23	1
d3-NMeFOSAA	108		25 - 150	05/06/21 11:31	05/08/21 05:23	1
d5-NEtFOSAA	113		25 - 150	05/06/21 11:31	05/08/21 05:23	1
d-N-MeFOSA-M	91		10 - 150	05/06/21 11:31	05/08/21 05:23	1
d-N-EtFOSA-M	89		10 - 150	05/06/21 11:31	05/08/21 05:23	1
d7-N-MeFOSE-M	94		10 - 150	05/06/21 11:31	05/08/21 05:23	1
d9-N-EtFOSE-M	100		10 - 150	05/06/21 11:31	05/08/21 05:23	1
M2-4:2 FTS	152	*5+	25 - 150	05/06/21 11:31	05/08/21 05:23	1
M2-6:2 FTS	164	*5+	25 - 150	05/06/21 11:31	05/08/21 05:23	1
M2-8:2 FTS	156	*5+	25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C3 HFPO-DA	92		25 - 150	05/06/21 11:31	05/08/21 05:23	1
13C2 10:2 FTS	131		25 - 150	05/06/21 11:31	05/08/21 05:23	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7400		22	9.1	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Antimony	0.48	J	2.2	0.43	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Arsenic	2.9		1.1	0.38	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Barium	41		1.1	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Cadmium	0.11	J	0.22	0.040	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Chromium	7.7		1.1	0.55	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Copper	51		1.1	0.31	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Iron	9900		22	12	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Lead	28		0.56	0.26	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Manganese	360		1.1	0.16	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Nickel	11		1.1	0.32	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Selenium	<0.66		1.1	0.66	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Silver	0.37	J	0.56	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1
Thallium	0.60	J	1.1	0.56	mg/Kg	✳	05/10/21 17:06	05/12/21 16:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.017	0.0058	mg/Kg	✳	05/11/21 14:00	05/12/21 07:58	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (7-8)

Lab Sample ID: 500-198518-3

Date Collected: 04/27/21 10:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<15		25	15	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Bromobenzene	<36		100	36	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Bromochloromethane	<43		100	43	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Bromodichloromethane	<38		100	38	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Bromoform	<49		100	49	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Bromomethane	<81		300	81	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Carbon tetrachloride	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Chlorobenzene	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Chloroethane	<51		100	51	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Chloroform	<38		200	38	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Chloromethane	<33		100	33	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
2-Chlorotoluene	<32		100	32	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
4-Chlorotoluene	<36		100	36	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
cis-1,2-Dichloroethene	<41		100	41	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Dibromochloromethane	<50		100	50	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,2-Dibromoethane	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Dibromomethane	<27		100	27	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,3-Dichlorobenzene	<41		100	41	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Dichlorodifluoromethane	<68	*	300	68	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,1-Dichloroethane	<42		100	42	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,2-Dichloroethane	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,1-Dichloroethene	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,2-Dichloropropane	<43		100	43	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,3-Dichloropropane	<37		100	37	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
2,2-Dichloropropane	<45		100	45	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,1-Dichloropropene	<30		100	30	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Ethylbenzene	<19		25	19	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Hexachlorobutadiene	<45		100	45	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Isopropylbenzene	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Isopropyl ether	<28		100	28	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Methylene Chloride	<170		510	170	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Naphthalene	<34		100	34	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
n-Butylbenzene	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
N-Propylbenzene	<42		100	42	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
p-Isopropyltoluene	<37		100	37	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
sec-Butylbenzene	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Styrene	<39		100	39	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
tert-Butylbenzene	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
1,1,2,2-Tetrachloroethane	<40		100	40	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Tetrachloroethene	<38		100	38	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
Toluene	<15		25	15	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
trans-1,2-Dichloroethene	<36		100	36	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	✱	04/27/21 10:12	05/08/21 04:02	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (7-8)

Lab Sample ID: 500-198518-3

Date Collected: 04/27/21 10:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<47		100	47	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
Trichloroethene	<17		51	17	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
Trichlorofluoromethane	<43		100	43	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,2,3-Trichloropropane	<42		200	42	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,2,4-Trimethylbenzene	<36		100	36	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
Vinyl chloride	<27		100	27	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
Xylenes, Total	<22		51	22	ug/Kg	✳	04/27/21 10:12	05/08/21 04:02	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124				04/27/21 10:12	05/08/21 04:02	50
Dibromofluoromethane (Surr)	92		75 - 120				04/27/21 10:12	05/08/21 04:02	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				04/27/21 10:12	05/08/21 04:02	50
Toluene-d8 (Surr)	101		75 - 120				04/27/21 10:12	05/08/21 04:02	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.4		35	6.4	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Acenaphthylene	<4.7		35	4.7	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Anthracene	<5.9		35	5.9	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Benzo[a]anthracene	<4.8		35	4.8	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Benzo[a]pyrene	<6.9		35	6.9	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Benzo[b]fluoranthene	<7.7		35	7.7	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Benzo[g,h,i]perylene	<11		35	11	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Benzo[k]fluoranthene	<10		35	10	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Chrysene	<9.7		35	9.7	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Dibenz(a,h)anthracene	<6.9		35	6.9	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Fluoranthene	<6.6		35	6.6	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Fluorene	<5.0		35	5.0	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Indeno[1,2,3-cd]pyrene	<9.2		35	9.2	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
1-Methylnaphthalene	<8.7		72	8.7	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
2-Methylnaphthalene	<6.5		72	6.5	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Naphthalene	<5.5		35	5.5	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Phenanthrene	9.4 J		35	5.0	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Pyrene	<7.1		35	7.1	ug/Kg	✳	05/10/21 08:42	05/10/21 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		43 - 145				05/10/21 08:42	05/10/21 19:22	1
Nitrobenzene-d5 (Surr)	81		37 - 147				05/10/21 08:42	05/10/21 19:22	1
Terphenyl-d14 (Surr)	113		42 - 157				05/10/21 08:42	05/10/21 19:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.2		17	6.2	ug/Kg	✳	05/11/21 08:28	05/12/21 03:44	1
PCB-1221	<7.7		17	7.7	ug/Kg	✳	05/11/21 08:28	05/12/21 03:44	1
PCB-1232	<7.6		17	7.6	ug/Kg	✳	05/11/21 08:28	05/12/21 03:44	1
PCB-1242	<5.7		17	5.7	ug/Kg	✳	05/11/21 08:28	05/12/21 03:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (7-8)

Lab Sample ID: 500-198518-3

Date Collected: 04/27/21 10:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 93.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<6.9		17	6.9	ug/Kg	✱	05/11/21 08:28	05/12/21 03:44	1
PCB-1254	<3.8		17	3.8	ug/Kg	✱	05/11/21 08:28	05/12/21 03:44	1
PCB-1260	<8.6		17	8.6	ug/Kg	✱	05/11/21 08:28	05/12/21 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		49 - 129				05/11/21 08:28	05/12/21 03:44	1
DCB Decachlorobiphenyl	60		37 - 121				05/11/21 08:28	05/12/21 03:44	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.027		0.19	0.027	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluoropentanoic acid (PFPeA)	<0.075		0.19	0.075	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorohexanoic acid (PFHxA)	<0.041		0.19	0.041	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluoroheptanoic acid (PFHpA)	<0.028		0.19	0.028	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorooctanoic acid (PFOA)	0.20		0.19	0.083	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorononanoic acid (PFNA)	<0.035		0.19	0.035	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorodecanoic acid (PFDA)	<0.021		0.19	0.021	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluoroundecanoic acid (PFUnA)	<0.035		0.19	0.035	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorododecanoic acid (PFDoA)	<0.065		0.19	0.065	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorotridecanoic acid (PFTTrDA)	<0.049		0.19	0.049	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorotetradecanoic acid (PFTTeA)	<0.052		0.19	0.052	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorobutanesulfonic acid (PFBS)	<0.024		0.19	0.024	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluoropentanesulfonic acid (PFPeS)	<0.019		0.19	0.019	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorohexanesulfonic acid (PFHxS)	<0.030		0.19	0.030	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.034		0.19	0.034	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorooctanesulfonic acid (PFOS)	<0.19		0.48	0.19	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorononanesulfonic acid (PFNS)	<0.019		0.19	0.019	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorodecanesulfonic acid (PFDS)	<0.038		0.19	0.038	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorododecanesulfonic acid (PFDoS)	<0.058		0.19	0.058	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Perfluorooctanesulfonamide (FOSA)	<0.079		0.19	0.079	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NEtFOSA	<0.023		0.19	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NMeFOSA	<0.040		0.19	0.040	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NMeFOSAA	<0.38		1.9	0.38	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NEtFOSAA	<0.36		1.9	0.36	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NMeFOSE	<0.069		0.19	0.069	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
NEtFOSE	<0.035		0.19	0.035	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
4:2 FTS	<0.36		1.9	0.36	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
6:2 FTS	<0.15		1.9	0.15	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
8:2 FTS	<0.24		1.9	0.24	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.017		0.19	0.017	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
HFPO-DA (GenX)	<0.11		0.24	0.11	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
9Cl-PF3ONS	<0.026		0.19	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
11Cl-PF3OUdS	<0.021		0.19	0.021	ug/Kg	✱	05/06/21 11:31	05/08/21 05:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150				05/06/21 11:31	05/08/21 05:32	1
13C5 PFPeA	99		25 - 150				05/06/21 11:31	05/08/21 05:32	1
13C2 PFHxA	100		25 - 150				05/06/21 11:31	05/08/21 05:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (7-8)

Lab Sample ID: 500-198518-3

Date Collected: 04/27/21 10:12

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 93.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	101		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C4 PFOA	105		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C5 PFNA	102		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C2 PFDA	103		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C2 PFUnA	111		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C2 PFDoA	102		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C2 PFTeDA	87		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C3 PFBS	94		25 - 150	05/06/21 11:31	05/08/21 05:32	1
18O2 PFHxS	95		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C4 PFOS	93		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C8 FOSA	104		10 - 150	05/06/21 11:31	05/08/21 05:32	1
d3-NMeFOSAA	106		25 - 150	05/06/21 11:31	05/08/21 05:32	1
d5-NEtFOSAA	108		25 - 150	05/06/21 11:31	05/08/21 05:32	1
d-N-MeFOSA-M	78		10 - 150	05/06/21 11:31	05/08/21 05:32	1
d-N-EtFOSA-M	75		10 - 150	05/06/21 11:31	05/08/21 05:32	1
d7-N-MeFOSE-M	92		10 - 150	05/06/21 11:31	05/08/21 05:32	1
d9-N-EtFOSE-M	98		10 - 150	05/06/21 11:31	05/08/21 05:32	1
M2-4:2 FTS	134		25 - 150	05/06/21 11:31	05/08/21 05:32	1
M2-6:2 FTS	146		25 - 150	05/06/21 11:31	05/08/21 05:32	1
M2-8:2 FTS	144		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C3 HFPO-DA	91		25 - 150	05/06/21 11:31	05/08/21 05:32	1
13C2 10:2 FTS	131		25 - 150	05/06/21 11:31	05/08/21 05:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3300		20	8.2	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Antimony	<0.39		2.0	0.39	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Arsenic	1.1		1.0	0.34	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Barium	9.4		1.0	0.11	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Cadmium	0.055	J	0.20	0.036	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Chromium	5.6		1.0	0.50	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Copper	9.0		1.0	0.28	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Iron	7000		20	10	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Lead	2.0		0.50	0.23	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Manganese	180		1.0	0.15	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Nickel	8.2		1.0	0.29	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Selenium	<0.59		1.0	0.59	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Silver	<0.13		0.50	0.13	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1
Thallium	<0.50		1.0	0.50	mg/Kg	☆	05/10/21 17:06	05/12/21 16:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0057		0.017	0.0057	mg/Kg	☆	05/11/21 14:00	05/12/21 08:00	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (10-11)

Lab Sample ID: 500-198518-4

Date Collected: 04/27/21 10:14

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<14		24	14	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Bromobenzene	<35		98	35	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Bromochloromethane	<42		98	42	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Bromodichloromethane	<36		98	36	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Bromoform	<47		98	47	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Bromomethane	<78		290	78	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Carbon tetrachloride	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Chlorobenzene	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Chloroethane	<49		98	49	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Chloroform	<36		200	36	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Chloromethane	<31		98	31	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
2-Chlorotoluene	<31		98	31	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
4-Chlorotoluene	<34		98	34	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
cis-1,2-Dichloroethene	<40		98	40	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
cis-1,3-Dichloropropene	<41		98	41	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Dibromochloromethane	<48		98	48	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2-Dibromo-3-Chloropropane	<190		490	190	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2-Dibromoethane	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Dibromomethane	<26		98	26	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2-Dichlorobenzene	<33		98	33	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,3-Dichlorobenzene	<39		98	39	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,4-Dichlorobenzene	<36		98	36	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Dichlorodifluoromethane	<66	*	290	66	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1-Dichloroethane	<40		98	40	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2-Dichloroethane	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1-Dichloroethene	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2-Dichloropropane	<42		98	42	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,3-Dichloropropane	<35		98	35	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
2,2-Dichloropropane	<43		98	43	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1-Dichloropropene	<29		98	29	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Ethylbenzene	<18		24	18	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Hexachlorobutadiene	<44		98	44	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Isopropylbenzene	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Isopropyl ether	<27		98	27	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Methylene Chloride	<160		490	160	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Methyl tert-butyl ether	<39		98	39	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Naphthalene	<33		98	33	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
n-Butylbenzene	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
N-Propylbenzene	<41		98	41	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
p-Isopropyltoluene	<35		98	35	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
sec-Butylbenzene	<39		98	39	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Styrene	<38		98	38	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
tert-Butylbenzene	<39		98	39	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1,1,2-Tetrachloroethane	<45		98	45	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1,2,2-Tetrachloroethane	<39		98	39	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Tetrachloroethene	<36		98	36	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Toluene	<14		24	14	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
trans-1,2-Dichloroethene	<34		98	34	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
trans-1,3-Dichloropropene	<35		98	35	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (10-11)

Lab Sample ID: 500-198518-4

Date Collected: 04/27/21 10:14

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<45		98	45	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2,4-Trichlorobenzene	<33		98	33	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1,1-Trichloroethane	<37		98	37	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,1,2-Trichloroethane	<34		98	34	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Trichloroethene	<16		49	16	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Trichlorofluoromethane	<42		98	42	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,2,4-Trimethylbenzene	<35		98	35	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
1,3,5-Trimethylbenzene	<37		98	37	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Vinyl chloride	<26		98	26	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Xylenes, Total	<22		49	22	ug/Kg	☼	04/27/21 10:14	05/08/21 04:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124				04/27/21 10:14	05/08/21 04:27	50
Dibromofluoromethane (Surr)	94		75 - 120				04/27/21 10:14	05/08/21 04:27	50
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				04/27/21 10:14	05/08/21 04:27	50
Toluene-d8 (Surr)	100		75 - 120				04/27/21 10:14	05/08/21 04:27	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.2		40	7.2	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Anthracene	<6.7		40	6.7	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Benzo[a]pyrene	<7.7		40	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Benzo[b]fluoranthene	<8.6		40	8.6	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Dibenz(a,h)anthracene	<7.7		40	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Fluoranthene	<7.4		40	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Fluorene	<5.6		40	5.6	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
1-Methylnaphthalene	<9.8		81	9.8	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Phenanthrene	<5.6		40	5.6	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Pyrene	<7.9		40	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		43 - 145				05/10/21 08:42	05/10/21 19:43	1
Nitrobenzene-d5 (Surr)	75		37 - 147				05/10/21 08:42	05/10/21 19:43	1
Terphenyl-d14 (Surr)	118		42 - 157				05/10/21 08:42	05/10/21 19:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	05/11/21 08:28	05/12/21 03:59	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	05/11/21 08:28	05/12/21 03:59	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	05/11/21 08:28	05/12/21 03:59	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	05/11/21 08:28	05/12/21 03:59	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (10-11)

Lab Sample ID: 500-198518-4

Date Collected: 04/27/21 10:14

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 82.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	✱	05/11/21 08:28	05/12/21 03:59	1
PCB-1254	<4.3		20	4.3	ug/Kg	✱	05/11/21 08:28	05/12/21 03:59	1
PCB-1260	<9.7		20	9.7	ug/Kg	✱	05/11/21 08:28	05/12/21 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		49 - 129				05/11/21 08:28	05/12/21 03:59	1
DCB Decachlorobiphenyl	56		37 - 121				05/11/21 08:28	05/12/21 03:59	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.23	0.047	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorooctanoic acid (PFOA)	0.24		0.23	0.097	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorotridecanoic acid (PFTTrDA)	<0.058		0.23	0.058	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorotetradecanoic acid (PFTTeA)	<0.061		0.23	0.061	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.23	0.039	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.56	0.23	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.23	0.092	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NMeFOSA	<0.046		0.23	0.046	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NMeFOSAA	<0.44		2.3	0.44	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NMeFOSE	<0.080		0.23	0.080	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.23	0.020	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
9Cl-PF3ONS	<0.030		0.23	0.030	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/06/21 11:31	05/08/21 05:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150				05/06/21 11:31	05/08/21 05:42	1
13C5 PFPeA	102		25 - 150				05/06/21 11:31	05/08/21 05:42	1
13C2 PFHxA	99		25 - 150				05/06/21 11:31	05/08/21 05:42	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (10-11)

Lab Sample ID: 500-198518-4

Date Collected: 04/27/21 10:14

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 82.3

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	104		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C4 PFOA	104		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C5 PFNA	106		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C2 PFDA	102		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C2 PFUnA	106		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C2 PFDoA	96		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C2 PFTeDA	92		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C3 PFBS	95		25 - 150	05/06/21 11:31	05/08/21 05:42	1
18O2 PFHxS	101		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C4 PFOS	96		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C8 FOSA	106		10 - 150	05/06/21 11:31	05/08/21 05:42	1
d3-NMeFOSAA	103		25 - 150	05/06/21 11:31	05/08/21 05:42	1
d5-NEtFOSAA	117		25 - 150	05/06/21 11:31	05/08/21 05:42	1
d-N-MeFOSA-M	77		10 - 150	05/06/21 11:31	05/08/21 05:42	1
d-N-EtFOSA-M	75		10 - 150	05/06/21 11:31	05/08/21 05:42	1
d7-N-MeFOSE-M	90		10 - 150	05/06/21 11:31	05/08/21 05:42	1
d9-N-EtFOSE-M	100		10 - 150	05/06/21 11:31	05/08/21 05:42	1
M2-4:2 FTS	137		25 - 150	05/06/21 11:31	05/08/21 05:42	1
M2-6:2 FTS	119		25 - 150	05/06/21 11:31	05/08/21 05:42	1
M2-8:2 FTS	124		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C3 HFPO-DA	91		25 - 150	05/06/21 11:31	05/08/21 05:42	1
13C2 10:2 FTS	123		25 - 150	05/06/21 11:31	05/08/21 05:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3000		20	8.3	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Antimony	<0.40		2.0	0.40	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Arsenic	0.86	J	1.0	0.35	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Barium	9.1		1.0	0.12	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Cadmium	0.047	J	0.20	0.037	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Chromium	12		1.0	0.50	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Copper	11		1.0	0.28	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Iron	7000		20	11	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Lead	2.2		0.51	0.24	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Manganese	170		1.0	0.15	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Nickel	8.1		1.0	0.30	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Selenium	<0.60		1.0	0.60	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Silver	<0.13		0.51	0.13	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1
Thallium	<0.51		1.0	0.51	mg/Kg	✱	05/10/21 17:06	05/12/21 16:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0061		0.018	0.0061	mg/Kg	✱	05/11/21 14:00	05/12/21 08:02	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: FB-01-210427

Lab Sample ID: 500-198518-5

Date Collected: 04/27/21 14:00

Matrix: Water

Date Received: 05/01/21 09:40

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<1.9		4.0	1.9	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluoropentanoic acid (PFPeA)	<0.39		1.6	0.39	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorohexanoic acid (PFHxA)	<0.47		1.6	0.47	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluoroheptanoic acid (PFHpA)	<0.20		1.6	0.20	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorooctanoic acid (PFOA)	<0.68		1.6	0.68	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorononanoic acid (PFNA)	<0.22		1.6	0.22	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorodecanoic acid (PFDA)	<0.25		1.6	0.25	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluoroundecanoic acid (PFUnA)	<0.88		1.6	0.88	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorododecanoic acid (PFDoA)	<0.44		1.6	0.44	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorotridecanoic acid (PFTrDA)	<1.0		1.6	1.0	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorotetradecanoic acid (PFTeA)	<0.59		1.6	0.59	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorobutanesulfonic acid (PFBS)	<0.16		1.6	0.16	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.24		1.6	0.24	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.46		1.6	0.46	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.15		1.6	0.15	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.43		1.6	0.43	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorononanesulfonic acid (PFNS)	<0.30		1.6	0.30	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.26		1.6	0.26	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.78		1.6	0.78	ng/L		05/05/21 19:54	05/11/21 11:44	1
Perfluorooctanesulfonamide (FOSA)	<0.79		1.6	0.79	ng/L		05/05/21 19:54	05/11/21 11:44	1
NEtFOSA	<0.70		1.6	0.70	ng/L		05/05/21 19:54	05/11/21 11:44	1
NMeFOSA	<0.35		1.6	0.35	ng/L		05/05/21 19:54	05/11/21 11:44	1
NMeFOSAA	<0.96		4.0	0.96	ng/L		05/05/21 19:54	05/11/21 11:44	1
NEtFOSAA	<1.0		4.0	1.0	ng/L		05/05/21 19:54	05/11/21 11:44	1
NMeFOSE	<1.1		3.2	1.1	ng/L		05/05/21 19:54	05/11/21 11:44	1
NEtFOSE	<0.68		1.6	0.68	ng/L		05/05/21 19:54	05/11/21 11:44	1
4:2 FTS	<0.19		1.6	0.19	ng/L		05/05/21 19:54	05/11/21 11:44	1
6:2 FTS	<2.0		4.0	2.0	ng/L		05/05/21 19:54	05/11/21 11:44	1
8:2 FTS	<0.37		1.6	0.37	ng/L		05/05/21 19:54	05/11/21 11:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.32		1.6	0.32	ng/L		05/05/21 19:54	05/11/21 11:44	1
HFPO-DA (GenX)	<1.2		3.2	1.2	ng/L		05/05/21 19:54	05/11/21 11:44	1
9Cl-PF3ONS	<0.19		1.6	0.19	ng/L		05/05/21 19:54	05/11/21 11:44	1
11Cl-PF3OUdS	<0.26		1.6	0.26	ng/L		05/05/21 19:54	05/11/21 11:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C5 PFPeA	105		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 PFHxA	104		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C4 PFHpA	100		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C4 PFOA	96		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C5 PFNA	111		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 PFDA	104		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 PFUnA	104		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 PFDoA	105		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 PFTeDA	99		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C3 PFBS	94		25 - 150	05/05/21 19:54	05/11/21 11:44	1
18O2 PFHxS	101		25 - 150	05/05/21 19:54	05/11/21 11:44	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: FB-01-210427

Lab Sample ID: 500-198518-5

Date Collected: 04/27/21 14:00

Matrix: Water

Date Received: 05/01/21 09:40

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	97		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C8 FOSA	99		10 - 150	05/05/21 19:54	05/11/21 11:44	1
d3-NMeFOSAA	96		25 - 150	05/05/21 19:54	05/11/21 11:44	1
d5-NEtFOSAA	100		25 - 150	05/05/21 19:54	05/11/21 11:44	1
d-N-MeFOSA-M	87		10 - 150	05/05/21 19:54	05/11/21 11:44	1
d-N-EtFOSA-M	91		10 - 150	05/05/21 19:54	05/11/21 11:44	1
d7-N-MeFOSE-M	102		10 - 150	05/05/21 19:54	05/11/21 11:44	1
d9-N-EtFOSE-M	99		10 - 150	05/05/21 19:54	05/11/21 11:44	1
M2-4:2 FTS	142		25 - 150	05/05/21 19:54	05/11/21 11:44	1
M2-6:2 FTS	137		25 - 150	05/05/21 19:54	05/11/21 11:44	1
M2-8:2 FTS	135		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C3 HFPO-DA	96		25 - 150	05/05/21 19:54	05/11/21 11:44	1
13C2 10:2 FTS	134		25 - 150	05/05/21 19:54	05/11/21 11:44	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Bromobenzene	<26		74	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Bromochloromethane	<32	*+	74	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Bromodichloromethane	<27		74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Bromoform	<36		74	36	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Bromomethane	<59		220	59	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Carbon tetrachloride	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Chlorobenzene	<28	*+	74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Chloroethane	<37		74	37	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Chloroform	<27		150	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Chloromethane	<24		74	24	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
2-Chlorotoluene	<23		74	23	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
4-Chlorotoluene	<26		74	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Dibromochloromethane	<36	*+	74	36	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2-Dibromoethane	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Dibromomethane	<20		74	20	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Dichlorodifluoromethane	<50	*-	220	50	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1-Dichloroethane	<30		74	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2-Dichloroethane	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1-Dichloroethene	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2-Dichloropropane	<32		74	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,3-Dichloropropane	<27		74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
2,2-Dichloropropane	<33		74	33	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1-Dichloropropene	<22		74	22	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Ethylbenzene	<14		18	14	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Hexachlorobutadiene	<33		74	33	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Isopropylbenzene	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Isopropyl ether	<20		74	20	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Methylene Chloride	<120		370	120	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Naphthalene	<25		74	25	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
n-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
N-Propylbenzene	<31		74	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
p-Isopropyltoluene	<27		74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
sec-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Styrene	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
tert-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1,1,2-Tetrachloroethane	<34	*+	74	34	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1,2,2-Tetrachloroethane	<29		74	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Tetrachloroethene	<27	*+	74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Toluene	<11		18	11	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Trichloroethene	<12	*+	37	12	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Trichlorofluoromethane	<32		74	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,2,4-Trimethylbenzene	<26		74	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Vinyl chloride	<19		74	19	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Xylenes, Total	<16		37	16	ug/Kg	☼	04/28/21 12:45	05/11/21 14:24	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124				04/28/21 12:45	05/11/21 14:24	50
Dibromofluoromethane (Surr)	111		75 - 120				04/28/21 12:45	05/11/21 14:24	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				04/28/21 12:45	05/11/21 14:24	50
Toluene-d8 (Surr)	94		75 - 120				04/28/21 12:45	05/11/21 14:24	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		41	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Acenaphthylene	<5.4		41	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Anthracene	<6.8		41	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Benzo[a]anthracene	18	J	41	5.5	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Benzo[a]pyrene	11	J	41	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Benzo[b]fluoranthene	15	J	41	8.8	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Chrysene	15	J	41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Dibenz(a,h)anthracene	<7.9		41	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Fluoranthene	19	J	41	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Fluorene	<5.7		41	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
1-Methylnaphthalene	<10		82	10	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Naphthalene	<6.3		41	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Phenanthrene	8.7	J	41	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Pyrene	23	J	41	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	77		43 - 145				05/10/21 08:42	05/10/21 20:03	1
Nitrobenzene-d5 (Surr)	77		37 - 147				05/10/21 08:42	05/10/21 20:03	1
Terphenyl-d14 (Surr)	130		42 - 157				05/10/21 08:42	05/10/21 20:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		21	7.2	ug/Kg	☼	05/11/21 08:28	05/12/21 04:14	1
PCB-1221	<9.0		21	9.0	ug/Kg	☼	05/11/21 08:28	05/12/21 04:14	1
PCB-1232	<8.9		21	8.9	ug/Kg	☼	05/11/21 08:28	05/12/21 04:14	1
PCB-1242	<6.7		21	6.7	ug/Kg	☼	05/11/21 08:28	05/12/21 04:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	✱	05/11/21 08:28	05/12/21 04:14	1
PCB-1254	<4.4		21	4.4	ug/Kg	✱	05/11/21 08:28	05/12/21 04:14	1
PCB-1260	<10		21	10	ug/Kg	✱	05/11/21 08:28	05/12/21 04:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		49 - 129				05/11/21 08:28	05/12/21 04:14	1
DCB Decachlorobiphenyl	68		37 - 121				05/11/21 08:28	05/12/21 04:14	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorooctanoic acid (PFOA)	<0.099		0.23	0.099	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorotetradecanoic acid (PFTTeA)	<0.062		0.23	0.062	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/06/21 11:31	05/08/21 05:51	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150				05/06/21 11:31	05/08/21 05:51	1
13C5 PFPeA	102		25 - 150				05/06/21 11:31	05/08/21 05:51	1
13C2 PFHxA	96		25 - 150				05/06/21 11:31	05/08/21 05:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.5

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	100		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C4 PFOA	99		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C5 PFNA	93		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C2 PFDA	87		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C2 PFUnA	94		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C2 PFDoA	96		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C2 PFTeDA	81		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C3 PFBS	76		25 - 150	05/06/21 11:31	05/08/21 05:51	1
18O2 PFHxS	77		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C4 PFOS	76		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C8 FOSA	89		10 - 150	05/06/21 11:31	05/08/21 05:51	1
d3-NMeFOSAA	94		25 - 150	05/06/21 11:31	05/08/21 05:51	1
d5-NEtFOSAA	103		25 - 150	05/06/21 11:31	05/08/21 05:51	1
d-N-MeFOSA-M	67		10 - 150	05/06/21 11:31	05/08/21 05:51	1
d-N-EtFOSA-M	63		10 - 150	05/06/21 11:31	05/08/21 05:51	1
d7-N-MeFOSE-M	94		10 - 150	05/06/21 11:31	05/08/21 05:51	1
d9-N-EtFOSE-M	91		10 - 150	05/06/21 11:31	05/08/21 05:51	1
M2-4:2 FTS	131		25 - 150	05/06/21 11:31	05/08/21 05:51	1
M2-6:2 FTS	108		25 - 150	05/06/21 11:31	05/08/21 05:51	1
M2-8:2 FTS	106		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C3 HFPO-DA	91		25 - 150	05/06/21 11:31	05/08/21 05:51	1
13C2 10:2 FTS	103		25 - 150	05/06/21 11:31	05/08/21 05:51	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		22	8.8	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Antimony	<0.42		2.2	0.42	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Arsenic	3.2		1.1	0.37	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Barium	46		1.1	0.12	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Cadmium	0.061	J	0.22	0.039	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Chromium	22		1.1	0.53	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Copper	17		1.1	0.30	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Iron	19000		22	11	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Lead	8.0		0.54	0.25	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Manganese	250		1.1	0.16	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Nickel	22		1.1	0.31	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Selenium	<0.64		1.1	0.64	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Silver	0.42	J	0.54	0.14	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1
Thallium	0.95	J	1.1	0.54	mg/Kg	☆	05/10/21 17:06	05/12/21 16:49	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.018	0.0061	mg/Kg	☆	05/11/21 14:00	05/12/21 08:04	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Bromobenzene	<28		79	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Bromochloromethane	<34	*+	79	34	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Bromodichloromethane	<29		79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Bromoform	<38		79	38	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Bromomethane	<63		240	63	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Carbon tetrachloride	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Chlorobenzene	<30	*+	79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Chloroethane	<40		79	40	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Chloroform	<29		160	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Chloromethane	<25		79	25	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
2-Chlorotoluene	<25		79	25	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
4-Chlorotoluene	<28		79	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Dibromochloromethane	<38	*+	79	38	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2-Dibromo-3-Chloropropane	<160		390	160	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2-Dibromoethane	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Dibromomethane	<21		79	21	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2-Dichlorobenzene	<26		79	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,3-Dichlorobenzene	<32		79	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Dichlorodifluoromethane	<53	*-	240	53	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1-Dichloroethane	<32		79	32	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2-Dichloroethane	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1-Dichloroethene	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2-Dichloropropane	<34		79	34	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,3-Dichloropropane	<29		79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
2,2-Dichloropropane	<35		79	35	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1-Dichloropropene	<23		79	23	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Ethylbenzene	<14		20	14	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Hexachlorobutadiene	<35		79	35	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Isopropylbenzene	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Isopropyl ether	<22		79	22	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Methylene Chloride	<130		390	130	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Naphthalene	<26		79	26	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
n-Butylbenzene	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
N-Propylbenzene	<33		79	33	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
p-Isopropyltoluene	<29		79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
sec-Butylbenzene	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Styrene	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
tert-Butylbenzene	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1,1,2-Tetrachloroethane	<36	*+	79	36	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1,1,2,2-Tetrachloroethane	<31		79	31	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Tetrachloroethene	<29	*+	79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Toluene	<12		20	12	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
trans-1,3-Dichloropropene	<29		79	29	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Trichloroethene	<13	*+	39	13	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Trichlorofluoromethane	<34		79	34	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,2,4-Trimethylbenzene	<28		79	28	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
1,3,5-Trimethylbenzene	<30		79	30	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Vinyl chloride	<21		79	21	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50
Xylenes, Total	<17		39	17	ug/Kg	☼	04/28/21 12:45	05/11/21 14:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	04/28/21 12:45	05/11/21 14:51	50
Dibromofluoromethane (Surr)	110		75 - 120	04/28/21 12:45	05/11/21 14:51	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	04/28/21 12:45	05/11/21 14:51	50
Toluene-d8 (Surr)	95		75 - 120	04/28/21 12:45	05/11/21 14:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.4		41	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Acenaphthylene	<5.4		41	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Anthracene	<6.9		41	6.9	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Benzo[a]anthracene	12	J	41	5.5	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Benzo[a]pyrene	11	J	41	8.0	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Benzo[b]fluoranthene	13	J	41	8.9	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Chrysene	13	J	41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Dibenz(a,h)anthracene	<8.0		41	8.0	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Fluoranthene	19	J	41	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Fluorene	<5.8		41	5.8	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
1-Methylnaphthalene	<10		83	10	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
2-Methylnaphthalene	<7.6		83	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Naphthalene	<6.3		41	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Phenanthrene	10	J	41	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1
Pyrene	18	J	41	8.2	ug/Kg	☼	05/10/21 08:42	05/10/21 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	65		43 - 145	05/10/21 08:42	05/10/21 20:24	1
Nitrobenzene-d5 (Surr)	65		37 - 147	05/10/21 08:42	05/10/21 20:24	1
Terphenyl-d14 (Surr)	124		42 - 157	05/10/21 08:42	05/10/21 20:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	☼	05/11/21 08:28	05/12/21 04:30	1
PCB-1221	<9.1		21	9.1	ug/Kg	☼	05/11/21 08:28	05/12/21 04:30	1
PCB-1232	<9.0		21	9.0	ug/Kg	☼	05/11/21 08:28	05/12/21 04:30	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	05/11/21 08:28	05/12/21 04:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	✳	05/11/21 08:28	05/12/21 04:30	1
PCB-1254	<4.4		21	4.4	ug/Kg	✳	05/11/21 08:28	05/12/21 04:30	1
PCB-1260	<10		21	10	ug/Kg	✳	05/11/21 08:28	05/12/21 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		49 - 129				05/11/21 08:28	05/12/21 04:30	1
DCB Decachlorobiphenyl	62		37 - 121				05/11/21 08:28	05/12/21 04:30	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.031		0.22	0.031	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoropentanoic acid (PFPeA)	<0.086		0.22	0.086	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.22	0.047	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoroheptanoic acid (PFHpA)	<0.032		0.22	0.032	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorooctanoic acid (PFOA)	<0.096		0.22	0.096	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorodecanoic acid (PFDA)	<0.025		0.22	0.025	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorododecanoic acid (PFDoA)	<0.075		0.22	0.075	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorotridecanoic acid (PFTTrDA)	<0.057		0.22	0.057	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorotetradecanoic acid (PFTTeA)	<0.060		0.22	0.060	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.22	0.035	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.56	0.22	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.22	0.044	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorododecanesulfonic acid (PFDoS)	<0.067		0.22	0.067	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.22	0.092	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NMeFOSA	<0.046		0.22	0.046	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NMeFOSAA	<0.44		2.2	0.44	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NEtFOSAA	<0.41		2.2	0.41	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NMeFOSE	<0.079		0.22	0.079	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
6:2 FTS	<0.17		2.2	0.17	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.22	0.020	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
9Cl-PF3ONS	<0.030		0.22	0.030	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
11Cl-PF3OUdS	<0.025		0.22	0.025	ug/Kg	✳	05/06/21 11:31	05/08/21 06:00	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150				05/06/21 11:31	05/08/21 06:00	1
13C5 PFPeA	99		25 - 150				05/06/21 11:31	05/08/21 06:00	1
13C2 PFHxA	97		25 - 150				05/06/21 11:31	05/08/21 06:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	101		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C4 PFOA	98		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C5 PFNA	96		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C2 PFDA	94		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C2 PFUnA	94		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C2 PFDoA	91		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C2 PFTeDA	76		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C3 PFBS	86		25 - 150	05/06/21 11:31	05/08/21 06:00	1
18O2 PFHxS	86		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C4 PFOS	79		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C8 FOSA	92		10 - 150	05/06/21 11:31	05/08/21 06:00	1
d3-NMeFOSAA	91		25 - 150	05/06/21 11:31	05/08/21 06:00	1
d5-NEtFOSAA	94		25 - 150	05/06/21 11:31	05/08/21 06:00	1
d-N-MeFOSA-M	72		10 - 150	05/06/21 11:31	05/08/21 06:00	1
d-N-EtFOSA-M	68		10 - 150	05/06/21 11:31	05/08/21 06:00	1
d7-N-MeFOSE-M	83		10 - 150	05/06/21 11:31	05/08/21 06:00	1
d9-N-EtFOSE-M	90		10 - 150	05/06/21 11:31	05/08/21 06:00	1
M2-4:2 FTS	133		25 - 150	05/06/21 11:31	05/08/21 06:00	1
M2-6:2 FTS	132		25 - 150	05/06/21 11:31	05/08/21 06:00	1
M2-8:2 FTS	116		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C3 HFPO-DA	93		25 - 150	05/06/21 11:31	05/08/21 06:00	1
13C2 10:2 FTS	107		25 - 150	05/06/21 11:31	05/08/21 06:00	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900		23	9.6	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Antimony	<0.46		2.3	0.46	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Arsenic	2.2		1.2	0.40	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Barium	44		1.2	0.13	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Cadmium	0.092	J	0.23	0.042	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Chromium	17		1.2	0.58	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Copper	14		1.2	0.33	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Iron	14000		23	12	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Lead	17		0.59	0.27	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Manganese	290		1.2	0.17	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Nickel	17		1.2	0.34	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Selenium	<0.69		1.2	0.69	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Silver	0.24	J	0.59	0.15	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1
Thallium	1.0	J	1.2	0.59	mg/Kg	☆	05/10/21 17:06	05/12/21 16:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.020	0.0066	mg/Kg	☆	05/11/21 14:00	05/12/21 08:06	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Bromobenzene	<27		75	27	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Bromochloromethane	<32	+	75	32	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Bromodichloromethane	<28		75	28	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Bromoform	<36		75	36	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Bromomethane	<59		220	59	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Carbon tetrachloride	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Chlorobenzene	<29	+	75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Chloroethane	<38		75	38	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Chloroform	<28		150	28	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Chloromethane	<24		75	24	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
2-Chlorotoluene	<23		75	23	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
4-Chlorotoluene	<26		75	26	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
cis-1,2-Dichloroethene	<30		75	30	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
cis-1,3-Dichloropropene	<31		75	31	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Dibromochloromethane	<36	+	75	36	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,2-Dibromoethane	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Dibromomethane	<20		75	20	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,2-Dichlorobenzene	<25		75	25	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,3-Dichlorobenzene	<30		75	30	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,4-Dichlorobenzene	<27		75	27	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,1-Dichloroethane	<31		75	31	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,2-Dichloroethane	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,1-Dichloroethene	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,2-Dichloropropane	<32		75	32	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,3-Dichloropropane	<27		75	27	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
2,2-Dichloropropane	<33		75	33	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,1-Dichloropropene	<22		75	22	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Ethylbenzene	<14		19	14	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Hexachlorobutadiene	<33		75	33	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Isopropylbenzene	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Isopropyl ether	<21		75	21	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Methylene Chloride	<120		370	120	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Methyl tert-butyl ether	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Naphthalene	<25		75	25	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
n-Butylbenzene	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
N-Propylbenzene	<31		75	31	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
p-Isopropyltoluene	<27		75	27	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
sec-Butylbenzene	<30		75	30	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Styrene	<29		75	29	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
tert-Butylbenzene	<30		75	30	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,1,1,2-Tetrachloroethane	<34	+	75	34	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
1,1,2,2-Tetrachloroethane	<30		75	30	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Tetrachloroethene	<28	+	75	28	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
Toluene	<11		19	11	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
trans-1,2-Dichloroethene	<26		75	26	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50
trans-1,3-Dichloropropene	<27		75	27	ug/Kg	✳	05/05/21 21:33	05/11/21 18:24	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		75	34	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,2,4-Trichlorobenzene	<26		75	26	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,1,1-Trichloroethane	<28		75	28	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,1,2-Trichloroethane	<26		75	26	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
Trichloroethene	<12	*+	37	12	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
Trichlorofluoromethane	<32		75	32	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,2,4-Trimethylbenzene	<27		75	27	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
1,3,5-Trimethylbenzene	<28		75	28	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
Vinyl chloride	<20		75	20	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
Xylenes, Total	<16		37	16	ug/Kg	☼	05/05/21 21:33	05/11/21 18:24	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				05/05/21 21:33	05/11/21 18:24	50
Toluene-d8 (Surr)	95		75 - 120				05/05/21 21:33	05/11/21 18:24	50
4-Bromofluorobenzene (Surr)	90		72 - 124				05/05/21 21:33	05/11/21 18:24	50
Dibromofluoromethane (Surr)	112		75 - 120				05/05/21 21:33	05/11/21 18:24	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.2		40	7.2	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Anthracene	<6.7		40	6.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Benzo[a]pyrene	<7.8		40	7.8	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Benzo[b]fluoranthene	<8.7		40	8.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Dibenz(a,h)anthracene	<7.7		40	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Fluoranthene	<7.4		40	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Fluorene	<5.6		40	5.6	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
1-Methylnaphthalene	<9.8		81	9.8	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Phenanthrene	<5.6		40	5.6	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Pyrene	<8.0		40	8.0	ug/Kg	☼	05/10/21 08:42	05/10/21 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	60		43 - 145				05/10/21 08:42	05/10/21 20:45	1
Nitrobenzene-d5 (Surr)	70		37 - 147				05/10/21 08:42	05/10/21 20:45	1
Terphenyl-d14 (Surr)	122		42 - 157				05/10/21 08:42	05/10/21 20:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	☼	05/11/21 08:28	05/12/21 04:45	1
PCB-1221	<9.1		21	9.1	ug/Kg	☼	05/11/21 08:28	05/12/21 04:45	1
PCB-1232	<9.0		21	9.0	ug/Kg	☼	05/11/21 08:28	05/12/21 04:45	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	05/11/21 08:28	05/12/21 04:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	✳	05/11/21 08:28	05/12/21 04:45	1
PCB-1254	<4.5		21	4.5	ug/Kg	✳	05/11/21 08:28	05/12/21 04:45	1
PCB-1260	<10		21	10	ug/Kg	✳	05/11/21 08:28	05/12/21 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		49 - 129				05/11/21 08:28	05/12/21 04:45	1
DCB Decachlorobiphenyl	66		37 - 121				05/11/21 08:28	05/12/21 04:45	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.034		0.24	0.034	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoropentanoic acid (PFPeA)	<0.092		0.24	0.092	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoroheptanoic acid (PFHpA)	<0.035		0.24	0.035	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorooctanoic acid (PFOA)	0.14	J	0.24	0.10	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorododecanoic acid (PFDoA)	<0.080		0.24	0.080	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorotridecanoic acid (PFTTrDA)	<0.061		0.24	0.061	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorotetradecanoic acid (PFTTeA)	<0.065		0.24	0.065	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.60	0.24	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluoronanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorododecanesulfonic acid (PFDoS)	<0.072		0.24	0.072	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Perfluorooctanesulfonamide (FOSA)	<0.098		0.24	0.098	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NMeFOSAA	<0.47		2.4	0.47	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NMeFOSE	<0.085		0.24	0.085	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.022		0.24	0.022	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✳	05/06/21 11:31	05/08/21 06:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150				05/06/21 11:31	05/08/21 06:09	1
13C5 PFPeA	101		25 - 150				05/06/21 11:31	05/08/21 06:09	1
13C2 PFHxA	95		25 - 150				05/06/21 11:31	05/08/21 06:09	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.2

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	106		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C4 PFOA	100		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C5 PFNA	104		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C2 PFDA	91		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C2 PFUnA	100		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C2 PFDoA	98		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C2 PFTeDA	83		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C3 PFBS	85		25 - 150	05/06/21 11:31	05/08/21 06:09	1
18O2 PFHxS	86		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C4 PFOS	79		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C8 FOSA	97		10 - 150	05/06/21 11:31	05/08/21 06:09	1
d3-NMeFOSAA	99		25 - 150	05/06/21 11:31	05/08/21 06:09	1
d5-NEtFOSAA	110		25 - 150	05/06/21 11:31	05/08/21 06:09	1
d-N-MeFOSA-M	73		10 - 150	05/06/21 11:31	05/08/21 06:09	1
d-N-EtFOSA-M	72		10 - 150	05/06/21 11:31	05/08/21 06:09	1
d7-N-MeFOSE-M	96		10 - 150	05/06/21 11:31	05/08/21 06:09	1
d9-N-EtFOSE-M	94		10 - 150	05/06/21 11:31	05/08/21 06:09	1
M2-4:2 FTS	121		25 - 150	05/06/21 11:31	05/08/21 06:09	1
M2-6:2 FTS	116		25 - 150	05/06/21 11:31	05/08/21 06:09	1
M2-8:2 FTS	112		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C3 HFPO-DA	90		25 - 150	05/06/21 11:31	05/08/21 06:09	1
13C2 10:2 FTS	107		25 - 150	05/06/21 11:31	05/08/21 06:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		21	8.5	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Antimony	<0.41		2.1	0.41	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Arsenic	0.65	J	1.0	0.36	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Barium	9.4		1.0	0.12	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Cadmium	0.038	J	0.21	0.038	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Chromium	5.8		1.0	0.52	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Copper	8.1		1.0	0.29	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Iron	5200		21	11	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Lead	2.2		0.52	0.24	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Manganese	140		1.0	0.15	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Nickel	7.5		1.0	0.30	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Selenium	<0.62		1.0	0.62	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Silver	0.17	J	0.52	0.13	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1
Thallium	<0.52		1.0	0.52	mg/Kg	☆	05/10/21 17:06	05/12/21 16:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0066		0.020	0.0066	mg/Kg	☆	05/11/21 14:00	05/12/21 08:08	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Date Collected: 04/28/21 13:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 81.6

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.24	0.033	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluoropentanoic acid (PFPeA)	<0.092		0.24	0.092	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.24	0.034	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorooctanoic acid (PFOA)	0.16	J	0.24	0.10	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorododecanoic acid (PFDoA)	<0.080		0.24	0.080	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorotridecanoic acid (PFTrDA)	<0.061		0.24	0.061	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorotetradecanoic acid (PFTeA)	<0.064		0.24	0.064	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorooctanesulfonic acid (PFOS)	0.47	J	0.59	0.24	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
Perfluorooctanesulfonamide (FOSA)	<0.098		0.24	0.098	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NMeFOSE	<0.084		0.24	0.084	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.24	0.021	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 06:18	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	99		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C5 PFPeA	101		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 PFHxA	90		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C4 PFHpA	96		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C4 PFOA	98		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C5 PFNA	95		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 PFDA	83		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 PFUnA	92		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 PFDoA	98		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 PFTeDA	79		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C3 PFBS	81		25 - 150	05/06/21 11:31	05/08/21 06:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Date Collected: 04/28/21 13:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 81.6

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	80		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C4 PFOS	79		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C8 FOSA	93		10 - 150	05/06/21 11:31	05/08/21 06:18	1
d3-NMeFOSAA	98		25 - 150	05/06/21 11:31	05/08/21 06:18	1
d5-NEtFOSAA	107		25 - 150	05/06/21 11:31	05/08/21 06:18	1
d-N-MeFOSA-M	70		10 - 150	05/06/21 11:31	05/08/21 06:18	1
d-N-EtFOSA-M	66		10 - 150	05/06/21 11:31	05/08/21 06:18	1
d7-N-MeFOSE-M	84		10 - 150	05/06/21 11:31	05/08/21 06:18	1
d9-N-EtFOSE-M	89		10 - 150	05/06/21 11:31	05/08/21 06:18	1
M2-4:2 FTS	114		25 - 150	05/06/21 11:31	05/08/21 06:18	1
M2-6:2 FTS	114		25 - 150	05/06/21 11:31	05/08/21 06:18	1
M2-8:2 FTS	110		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C3 HFPO-DA	91		25 - 150	05/06/21 11:31	05/08/21 06:18	1
13C2 10:2 FTS	102		25 - 150	05/06/21 11:31	05/08/21 06:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		24	10	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Antimony	<0.47		2.4	0.47	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Arsenic	3.0		1.2	0.42	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Barium	55		1.2	0.14	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Cadmium	0.099 J		0.24	0.044	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Chromium	13		1.2	0.60	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Copper	15		1.2	0.34	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Iron	12000		24	13	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Lead	17		0.61	0.28	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Manganese	610		1.2	0.18	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Nickel	15		1.2	0.35	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Selenium	<0.72		1.2	0.72	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Silver	0.19 J		0.61	0.16	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1
Thallium	0.90 J		1.2	0.61	mg/Kg	☼	05/10/21 17:06	05/12/21 16:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0064	mg/Kg	☼	05/11/21 14:00	05/12/21 08:14	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (6-7)

Lab Sample ID: 500-198518-10

Date Collected: 04/28/21 13:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.6

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.21	0.030	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluoropentanoic acid (PFPeA)	<0.083		0.21	0.083	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.21	0.045	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.21	0.031	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorooctanoic acid (PFOA)	0.16	J	0.21	0.092	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorononanoic acid (PFNA)	<0.039		0.21	0.039	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorodecanoic acid (PFDA)	<0.024		0.21	0.024	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.21	0.039	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorododecanoic acid (PFDoA)	<0.072		0.21	0.072	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorotridecanoic acid (PFTrDA)	<0.055		0.21	0.055	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.058		0.21	0.058	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.21	0.027	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.21	0.033	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.21	0.038	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorooctanesulfonic acid (PFOS)	0.24	J	0.54	0.21	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorononanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.21	0.042	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.064		0.21	0.064	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
Perfluorooctanesulfonamide (FOSA)	<0.088		0.21	0.088	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NEtFOSA	<0.026		0.21	0.026	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NMeFOSA	<0.044		0.21	0.044	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NMeFOSAA	<0.42		2.1	0.42	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NEtFOSAA	<0.40		2.1	0.40	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NMeFOSE	<0.076		0.21	0.076	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
NEtFOSE	<0.039		0.21	0.039	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
4:2 FTS	<0.40		2.1	0.40	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
8:2 FTS	<0.27		2.1	0.27	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019		0.21	0.019	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
9Cl-PF3ONS	<0.029		0.21	0.029	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1
11Cl-PF3OUdS	<0.024		0.21	0.024	ug/Kg	✳	05/06/21 11:31	05/08/21 06:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C5 PFPeA	99		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 PFHxA	94		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C4 PFHpA	106		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C4 PFOA	108		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C5 PFNA	102		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 PFDA	100		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 PFUnA	106		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 PFDoA	93		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 PFTeDA	94		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C3 PFBS	92		25 - 150	05/06/21 11:31	05/08/21 06:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (6-7)

Lab Sample ID: 500-198518-10

Date Collected: 04/28/21 13:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.6

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>
18O2 PFHxS	99		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C4 PFOS	93		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C8 FOSA	103		10 - 150	05/06/21 11:31	05/08/21 06:27	1
d3-NMeFOSAA	112		25 - 150	05/06/21 11:31	05/08/21 06:27	1
d5-NEtFOSAA	107		25 - 150	05/06/21 11:31	05/08/21 06:27	1
d-N-MeFOSA-M	78		10 - 150	05/06/21 11:31	05/08/21 06:27	1
d-N-EtFOSA-M	74		10 - 150	05/06/21 11:31	05/08/21 06:27	1
d7-N-MeFOSE-M	99		10 - 150	05/06/21 11:31	05/08/21 06:27	1
d9-N-EtFOSE-M	97		10 - 150	05/06/21 11:31	05/08/21 06:27	1
M2-4:2 FTS	132		25 - 150	05/06/21 11:31	05/08/21 06:27	1
M2-6:2 FTS	125		25 - 150	05/06/21 11:31	05/08/21 06:27	1
M2-8:2 FTS	124		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C3 HFPO-DA	95		25 - 150	05/06/21 11:31	05/08/21 06:27	1
13C2 10:2 FTS	120		25 - 150	05/06/21 11:31	05/08/21 06:27	1

Method: 6010B - Metals (ICP)

<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>
Aluminum	4600		22	8.9	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Antimony	<0.42		2.2	0.42	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Arsenic	0.76	J	1.1	0.37	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Barium	23		1.1	0.12	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Cadmium	0.076	J	0.22	0.039	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Chromium	7.9		1.1	0.54	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Copper	11		1.1	0.31	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Iron	6500		22	11	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Lead	3.3		0.55	0.25	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Manganese	160		1.1	0.16	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Nickel	9.8		1.1	0.32	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Silver	0.15	J	0.55	0.14	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1
Thallium	<0.54		1.1	0.54	mg/Kg	☼	05/10/21 17:06	05/12/21 17:02	1

Method: 7471B - Mercury (CVAA)

<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	<0.0059		0.018	0.0059	mg/Kg	☼	05/11/21 14:00	05/12/21 08:15	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (2-3)

Lab Sample ID: 500-198518-11

Date Collected: 04/28/21 14:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.0

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.034		0.24	0.034	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluoropentanoic acid (PFPeA)	<0.093		0.24	0.093	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorohexanoic acid (PFHxA)	<0.051		0.24	0.051	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluoroheptanoic acid (PFHpA)	<0.035		0.24	0.035	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorooctanoic acid (PFOA)	0.10	J	0.24	0.10	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorododecanoic acid (PFDoA)	<0.081		0.24	0.081	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorotridecanoic acid (PFTrDA)	<0.061		0.24	0.061	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorotetradecanoic acid (PFTeA)	<0.065		0.24	0.065	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.60	0.24	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.072		0.24	0.072	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
Perfluorooctanesulfonamide (FOSA)	<0.099		0.24	0.099	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NMeFOSAA	<0.47		2.4	0.47	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NEtFOSAA	<0.45		2.4	0.45	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NMeFOSE	<0.085		0.24	0.085	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
4:2 FTS	<0.45		2.4	0.45	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.022		0.24	0.022	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 07:04	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C5 PFPeA	106		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 PFHxA	99		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C4 PFHpA	105		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C4 PFOA	104		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C5 PFNA	107		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 PFDA	96		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 PFUnA	114		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 PFDoA	108		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 PFTeDA	90		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C3 PFBS	98		25 - 150	05/06/21 11:31	05/08/21 07:04	1
18O2 PFHxS	104		25 - 150	05/06/21 11:31	05/08/21 07:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (2-3)

Lab Sample ID: 500-198518-11

Date Collected: 04/28/21 14:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.0

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	102		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C8 FOSA	110		10 - 150	05/06/21 11:31	05/08/21 07:04	1
d3-NMeFOSAA	113		25 - 150	05/06/21 11:31	05/08/21 07:04	1
d5-NEtFOSAA	119		25 - 150	05/06/21 11:31	05/08/21 07:04	1
d-N-MeFOSA-M	79		10 - 150	05/06/21 11:31	05/08/21 07:04	1
d-N-EtFOSA-M	75		10 - 150	05/06/21 11:31	05/08/21 07:04	1
d7-N-MeFOSE-M	99		10 - 150	05/06/21 11:31	05/08/21 07:04	1
d9-N-EtFOSE-M	99		10 - 150	05/06/21 11:31	05/08/21 07:04	1
M2-4:2 FTS	120		25 - 150	05/06/21 11:31	05/08/21 07:04	1
M2-6:2 FTS	116		25 - 150	05/06/21 11:31	05/08/21 07:04	1
M2-8:2 FTS	124		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C3 HFPO-DA	94		25 - 150	05/06/21 11:31	05/08/21 07:04	1
13C2 10:2 FTS	123		25 - 150	05/06/21 11:31	05/08/21 07:04	1

Method: 6010B - Metals (ICP)

<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>
Aluminum	6000		22	9.1	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Antimony	<0.43		2.2	0.43	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Arsenic	1.8		1.1	0.38	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Barium	41		1.1	0.13	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Cadmium	0.046	J	0.22	0.040	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Chromium	12		1.1	0.55	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Copper	14		1.1	0.31	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Iron	11000		22	12	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Lead	4.1		0.56	0.26	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Manganese	560		1.1	0.16	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Nickel	15		1.1	0.33	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Selenium	<0.66		1.1	0.66	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Silver	0.14	J	0.56	0.14	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1
Thallium	1.0	J	1.1	0.56	mg/Kg	☼	05/10/21 17:06	05/12/21 17:05	1

Method: 7471B - Mercury (CVAA)

<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	0.014	J	0.018	0.0062	mg/Kg	☼	05/11/21 14:00	05/12/21 08:17	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (6-7)

Lab Sample ID: 500-198518-12

Date Collected: 04/28/21 14:15

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.0

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.23	0.033	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluoropentanoic acid (PFPeA)	<0.090		0.23	0.090	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.23	0.049	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.23	0.034	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorooctanoic acid (PFOA)	<0.10		0.23	0.10	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorodecanoic acid (PFDA)	<0.026		0.23	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorododecanoic acid (PFDoA)	<0.079		0.23	0.079	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorotridecanoic acid (PFTrDA)	<0.060		0.23	0.060	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorotetradecanoic acid (PFTeA)	<0.063		0.23	0.063	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.23	0.041	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.59	0.23	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.23	0.046	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorododecanesulfonic acid (PFDoS)	<0.070		0.23	0.070	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
Perfluorooctanesulfonamide (FOSA)	<0.096		0.23	0.096	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NMeFOSA	<0.048		0.23	0.048	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NMeFOSAA	<0.46		2.3	0.46	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NMeFOSE	<0.083		0.23	0.083	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
6:2 FTS	<0.18		2.3	0.18	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
9Cl-PF3ONS	<0.032		0.23	0.032	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1
11Cl-PF3OUdS	<0.026		0.23	0.026	ug/Kg	✱	05/06/21 11:31	05/08/21 07:13	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	91		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C5 PFPeA	101		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 PFHxA	95		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C4 PFHpA	102		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C4 PFOA	95		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C5 PFNA	92		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 PFDA	88		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 PFUnA	96		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 PFDoA	88		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 PFTeDA	84		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C3 PFBS	74		25 - 150	05/06/21 11:31	05/08/21 07:13	1
18O2 PFHxS	81		25 - 150	05/06/21 11:31	05/08/21 07:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (6-7)

Lab Sample ID: 500-198518-12

Date Collected: 04/28/21 14:15

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.0

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	79		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C8 FOSA	88		10 - 150	05/06/21 11:31	05/08/21 07:13	1
d3-NMeFOSAA	103		25 - 150	05/06/21 11:31	05/08/21 07:13	1
d5-NEtFOSAA	102		25 - 150	05/06/21 11:31	05/08/21 07:13	1
d-N-MeFOSA-M	73		10 - 150	05/06/21 11:31	05/08/21 07:13	1
d-N-EtFOSA-M	68		10 - 150	05/06/21 11:31	05/08/21 07:13	1
d7-N-MeFOSE-M	91		10 - 150	05/06/21 11:31	05/08/21 07:13	1
d9-N-EtFOSE-M	88		10 - 150	05/06/21 11:31	05/08/21 07:13	1
M2-4:2 FTS	129		25 - 150	05/06/21 11:31	05/08/21 07:13	1
M2-6:2 FTS	116		25 - 150	05/06/21 11:31	05/08/21 07:13	1
M2-8:2 FTS	113		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C3 HFPO-DA	91		25 - 150	05/06/21 11:31	05/08/21 07:13	1
13C2 10:2 FTS	105		25 - 150	05/06/21 11:31	05/08/21 07:13	1

Method: 6010B - Metals (ICP)

<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>
Aluminum	4200		23	9.3	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Antimony	<0.44		2.3	0.44	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Arsenic	1.3		1.1	0.39	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Barium	13		1.1	0.13	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Cadmium	0.061	J	0.23	0.041	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Chromium	7.0		1.1	0.56	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Copper	11		1.1	0.32	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Iron	6200		23	12	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Lead	2.6		0.57	0.26	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Manganese	160		1.1	0.16	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Nickel	16		1.1	0.33	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Selenium	0.76	J	1.1	0.67	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Silver	<0.15		0.57	0.15	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1
Thallium	<0.57		1.1	0.57	mg/Kg	☼	05/10/21 17:06	05/12/21 17:09	1

Method: 7471B - Mercury (CVAA)

<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	<0.0064		0.019	0.0064	mg/Kg	☼	05/11/21 14:00	05/12/21 08:19	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Date Collected: 04/28/21 15:20

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Bromobenzene	<26		74	26	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Bromochloromethane	<32	*+	74	32	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Bromodichloromethane	<27		74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Bromoform	<36		74	36	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Bromomethane	<59		220	59	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Carbon tetrachloride	<28		74	28	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Chlorobenzene	<29	*+	74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Chloroethane	<37		74	37	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Chloroform	<27		150	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Chloromethane	<24		74	24	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
2-Chlorotoluene	<23		74	23	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
4-Chlorotoluene	<26		74	26	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Dibromochloromethane	<36	*+	74	36	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2-Dibromoethane	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Dibromomethane	<20		74	20	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Dichlorodifluoromethane	<50	*-	220	50	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1-Dichloroethane	<30		74	30	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2-Dichloroethane	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1-Dichloroethene	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2-Dichloropropane	<32		74	32	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,3-Dichloropropane	<27		74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
2,2-Dichloropropane	<33		74	33	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1-Dichloropropene	<22		74	22	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Ethylbenzene	<14		18	14	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Hexachlorobutadiene	<33		74	33	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Isopropylbenzene	<28		74	28	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Isopropyl ether	<20		74	20	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Methylene Chloride	<120		370	120	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Naphthalene	<25		74	25	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
n-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
N-Propylbenzene	<31		74	31	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
p-Isopropyltoluene	<27		74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
sec-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Styrene	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
tert-Butylbenzene	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1,1,2-Tetrachloroethane	<34	*+	74	34	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1,2,2-Tetrachloroethane	<29		74	29	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Tetrachloroethene	<27	*+	74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Toluene	<11		18	11	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Date Collected: 04/28/21 15:20

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Trichloroethene	<12	*+	37	12	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Trichlorofluoromethane	<32		74	32	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,2,4-Trimethylbenzene	<26		74	26	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Vinyl chloride	<19		74	19	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Xylenes, Total	<16		37	16	ug/Kg	☼	04/28/21 15:30	05/11/21 16:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124				04/28/21 15:30	05/11/21 16:11	50
Dibromofluoromethane (Surr)	113		75 - 120				04/28/21 15:30	05/11/21 16:11	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				04/28/21 15:30	05/11/21 16:11	50
Toluene-d8 (Surr)	94		75 - 120				04/28/21 15:30	05/11/21 16:11	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Acenaphthylene	<5.4		40	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Anthracene	<6.8		40	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Benzo[a]pyrene	<7.9		40	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Benzo[b]fluoranthene	<8.8		40	8.8	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Dibenz(a,h)anthracene	<7.9		40	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Fluoranthene	<7.6		40	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
1-Methylnaphthalene	<9.9		82	9.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Naphthalene	<6.3		40	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Phenanthrene	<5.7		40	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Pyrene	<8.1		40	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59		43 - 145				05/10/21 08:42	05/10/21 21:06	1
Nitrobenzene-d5 (Surr)	63		37 - 147				05/10/21 08:42	05/10/21 21:06	1
Terphenyl-d14 (Surr)	119		42 - 157				05/10/21 08:42	05/10/21 21:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.1		20	7.1	ug/Kg	☼	05/11/21 08:28	05/12/21 05:01	1
PCB-1221	<8.9		20	8.9	ug/Kg	☼	05/11/21 08:28	05/12/21 05:01	1
PCB-1232	<8.8		20	8.8	ug/Kg	☼	05/11/21 08:28	05/12/21 05:01	1
PCB-1242	<6.6		20	6.6	ug/Kg	☼	05/11/21 08:28	05/12/21 05:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Date Collected: 04/28/21 15:20

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.9		20	7.9	ug/Kg	✳	05/11/21 08:28	05/12/21 05:01	1
PCB-1254	<4.3		20	4.3	ug/Kg	✳	05/11/21 08:28	05/12/21 05:01	1
PCB-1260	<9.9		20	9.9	ug/Kg	✳	05/11/21 08:28	05/12/21 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129				05/11/21 08:28	05/12/21 05:01	1
DCB Decachlorobiphenyl	70		37 - 121				05/11/21 08:28	05/12/21 05:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8400		24	9.6	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Antimony	<0.46		2.4	0.46	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Arsenic	2.9		1.2	0.40	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Barium	36		1.2	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Cadmium	<0.042		0.24	0.042	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Chromium	15		1.2	0.58	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Copper	19		1.2	0.33	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Iron	15000		24	12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Lead	4.9		0.59	0.27	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Manganese	240		1.2	0.17	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Nickel	15		1.2	0.34	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Selenium	<0.69		1.2	0.69	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Silver	0.18 J		0.59	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1
Thallium	<0.59		1.2	0.59	mg/Kg	✳	05/10/21 17:06	05/12/21 17:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.019	0.0064	mg/Kg	✳	05/11/21 14:00	05/12/21 08:21	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Date Collected: 04/28/21 15:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		20	11	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Bromobenzene	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Bromochloromethane	<34	*+	79	34	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Bromodichloromethane	<29		79	29	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Bromoform	<38		79	38	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Bromomethane	<63		240	63	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Carbon tetrachloride	<30		79	30	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Chlorobenzene	<30	*+	79	30	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Chloroethane	<40		79	40	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Chloroform	<29		160	29	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Chloromethane	<25		79	25	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
2-Chlorotoluene	<25		79	25	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
4-Chlorotoluene	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Dibromochloromethane	<38	*+	79	38	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,2-Dibromo-3-Chloropropane	<160		390	160	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,2-Dibromoethane	<30		79	30	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Dibromomethane	<21		79	21	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,2-Dichlorobenzene	<26		79	26	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,3-Dichlorobenzene	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Dichlorodifluoromethane	<53	*-	240	53	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,1-Dichloroethane	<32		79	32	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,2-Dichloroethane	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,1-Dichloroethene	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,2-Dichloropropane	<34		79	34	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,3-Dichloropropane	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
2,2-Dichloropropane	<35		79	35	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,1-Dichloropropene	<23		79	23	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Ethylbenzene	<14		20	14	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Hexachlorobutadiene	<35		79	35	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Isopropylbenzene	<30		79	30	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Isopropyl ether	<22		79	22	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Methylene Chloride	<130		390	130	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Naphthalene	<26		79	26	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
n-Butylbenzene	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
N-Propylbenzene	<33		79	33	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
p-Isopropyltoluene	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
sec-Butylbenzene	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Styrene	<30		79	30	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
tert-Butylbenzene	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,1,1,2-Tetrachloroethane	<36	*+	79	36	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
1,1,1,2,2-Tetrachloroethane	<31		79	31	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Tetrachloroethene	<29	*+	79	29	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
Toluene	<12		20	12	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50
trans-1,3-Dichloropropene	<28		79	28	ug/Kg	✱	04/28/21 15:25	05/11/21 16:38	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Date Collected: 04/28/21 15:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
Trichloroethene	<13	*+	39	13	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
Trichlorofluoromethane	<34		79	34	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,2,4-Trimethylbenzene	<28		79	28	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
1,3,5-Trimethylbenzene	<30		79	30	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
Vinyl chloride	<21		79	21	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
Xylenes, Total	<17		39	17	ug/Kg	☼	04/28/21 15:25	05/11/21 16:38	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124				04/28/21 15:25	05/11/21 16:38	50
Dibromofluoromethane (Surr)	115		75 - 120				04/28/21 15:25	05/11/21 16:38	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				04/28/21 15:25	05/11/21 16:38	50
Toluene-d8 (Surr)	94		75 - 120				04/28/21 15:25	05/11/21 16:38	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.7		42	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Acenaphthylene	<5.6		42	5.6	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Anthracene	<7.1		42	7.1	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Benzo[a]anthracene	<5.7		42	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Benzo[a]pyrene	<8.2		42	8.2	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Benzo[b]fluoranthene	<9.2		42	9.2	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Benzo[g,h,i]perylene	<14		42	14	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Benzo[k]fluoranthene	<13		42	13	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Chrysene	<12		42	12	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Dibenz(a,h)anthracene	<8.2		42	8.2	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Fluoranthene	<7.9		42	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Fluorene	<6.0		42	6.0	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Indeno[1,2,3-cd]pyrene	<11		42	11	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
1-Methylnaphthalene	<10		86	10	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
2-Methylnaphthalene	<7.8		86	7.8	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Naphthalene	<6.5		42	6.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Phenanthrene	<5.9		42	5.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Pyrene	<8.5		42	8.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		43 - 145				05/10/21 08:42	05/10/21 21:26	1
Nitrobenzene-d5 (Surr)	72		37 - 147				05/10/21 08:42	05/10/21 21:26	1
Terphenyl-d14 (Surr)	124		42 - 157				05/10/21 08:42	05/10/21 21:26	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.5		21	7.5	ug/Kg	☼	05/11/21 08:28	05/12/21 05:16	1
PCB-1221	<9.3		21	9.3	ug/Kg	☼	05/11/21 08:28	05/12/21 05:16	1
PCB-1232	<9.2		21	9.2	ug/Kg	☼	05/11/21 08:28	05/12/21 05:16	1
PCB-1242	<6.9		21	6.9	ug/Kg	☼	05/11/21 08:28	05/12/21 05:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Date Collected: 04/28/21 15:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 77.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.3		21	8.3	ug/Kg	✳	05/11/21 08:28	05/12/21 05:16	1
PCB-1254	<4.6		21	4.6	ug/Kg	✳	05/11/21 08:28	05/12/21 05:16	1
PCB-1260	<10		21	10	ug/Kg	✳	05/11/21 08:28	05/12/21 05:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		49 - 129				05/11/21 08:28	05/12/21 05:16	1
DCB Decachlorobiphenyl	60		37 - 121				05/11/21 08:28	05/12/21 05:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200		24	9.7	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Antimony	<0.46		2.4	0.46	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Arsenic	2.2		1.2	0.40	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Barium	32		1.2	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Cadmium	<0.043		0.24	0.043	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Chromium	15		1.2	0.58	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Copper	18		1.2	0.33	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Iron	12000		24	12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Lead	4.4		0.59	0.27	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Manganese	210		1.2	0.17	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Nickel	15		1.2	0.34	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Selenium	<0.69		1.2	0.69	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Silver	0.23	J	0.59	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1
Thallium	0.62	J	1.2	0.59	mg/Kg	✳	05/10/21 17:06	05/12/21 17:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.021	0.0068	mg/Kg	✳	05/11/21 14:00	05/12/21 08:28	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Date Collected: 04/28/21 15:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 75.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Bromobenzene	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Bromochloromethane	<36	+	83	36	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Bromodichloromethane	<31		83	31	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Bromoform	<40		83	40	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Bromomethane	<66		250	66	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Carbon tetrachloride	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Chlorobenzene	<32	+	83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Chloroethane	<42		83	42	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Chloroform	<31		170	31	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Chloromethane	<27		83	27	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
2-Chlorotoluene	<26		83	26	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
4-Chlorotoluene	<29		83	29	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
cis-1,2-Dichloroethene	<34		83	34	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
cis-1,3-Dichloropropene	<35		83	35	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Dibromochloromethane	<41	+	83	41	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2-Dibromo-3-Chloropropane	<170		420	170	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2-Dibromoethane	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Dibromomethane	<23		83	23	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2-Dichlorobenzene	<28		83	28	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,3-Dichlorobenzene	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,4-Dichlorobenzene	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Dichlorodifluoromethane	<56		250	56	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1-Dichloroethane	<34		83	34	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2-Dichloroethane	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1-Dichloroethene	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2-Dichloropropane	<36		83	36	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,3-Dichloropropane	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
2,2-Dichloropropane	<37		83	37	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1-Dichloropropene	<25		83	25	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Ethylbenzene	<15		21	15	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Hexachlorobutadiene	<37		83	37	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Isopropylbenzene	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Isopropyl ether	<23		83	23	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Methylene Chloride	<140		420	140	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Methyl tert-butyl ether	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Naphthalene	<28		83	28	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
n-Butylbenzene	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
N-Propylbenzene	<35		83	35	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
p-Isopropyltoluene	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
sec-Butylbenzene	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Styrene	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
tert-Butylbenzene	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1,1,2-Tetrachloroethane	<39	+	83	39	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1,2,2-Tetrachloroethane	<33		83	33	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Tetrachloroethene	<31	+	83	31	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Toluene	<12		21	12	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
trans-1,2-Dichloroethene	<29		83	29	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
trans-1,3-Dichloropropene	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Date Collected: 04/28/21 15:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 75.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<38		83	38	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2,4-Trichlorobenzene	<29		83	29	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1,1-Trichloroethane	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,1,2-Trichloroethane	<29		83	29	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Trichloroethene	<14	*+	42	14	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Trichlorofluoromethane	<36		83	36	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,2,4-Trimethylbenzene	<30		83	30	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
1,3,5-Trimethylbenzene	<32		83	32	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Vinyl chloride	<22		83	22	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50
Xylenes, Total	<18		42	18	ug/Kg	☼	05/05/21 21:34	05/11/21 18:51	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	05/05/21 21:34	05/11/21 18:51	50
Toluene-d8 (Surr)	97		75 - 120	05/05/21 21:34	05/11/21 18:51	50
4-Bromofluorobenzene (Surr)	90		72 - 124	05/05/21 21:34	05/11/21 18:51	50
Dibromofluoromethane (Surr)	109		75 - 120	05/05/21 21:34	05/11/21 18:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.9		44	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Acenaphthylene	<5.8		44	5.8	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Anthracene	<7.3		44	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Benzo[a]anthracene	<5.9		44	5.9	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Benzo[a]pyrene	<8.5		44	8.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Benzo[b]fluoranthene	<9.5		44	9.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Benzo[g,h,i]perylene	<14		44	14	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Benzo[k]fluoranthene	<13		44	13	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Chrysene	<12		44	12	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Dibenz(a,h)anthracene	<8.5		44	8.5	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Fluoranthene	<8.1		44	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Fluorene	<6.2		44	6.2	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Indeno[1,2,3-cd]pyrene	<11		44	11	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
1-Methylnaphthalene	<11		88	11	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
2-Methylnaphthalene	<8.1		88	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Naphthalene	<6.7		44	6.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Phenanthrene	<6.1		44	6.1	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1
Pyrene	<8.7		44	8.7	ug/Kg	☼	05/10/21 08:42	05/10/21 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	68		43 - 145	05/10/21 08:42	05/10/21 21:47	1
Nitrobenzene-d5 (Surr)	70		37 - 147	05/10/21 08:42	05/10/21 21:47	1
Terphenyl-d14 (Surr)	117		42 - 157	05/10/21 08:42	05/10/21 21:47	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.8		22	7.8	ug/Kg	☼	05/11/21 08:28	05/12/21 05:32	1
PCB-1221	<9.7		22	9.7	ug/Kg	☼	05/11/21 08:28	05/12/21 05:32	1
PCB-1232	<9.6		22	9.6	ug/Kg	☼	05/11/21 08:28	05/12/21 05:32	1
PCB-1242	<7.2		22	7.2	ug/Kg	☼	05/11/21 08:28	05/12/21 05:32	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Date Collected: 04/28/21 15:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 75.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.7		22	8.7	ug/Kg	✳	05/11/21 08:28	05/12/21 05:32	1
PCB-1254	<4.7		22	4.7	ug/Kg	✳	05/11/21 08:28	05/12/21 05:32	1
PCB-1260	<11		22	11	ug/Kg	✳	05/11/21 08:28	05/12/21 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		49 - 129				05/11/21 08:28	05/12/21 05:32	1
DCB Decachlorobiphenyl	60		37 - 121				05/11/21 08:28	05/12/21 05:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5100		24	9.8	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Antimony	<0.47		2.4	0.47	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Arsenic	1.5		1.2	0.41	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Barium	17		1.2	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Cadmium	0.072 J		0.24	0.043	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Chromium	8.6		1.2	0.60	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Copper	14		1.2	0.34	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Iron	7600		24	13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Lead	3.4		0.60	0.28	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Manganese	190		1.2	0.17	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Nickel	12		1.2	0.35	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Selenium	<0.71		1.2	0.71	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Silver	<0.16		0.60	0.16	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1
Thallium	<0.60		1.2	0.60	mg/Kg	✳	05/10/21 17:06	05/12/21 17:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0099 J		0.020	0.0067	mg/Kg	✳	05/11/21 14:00	05/12/21 08:30	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: FB-02-210428

Lab Sample ID: 500-198518-16

Date Collected: 04/28/21 15:40

Matrix: Water

Date Received: 05/01/21 09:40

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		05/05/21 19:54	05/09/21 01:49	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorohexanoic acid (PFHxA)	0.63	J	1.8	0.52	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorooctanoic acid (PFOA)	<0.76		1.8	0.76	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluoroundecanoic acid (PFUnA)	<0.98		1.8	0.98	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorohexanesulfonic acid (PFHxS)	<0.51		1.8	0.51	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		05/05/21 19:54	05/09/21 01:49	1
Perfluorooctanesulfonamide (FOSA)	<0.87		1.8	0.87	ng/L		05/05/21 19:54	05/09/21 01:49	1
NEtFOSA	<0.77		1.8	0.77	ng/L		05/05/21 19:54	05/09/21 01:49	1
NMeFOSA	<0.38		1.8	0.38	ng/L		05/05/21 19:54	05/09/21 01:49	1
NMeFOSAA	<1.1		4.4	1.1	ng/L		05/05/21 19:54	05/09/21 01:49	1
NEtFOSAA	<1.2		4.4	1.2	ng/L		05/05/21 19:54	05/09/21 01:49	1
NMeFOSE	<1.2		3.6	1.2	ng/L		05/05/21 19:54	05/09/21 01:49	1
NEtFOSE	<0.76		1.8	0.76	ng/L		05/05/21 19:54	05/09/21 01:49	1
4:2 FTS	<0.21		1.8	0.21	ng/L		05/05/21 19:54	05/09/21 01:49	1
6:2 FTS	<2.2		4.4	2.2	ng/L		05/05/21 19:54	05/09/21 01:49	1
8:2 FTS	<0.41		1.8	0.41	ng/L		05/05/21 19:54	05/09/21 01:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		05/05/21 19:54	05/09/21 01:49	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		05/05/21 19:54	05/09/21 01:49	1
9Cl-PF3ONS	<0.21		1.8	0.21	ng/L		05/05/21 19:54	05/09/21 01:49	1
11Cl-PF3OUdS	<0.28		1.8	0.28	ng/L		05/05/21 19:54	05/09/21 01:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	111		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C5 PFPeA	109		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C2 PFHxA	95		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C4 PFHpA	113		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C4 PFOA	96		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C5 PFNA	106		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C2 PFDA	97		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C2 PFUnA	96		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C2 PFDoA	93		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C2 PFTeDA	94		25 - 150				05/05/21 19:54	05/09/21 01:49	1
13C3 PFBS	95		25 - 150				05/05/21 19:54	05/09/21 01:49	1
18O2 PFHxS	101		25 - 150				05/05/21 19:54	05/09/21 01:49	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: FB-02-210428

Lab Sample ID: 500-198518-16

Date Collected: 04/28/21 15:40

Matrix: Water

Date Received: 05/01/21 09:40

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	102		25 - 150	05/05/21 19:54	05/09/21 01:49	1
13C8 FOSA	105		10 - 150	05/05/21 19:54	05/09/21 01:49	1
d3-NMeFOSAA	93		25 - 150	05/05/21 19:54	05/09/21 01:49	1
d5-NEtFOSAA	96		25 - 150	05/05/21 19:54	05/09/21 01:49	1
d-N-MeFOSA-M	80		10 - 150	05/05/21 19:54	05/09/21 01:49	1
d-N-EtFOSA-M	86		10 - 150	05/05/21 19:54	05/09/21 01:49	1
d7-N-MeFOSE-M	91		10 - 150	05/05/21 19:54	05/09/21 01:49	1
d9-N-EtFOSE-M	94		10 - 150	05/05/21 19:54	05/09/21 01:49	1
M2-4:2 FTS	102		25 - 150	05/05/21 19:54	05/09/21 01:49	1
M2-6:2 FTS	110		25 - 150	05/05/21 19:54	05/09/21 01:49	1
M2-8:2 FTS	113		25 - 150	05/05/21 19:54	05/09/21 01:49	1
13C3 HFPO-DA	95		25 - 150	05/05/21 19:54	05/09/21 01:49	1
13C2 10:2 FTS	116		25 - 150	05/05/21 19:54	05/09/21 01:49	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (3-4)

Lab Sample ID: 500-198518-17

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.5		13	7.5	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Bromobenzene	<18		51	18	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Bromochloromethane	<22	*+	51	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Bromodichloromethane	<19		51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Bromoform	<25		51	25	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Bromomethane	<41		150	41	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Carbon tetrachloride	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Chlorobenzene	<20	*+	51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Chloroethane	<26		51	26	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Chloroform	<19		100	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Chloromethane	<16		51	16	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
2-Chlorotoluene	<16		51	16	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
4-Chlorotoluene	<18		51	18	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
cis-1,2-Dichloroethene	<21		51	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
cis-1,3-Dichloropropene	<21		51	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Dibromochloromethane	<25	*+	51	25	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,2-Dibromo-3-Chloropropane	<100		260	100	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,2-Dibromoethane	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Dibromomethane	<14		51	14	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,2-Dichlorobenzene	<17		51	17	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,3-Dichlorobenzene	<21		51	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,4-Dichlorobenzene	<19		51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Dichlorodifluoromethane	<35	*-	150	35	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,1-Dichloroethane	<21		51	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,2-Dichloroethane	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,1-Dichloroethene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,2-Dichloropropane	<22		51	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,3-Dichloropropane	<19		51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
2,2-Dichloropropane	<23		51	23	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,1-Dichloropropene	<15		51	15	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Ethylbenzene	<9.4		13	9.4	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Hexachlorobutadiene	<23		51	23	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Isopropylbenzene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Isopropyl ether	<14		51	14	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Methylene Chloride	<84		260	84	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Methyl tert-butyl ether	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Naphthalene	<17		51	17	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
n-Butylbenzene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
N-Propylbenzene	<21		51	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
p-Isopropyltoluene	<19		51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
sec-Butylbenzene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Styrene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
tert-Butylbenzene	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,1,1,2-Tetrachloroethane	<24	*+	51	24	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
1,1,2,2-Tetrachloroethane	<20		51	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Tetrachloroethene	<19	*+	51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
Toluene	<7.6		13	7.6	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
trans-1,2-Dichloroethene	<18		51	18	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50
trans-1,3-Dichloropropene	<19		51	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:05	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (3-4)

Lab Sample ID: 500-198518-17

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<24		51	24	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,2,4-Trichlorobenzene	<18		51	18	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,1,1-Trichloroethane	<20		51	20	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,1,2-Trichloroethane	<18		51	18	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
Trichloroethene	15	J**	26	8.4	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
Trichlorofluoromethane	<22		51	22	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,2,4-Trimethylbenzene	<18		51	18	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
1,3,5-Trimethylbenzene	<20		51	20	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
Vinyl chloride	<13		51	13	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
Xylenes, Total	<11		26	11	ug/Kg	☼	04/29/21 09:55	05/11/21 17:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124				04/29/21 09:55	05/11/21 17:05	50
Dibromofluoromethane (Surr)	109		75 - 120				04/29/21 09:55	05/11/21 17:05	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				04/29/21 09:55	05/11/21 17:05	50
Toluene-d8 (Surr)	96		75 - 120				04/29/21 09:55	05/11/21 17:05	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.3		35	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Acenaphthylene	<4.6		35	4.6	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Anthracene	<5.8		35	5.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Benzo[a]anthracene	18	J	35	4.7	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Benzo[a]pyrene	16	J	35	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Benzo[b]fluoranthene	23	J	35	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Benzo[g,h,i]perylene	16	J	35	11	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Benzo[k]fluoranthene	<10		35	10	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Chrysene	24	J	35	9.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Dibenz(a,h)anthracene	<6.8		35	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Fluoranthene	27	J	35	6.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Fluorene	<4.9		35	4.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Indeno[1,2,3-cd]pyrene	11	J	35	9.1	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
1-Methylnaphthalene	29	J	71	8.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
2-Methylnaphthalene	<6.4		71	6.4	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Naphthalene	<5.4		35	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Phenanthrene	15	J	35	4.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Pyrene	26	J	35	6.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	99		43 - 145				05/10/21 08:42	05/10/21 22:08	1
Nitrobenzene-d5 (Surr)	96		37 - 147				05/10/21 08:42	05/10/21 22:08	1
Terphenyl-d14 (Surr)	116		42 - 157				05/10/21 08:42	05/10/21 22:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.2		18	6.2	ug/Kg	☼	05/11/21 08:28	05/12/21 05:47	1
PCB-1221	<7.7		18	7.7	ug/Kg	☼	05/11/21 08:28	05/12/21 05:47	1
PCB-1232	<7.7		18	7.7	ug/Kg	☼	05/11/21 08:28	05/12/21 05:47	1
PCB-1242	<5.8		18	5.8	ug/Kg	☼	05/11/21 08:28	05/12/21 05:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (3-4)

Lab Sample ID: 500-198518-17

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<6.9		18	6.9	ug/Kg	✳	05/11/21 08:28	05/12/21 05:47	1
PCB-1254	<3.8		18	3.8	ug/Kg	✳	05/11/21 08:28	05/12/21 05:47	1
PCB-1260	<8.6		18	8.6	ug/Kg	✳	05/11/21 08:28	05/12/21 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		49 - 129				05/11/21 08:28	05/12/21 05:47	1
DCB Decachlorobiphenyl	59		37 - 121				05/11/21 08:28	05/12/21 05:47	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		21	8.6	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Antimony	<0.41		2.1	0.41	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Arsenic	1.5		1.0	0.36	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Barium	50		1.0	0.12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Cadmium	0.20 J		0.21	0.038	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Chromium	5.7		1.0	0.52	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Copper	24		1.0	0.29	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Iron	6900		21	11	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Lead	22		0.52	0.24	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Manganese	140		1.0	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Nickel	7.5		1.0	0.31	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Selenium	<0.62		1.0	0.62	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Silver	<0.14		0.52	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1
Thallium	<0.52		1.0	0.52	mg/Kg	✳	05/10/21 17:06	05/12/21 17:28	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015 J		0.017	0.0056	mg/Kg	✳	05/11/21 14:00	05/12/21 08:37	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-02-210429

Lab Sample ID: 500-198518-18

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.7		13	7.7	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Bromobenzene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Bromochloromethane	<23	*+	53	23	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Bromodichloromethane	<20		53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Bromoform	<26		53	26	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Bromomethane	<42		160	42	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Carbon tetrachloride	<20		53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Chlorobenzene	<20	*+	53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Chloroethane	<27		53	27	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Chloroform	<20		110	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Chloromethane	<17		53	17	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
2-Chlorotoluene	<17		53	17	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
4-Chlorotoluene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
cis-1,2-Dichloroethene	<22		53	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
cis-1,3-Dichloropropene	<22		53	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Dibromochloromethane	<26	*+	53	26	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,2-Dibromo-3-Chloropropane	<110		260	110	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,2-Dibromoethane	<20		53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Dibromomethane	<14		53	14	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,2-Dichlorobenzene	<18		53	18	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,3-Dichlorobenzene	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,4-Dichlorobenzene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Dichlorodifluoromethane	<36	*-	160	36	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,1-Dichloroethane	<22		53	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,2-Dichloroethane	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,1-Dichloroethene	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,2-Dichloropropane	<23		53	23	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,3-Dichloropropane	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
2,2-Dichloropropane	<24		53	24	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,1-Dichloropropene	<16		53	16	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Ethylbenzene	<9.7		13	9.7	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Hexachlorobutadiene	<24		53	24	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Isopropylbenzene	<20		53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Isopropyl ether	<15		53	15	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Methylene Chloride	<86		260	86	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Methyl tert-butyl ether	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Naphthalene	<18		53	18	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
n-Butylbenzene	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
N-Propylbenzene	<22		53	22	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
p-Isopropyltoluene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
sec-Butylbenzene	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Styrene	<20		53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
tert-Butylbenzene	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,1,1,2-Tetrachloroethane	<24	*+	53	24	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
1,1,2,2-Tetrachloroethane	<21		53	21	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Tetrachloroethene	<20	*+	53	20	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
Toluene	<7.8		13	7.8	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
trans-1,2-Dichloroethene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50
trans-1,3-Dichloropropene	<19		53	19	ug/Kg	✳	04/29/21 09:55	05/11/21 17:31	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-02-210429

Lab Sample ID: 500-198518-18

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<24		53	24	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,2,4-Trichlorobenzene	<18		53	18	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,1,1-Trichloroethane	<20		53	20	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,1,2-Trichloroethane	<19		53	19	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
Trichloroethene	<8.7	*+	26	8.7	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
Trichlorofluoromethane	<23		53	23	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,2,3-Trichloropropane	<22		110	22	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,2,4-Trimethylbenzene	<19		53	19	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
1,3,5-Trimethylbenzene	<20		53	20	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
Vinyl chloride	<14		53	14	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
Xylenes, Total	<12		26	12	ug/Kg	☼	04/29/21 09:55	05/11/21 17:31	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124				04/29/21 09:55	05/11/21 17:31	50
Dibromofluoromethane (Surr)	110		75 - 120				04/29/21 09:55	05/11/21 17:31	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				04/29/21 09:55	05/11/21 17:31	50
Toluene-d8 (Surr)	97		75 - 120				04/29/21 09:55	05/11/21 17:31	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.2		34	6.2	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Acenaphthylene	<4.5		34	4.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Anthracene	<5.7		34	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Benzo[a]anthracene	12	J	34	4.6	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Benzo[a]pyrene	14	J	34	6.6	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Benzo[b]fluoranthene	19	J	34	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Benzo[g,h,i]perylene	12	J	34	11	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Benzo[k]fluoranthene	<10		34	10	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Chrysene	24	J	34	9.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Dibenz(a,h)anthracene	<6.6		34	6.6	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Fluoranthene	24	J	34	6.4	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Fluorene	<4.8		34	4.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Indeno[1,2,3-cd]pyrene	11	J	34	8.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
1-Methylnaphthalene	28	J	69	8.4	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
2-Methylnaphthalene	<6.3		69	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Naphthalene	<5.3		34	5.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Phenanthrene	14	J	34	4.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Pyrene	27	J	34	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		43 - 145				05/10/21 08:42	05/10/21 22:28	1
Nitrobenzene-d5 (Surr)	89		37 - 147				05/10/21 08:42	05/10/21 22:28	1
Terphenyl-d14 (Surr)	130		42 - 157				05/10/21 08:42	05/10/21 22:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.1		17	6.1	ug/Kg	☼	05/11/21 08:28	05/12/21 06:02	1
PCB-1221	<7.5		17	7.5	ug/Kg	☼	05/11/21 08:28	05/12/21 06:02	1
PCB-1232	<7.5		17	7.5	ug/Kg	☼	05/11/21 08:28	05/12/21 06:02	1
PCB-1242	<5.6		17	5.6	ug/Kg	☼	05/11/21 08:28	05/12/21 06:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-02-210429

Lab Sample ID: 500-198518-18

Date Collected: 04/29/21 09:55

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 94.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<6.8		17	6.8	ug/Kg	✳	05/11/21 08:28	05/12/21 06:02	1
PCB-1254	<3.7		17	3.7	ug/Kg	✳	05/11/21 08:28	05/12/21 06:02	1
PCB-1260	<8.4		17	8.4	ug/Kg	✳	05/11/21 08:28	05/12/21 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129				05/11/21 08:28	05/12/21 06:02	1
DCB Decachlorobiphenyl	55		37 - 121				05/11/21 08:28	05/12/21 06:02	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		18	7.5	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Antimony	<0.36		1.8	0.36	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Arsenic	1.3		0.92	0.31	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Barium	61		0.92	0.10	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Cadmium	0.12 J		0.18	0.033	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Chromium	6.4		0.92	0.45	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Copper	17		0.92	0.26	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Iron	6900		18	9.5	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Lead	11		0.46	0.21	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Manganese	160		0.92	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Nickel	7.8		0.92	0.27	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Selenium	<0.54		0.92	0.54	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Silver	<0.12		0.46	0.12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1
Thallium	<0.46		0.92	0.46	mg/Kg	✳	05/10/21 17:06	05/12/21 17:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011 J		0.017	0.0056	mg/Kg	✳	05/11/21 14:00	05/12/21 08:38	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Date Collected: 04/29/21 10:00

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.7		17	9.7	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Bromobenzene	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Bromochloromethane	<28	*+	67	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Bromodichloromethane	<25		67	25	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Bromoform	<32		67	32	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Bromomethane	<53		200	53	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Carbon tetrachloride	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Chlorobenzene	<26	*+	67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Chloroethane	<34		67	34	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Chloroform	<25		130	25	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Chloromethane	<21		67	21	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
2-Chlorotoluene	<21		67	21	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
4-Chlorotoluene	<23		67	23	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Dibromochloromethane	<32	*+	67	32	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2-Dibromoethane	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Dibromomethane	<18		67	18	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Dichlorodifluoromethane	<45	*-	200	45	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1-Dichloroethane	<27		67	27	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2-Dichloroethane	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1-Dichloroethene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2-Dichloropropane	<28		67	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,3-Dichloropropane	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
2,2-Dichloropropane	<30		67	30	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1-Dichloropropene	<20		67	20	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Ethylbenzene	<12		17	12	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Hexachlorobutadiene	<30		67	30	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Isopropylbenzene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Isopropyl ether	<18		67	18	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Methylene Chloride	<110		330	110	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Naphthalene	<22		67	22	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
n-Butylbenzene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
N-Propylbenzene	<28		67	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
p-Isopropyltoluene	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
sec-Butylbenzene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Styrene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
tert-Butylbenzene	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1,1,2-Tetrachloroethane	<31	*+	67	31	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1,1,2,2-Tetrachloroethane	<26		67	26	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Tetrachloroethene	<25	*+	67	25	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Toluene	<9.8		17	9.8	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Date Collected: 04/29/21 10:00

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<30		67	30	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,1,2-Trichloroethane	<23		67	23	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Trichloroethene	<11	*+	33	11	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Trichlorofluoromethane	<28		67	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
1,3,5-Trimethylbenzene	<25		67	25	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Vinyl chloride	<17		67	17	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50
Xylenes, Total	<15		33	15	ug/Kg	☼	04/29/21 10:00	05/11/21 17:58	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124	04/29/21 10:00	05/11/21 17:58	50
Dibromofluoromethane (Surr)	111		75 - 120	04/29/21 10:00	05/11/21 17:58	50
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	04/29/21 10:00	05/11/21 17:58	50
Toluene-d8 (Surr)	98		75 - 120	04/29/21 10:00	05/11/21 17:58	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.7		37	6.7	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Acenaphthylene	<4.9		37	4.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Anthracene	<6.3		37	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Benzo[a]anthracene	<5.0		37	5.0	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Benzo[a]pyrene	<7.3		37	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Benzo[b]fluoranthene	<8.1		37	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Benzo[k]fluoranthene	<11		37	11	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Chrysene	<10		37	10	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Dibenz(a,h)anthracene	<7.3		37	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Fluoranthene	<7.0		37	7.0	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Fluorene	<5.3		37	5.3	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Indeno[1,2,3-cd]pyrene	<9.7		37	9.7	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
1-Methylnaphthalene	<9.2		76	9.2	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
2-Methylnaphthalene	<6.9		76	6.9	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Naphthalene	<5.8		37	5.8	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Phenanthrene	<5.2		37	5.2	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1
Pyrene	<7.5		37	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		43 - 145	05/10/21 08:42	05/10/21 22:50	1
Nitrobenzene-d5 (Surr)	74		37 - 147	05/10/21 08:42	05/10/21 22:50	1
Terphenyl-d14 (Surr)	121		42 - 157	05/10/21 08:42	05/10/21 22:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	05/11/21 08:28	05/12/21 06:18	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	05/11/21 08:28	05/12/21 06:18	1
PCB-1232	<8.1		19	8.1	ug/Kg	☼	05/11/21 08:28	05/12/21 06:18	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	05/11/21 08:28	05/12/21 06:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Date Collected: 04/29/21 10:00

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 88.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	✳	05/11/21 08:28	05/12/21 06:18	1
PCB-1254	<4.0		19	4.0	ug/Kg	✳	05/11/21 08:28	05/12/21 06:18	1
PCB-1260	<9.2		19	9.2	ug/Kg	✳	05/11/21 08:28	05/12/21 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		49 - 129				05/11/21 08:28	05/12/21 06:18	1
DCB Decachlorobiphenyl	72		37 - 121				05/11/21 08:28	05/12/21 06:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2900		21	8.4	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Antimony	<0.40		2.1	0.40	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Arsenic	0.60	J	1.0	0.35	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Barium	15		1.0	0.12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Cadmium	0.052	J	0.21	0.037	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Chromium	5.7		1.0	0.51	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Copper	8.8		1.0	0.29	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Iron	5800		21	11	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Lead	2.9		0.51	0.24	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Manganese	120		1.0	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Nickel	6.5		1.0	0.30	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Selenium	<0.61		1.0	0.61	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Silver	<0.13		0.51	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1
Thallium	<0.51		1.0	0.51	mg/Kg	✳	05/10/21 17:06	05/12/21 17:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0076	J	0.017	0.0058	mg/Kg	✳	05/11/21 14:00	05/12/21 08:40	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Bromobenzene	<27		76	27	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Bromochloromethane	<33	+	76	33	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Bromodichloromethane	<28		76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Bromoform	<37		76	37	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Bromomethane	<61		230	61	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Carbon tetrachloride	<29		76	29	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Chlorobenzene	<29	+	76	29	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Chloroethane	<38		76	38	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Chloroform	<28		150	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Chloromethane	<24		76	24	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
2-Chlorotoluene	<24		76	24	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
4-Chlorotoluene	<27		76	27	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Dibromochloromethane	<37	+	76	37	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,2-Dibromo-3-Chloropropane	<150		380	150	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,2-Dibromoethane	<29		76	29	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Dibromomethane	<21		76	21	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,3-Dichlorobenzene	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,1-Dichloroethane	<31		76	31	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,2-Dichloroethane	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,1-Dichloroethene	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,2-Dichloropropane	<33		76	33	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,3-Dichloropropane	<28		76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
2,2-Dichloropropane	<34		76	34	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,1-Dichloropropene	<23		76	23	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Ethylbenzene	<14		19	14	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Hexachlorobutadiene	<34		76	34	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Isopropylbenzene	<29		76	29	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Isopropyl ether	<21		76	21	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Methylene Chloride	<120		380	120	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Naphthalene	<25		76	25	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
n-Butylbenzene	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
N-Propylbenzene	<32		76	32	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
p-Isopropyltoluene	<28		76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
sec-Butylbenzene	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Styrene	<29		76	29	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
tert-Butylbenzene	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,1,1,2-Tetrachloroethane	<35	+	76	35	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
1,1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Tetrachloroethene	<28	+	76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
Toluene	<11		19	11	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50
trans-1,3-Dichloropropene	<28		76	28	ug/Kg	✳	05/05/21 21:36	05/11/21 19:18	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,1,1-Trichloroethane	<29		76	29	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
Trichloroethene	<12	*+	38	12	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
Trichlorofluoromethane	<33		76	33	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,2,3-Trichloropropane	<32		150	32	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
Vinyl chloride	<20		76	20	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50
Xylenes, Total	<17		38	17	ug/Kg	☼	05/05/21 21:36	05/11/21 19:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 126	05/05/21 21:36	05/11/21 19:18	50
Toluene-d8 (Surr)	96		75 - 120	05/05/21 21:36	05/11/21 19:18	50
4-Bromofluorobenzene (Surr)	89		72 - 124	05/05/21 21:36	05/11/21 19:18	50
Dibromofluoromethane (Surr)	110		75 - 120	05/05/21 21:36	05/11/21 19:18	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Acenaphthylene	<5.4		40	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Anthracene	<6.8		40	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Benzo[a]pyrene	<7.9		40	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Benzo[b]fluoranthene	<8.8		40	8.8	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Dibenz(a,h)anthracene	<7.9		40	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Fluoranthene	<7.6		40	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Fluorene	30	J	40	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
1-Methylnaphthalene	<9.9		82	9.9	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Naphthalene	19	J	40	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Phenanthrene	12	J	40	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1
Pyrene	<8.1		40	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	52		43 - 145	05/10/21 08:42	05/10/21 23:11	1
Nitrobenzene-d5 (Surr)	47		37 - 147	05/10/21 08:42	05/10/21 23:11	1
Terphenyl-d14 (Surr)	127		42 - 157	05/10/21 08:42	05/10/21 23:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	05/11/21 08:28	05/12/21 06:33	1
PCB-1221	<9.0		20	9.0	ug/Kg	☼	05/11/21 08:28	05/12/21 06:33	1
PCB-1232	<8.9		20	8.9	ug/Kg	☼	05/11/21 08:28	05/12/21 06:33	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	05/11/21 08:28	05/12/21 06:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.0		20	8.0	ug/Kg	✳	05/11/21 08:28	05/12/21 06:33	1
PCB-1254	<4.4		20	4.4	ug/Kg	✳	05/11/21 08:28	05/12/21 06:33	1
PCB-1260	<10		20	10	ug/Kg	✳	05/11/21 08:28	05/12/21 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		49 - 129				05/11/21 08:28	05/12/21 06:33	1
DCB Decachlorobiphenyl	110		37 - 121				05/11/21 08:28	05/12/21 06:33	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		22	8.9	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Antimony	<0.42		2.2	0.42	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Arsenic	1.9		1.1	0.37	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Barium	51		1.1	0.12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Cadmium	0.049 J		0.22	0.039	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Chromium	21		1.1	0.54	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Copper	14		1.1	0.30	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Iron	15000		22	11	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Lead	14		0.54	0.25	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Manganese	140		1.1	0.16	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Nickel	18		1.1	0.32	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Selenium	<0.64		1.1	0.64	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Silver	0.36 J		0.54	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1
Thallium	<0.54		1.1	0.54	mg/Kg	✳	05/10/21 17:06	05/12/21 17:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.019	0.0064	mg/Kg	✳	05/11/21 14:00	05/12/21 08:42	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Bromobenzene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Bromochloromethane	<32	+	76	32	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Bromodichloromethane	<28		76	28	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Bromoform	<37		76	37	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Bromomethane	<60		230	60	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Carbon tetrachloride	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Chlorobenzene	<29	+	76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Chloroethane	<38		76	38	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Chloroform	<28		150	28	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Chloromethane	<24		76	24	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
2-Chlorotoluene	<24		76	24	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
4-Chlorotoluene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Dibromochloromethane	<37	+	76	37	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2-Dibromo-3-Chloropropane	<150		380	150	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2-Dibromoethane	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Dibromomethane	<20		76	20	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,3-Dichlorobenzene	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1-Dichloroethane	<31		76	31	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2-Dichloroethane	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1-Dichloroethene	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2-Dichloropropane	<32		76	32	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,3-Dichloropropane	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
2,2-Dichloropropane	<34		76	34	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1-Dichloropropene	<23		76	23	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Ethylbenzene	<14		19	14	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Hexachlorobutadiene	<34		76	34	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Isopropylbenzene	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Isopropyl ether	<21		76	21	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Methylene Chloride	<120		380	120	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Naphthalene	<25		76	25	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
n-Butylbenzene	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
N-Propylbenzene	<31		76	31	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
p-Isopropyltoluene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
sec-Butylbenzene	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Styrene	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
tert-Butylbenzene	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1,1,2-Tetrachloroethane	<35	+	76	35	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Tetrachloroethene	<28	+	76	28	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Toluene	<11		19	11	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
trans-1,3-Dichloropropene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1,1-Trichloroethane	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Trichloroethene	<12	*+	38	12	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Trichlorofluoromethane	<32		76	32	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Vinyl chloride	<20		76	20	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Xylenes, Total	<17		38	17	ug/Kg	☼	05/05/21 21:37	05/11/21 19:44	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				05/05/21 21:37	05/11/21 19:44	50
Toluene-d8 (Surr)	98		75 - 120				05/05/21 21:37	05/11/21 19:44	50
4-Bromofluorobenzene (Surr)	88		72 - 124				05/05/21 21:37	05/11/21 19:44	50
Dibromofluoromethane (Surr)	112		75 - 120				05/05/21 21:37	05/11/21 19:44	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	48		41	7.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Acenaphthylene	<5.4		41	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Anthracene	<6.8		41	6.8	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Benzo[a]anthracene	<5.5		41	5.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Benzo[a]pyrene	<7.9		41	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Benzo[b]fluoranthene	<8.8		41	8.8	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Chrysene	<11		41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Dibenz(a,h)anthracene	<7.9		41	7.9	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Fluoranthene	<7.6		41	7.6	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Fluorene	34 J		41	5.8	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
1-Methylnaphthalene	<10		83	10	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
2-Methylnaphthalene	<7.5		83	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Naphthalene	30 J		41	6.3	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Phenanthrene	15 J		41	5.7	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Pyrene	<8.1		41	8.1	ug/Kg	☼	05/10/21 08:42	05/10/21 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	64		43 - 145				05/10/21 08:42	05/10/21 23:32	1
Nitrobenzene-d5 (Surr)	55		37 - 147				05/10/21 08:42	05/10/21 23:32	1
Terphenyl-d14 (Surr)	122		42 - 157				05/10/21 08:42	05/10/21 23:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.4		21	7.4	ug/Kg	☼	05/12/21 16:09	05/13/21 03:49	1
PCB-1221	<9.2		21	9.2	ug/Kg	☼	05/12/21 16:09	05/13/21 03:49	1
PCB-1232	<9.1		21	9.1	ug/Kg	☼	05/12/21 16:09	05/13/21 03:49	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	05/12/21 16:09	05/13/21 03:49	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.2		21	8.2	ug/Kg	✳	05/12/21 16:09	05/13/21 03:49	1
PCB-1254	<4.5		21	4.5	ug/Kg	✳	05/12/21 16:09	05/13/21 03:49	1
PCB-1260	<10		21	10	ug/Kg	✳	05/12/21 16:09	05/13/21 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		49 - 129				05/12/21 16:09	05/13/21 03:49	1
DCB Decachlorobiphenyl	112		37 - 121				05/12/21 16:09	05/13/21 03:49	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		22	9.1	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Antimony	<0.43		2.2	0.43	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Arsenic	1.4		1.1	0.38	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Barium	36		1.1	0.13	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Cadmium	<0.040		0.22	0.040	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Chromium	17		1.1	0.55	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Copper	11		1.1	0.31	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Iron	12000		22	12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Lead	5.7		0.55	0.26	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Manganese	130		1.1	0.16	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Nickel	15		1.1	0.32	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Selenium	<0.65		1.1	0.65	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Silver	0.27	J	0.55	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1
Thallium	0.55	J	1.1	0.55	mg/Kg	✳	05/10/21 17:06	05/12/21 17:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.020	0.0068	mg/Kg	✳	05/11/21 14:00	05/12/21 08:44	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Date Collected: 04/29/21 12:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Bromobenzene	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Bromochloromethane	<30	+	70	30	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Bromodichloromethane	<26		70	26	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Bromoform	<34		70	34	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Bromomethane	<56		210	56	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Carbon tetrachloride	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Chlorobenzene	<27	+	70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Chloroethane	<35		70	35	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Chloroform	<26		140	26	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Chloromethane	<22		70	22	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
2-Chlorotoluene	<22		70	22	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
4-Chlorotoluene	<24		70	24	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
cis-1,2-Dichloroethene	<29		70	29	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Dibromochloromethane	<34	+	70	34	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2-Dibromo-3-Chloropropane	<140		350	140	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2-Dibromoethane	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Dibromomethane	<19		70	19	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,4-Dichlorobenzene	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1-Dichloroethane	<29		70	29	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2-Dichloroethane	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1-Dichloroethene	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2-Dichloropropane	<30		70	30	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,3-Dichloropropane	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
2,2-Dichloropropane	<31		70	31	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1-Dichloropropene	<21		70	21	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Ethylbenzene	<13		17	13	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Hexachlorobutadiene	<31		70	31	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Isopropylbenzene	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Isopropyl ether	<19		70	19	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Methylene Chloride	<110		350	110	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Methyl tert-butyl ether	<28		70	28	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Naphthalene	<23		70	23	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
n-Butylbenzene	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
N-Propylbenzene	<29		70	29	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
p-Isopropyltoluene	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
sec-Butylbenzene	<28		70	28	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Styrene	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
tert-Butylbenzene	<28		70	28	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1,1,2-Tetrachloroethane	<32	+	70	32	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Tetrachloroethene	<26	+	70	26	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Toluene	<10		17	10	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
trans-1,2-Dichloroethene	<24		70	24	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
trans-1,3-Dichloropropene	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Date Collected: 04/29/21 12:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1,1-Trichloroethane	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Trichloroethene	<11	*+	35	11	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
1,3,5-Trimethylbenzene	<27		70	27	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Xylenes, Total	<15		35	15	ug/Kg	☼	05/05/21 21:39	05/11/21 20:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				05/05/21 21:39	05/11/21 20:11	50
Toluene-d8 (Surr)	96		75 - 120				05/05/21 21:39	05/11/21 20:11	50
4-Bromofluorobenzene (Surr)	89		72 - 124				05/05/21 21:39	05/11/21 20:11	50
Dibromofluoromethane (Surr)	111		75 - 120				05/05/21 21:39	05/11/21 20:11	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.0		38	7.0	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Anthracene	<6.5		38	6.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Benzo[a]anthracene	5.7	J	38	5.2	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Benzo[a]pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Benzo[b]fluoranthene	<8.4		38	8.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Chrysene	<11		38	11	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Fluoranthene	<7.2		38	7.2	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Indeno[1,2,3-cd]pyrene	<10		38	10	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
1-Methylnaphthalene	<9.5		78	9.5	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Naphthalene	<6.0		38	6.0	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Phenanthrene	<5.4		38	5.4	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Pyrene	<7.7		38	7.7	ug/Kg	☼	05/10/21 08:42	05/10/21 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		43 - 145				05/10/21 08:42	05/10/21 23:52	1
Nitrobenzene-d5 (Surr)	81		37 - 147				05/10/21 08:42	05/10/21 23:52	1
Terphenyl-d14 (Surr)	126		42 - 157				05/10/21 08:42	05/10/21 23:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	05/12/21 16:09	05/13/21 04:05	1
PCB-1221	<8.6		19	8.6	ug/Kg	☼	05/12/21 16:09	05/13/21 04:05	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	05/12/21 16:09	05/13/21 04:05	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	05/12/21 16:09	05/13/21 04:05	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Date Collected: 04/29/21 12:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		19	7.7	ug/Kg	✳	05/12/21 16:09	05/13/21 04:05	1
PCB-1254	<4.2		19	4.2	ug/Kg	✳	05/12/21 16:09	05/13/21 04:05	1
PCB-1260	<9.5		19	9.5	ug/Kg	✳	05/12/21 16:09	05/13/21 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		49 - 129				05/12/21 16:09	05/13/21 04:05	1
DCB Decachlorobiphenyl	102		37 - 121				05/12/21 16:09	05/13/21 04:05	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		24	9.8	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Antimony	<0.47		2.4	0.47	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Arsenic	2.5		1.2	0.41	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Barium	41		1.2	0.14	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Cadmium	0.070	J	0.24	0.043	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Chromium	16		1.2	0.59	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Copper	19		1.2	0.34	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Iron	14000		24	12	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Lead	9.4		0.60	0.28	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Manganese	280		1.2	0.17	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Nickel	18		1.2	0.35	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Selenium	<0.70		1.2	0.70	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Silver	0.24	J	0.60	0.15	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1
Thallium	0.85	J	1.2	0.60	mg/Kg	✳	05/10/21 17:06	05/12/21 17:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.019	0.0065	mg/Kg	✳	05/11/21 14:00	05/12/21 08:45	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.7		17	9.7	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Bromobenzene	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Bromochloromethane	<28	*+	66	28	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Bromodichloromethane	<25		66	25	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Bromoform	<32		66	32	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Bromomethane	<53		200	53	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Carbon tetrachloride	<25		66	25	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Chlorobenzene	<26	*+	66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Chloroethane	<33		66	33	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Chloroform	<24		130	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Chloromethane	<21		66	21	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
2-Chlorotoluene	<21		66	21	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
4-Chlorotoluene	<23		66	23	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
cis-1,2-Dichloroethene	<27		66	27	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
cis-1,3-Dichloropropene	<28		66	28	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Dibromochloromethane	<32	*+	66	32	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2-Dibromoethane	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Dibromomethane	<18		66	18	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2-Dichlorobenzene	<22		66	22	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,3-Dichlorobenzene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,4-Dichlorobenzene	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1-Dichloroethane	<27		66	27	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2-Dichloroethane	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1-Dichloroethene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2-Dichloropropane	<28		66	28	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,3-Dichloropropane	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
2,2-Dichloropropane	<29		66	29	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1-Dichloropropene	<20		66	20	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Ethylbenzene	<12		17	12	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Hexachlorobutadiene	<30		66	30	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Isopropylbenzene	<25		66	25	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Isopropyl ether	<18		66	18	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Methylene Chloride	<110		330	110	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Methyl tert-butyl ether	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Naphthalene	<22		66	22	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
n-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
N-Propylbenzene	<27		66	27	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
p-Isopropyltoluene	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
sec-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Styrene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
tert-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1,1,2-Tetrachloroethane	<31	*+	66	31	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1,2,2-Tetrachloroethane	<26		66	26	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Tetrachloroethene	<24	*+	66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Toluene	<9.7		17	9.7	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
trans-1,2-Dichloroethene	<23		66	23	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
trans-1,3-Dichloropropene	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<30		66	30	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2,4-Trichlorobenzene	<23		66	23	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1,1-Trichloroethane	<25		66	25	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,1,2-Trichloroethane	<23		66	23	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Trichloroethene	<11	*+	33	11	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Trichlorofluoromethane	<28		66	28	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2,3-Trichloropropane	<27		130	27	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,2,4-Trimethylbenzene	<24		66	24	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
1,3,5-Trimethylbenzene	<25		66	25	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Vinyl chloride	<17		66	17	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Xylenes, Total	<15		33	15	ug/Kg	☼	05/05/21 21:40	05/11/21 20:38	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 21:40	05/11/21 20:38	50
Toluene-d8 (Surr)	98		75 - 120				05/05/21 21:40	05/11/21 20:38	50
4-Bromofluorobenzene (Surr)	91		72 - 124				05/05/21 21:40	05/11/21 20:38	50
Dibromofluoromethane (Surr)	109		75 - 120				05/05/21 21:40	05/11/21 20:38	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Anthracene	<6.4		38	6.4	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Benzo[a]anthracene	<5.2		38	5.2	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Benzo[a]pyrene	<7.4		38	7.4	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Benzo[b]fluoranthene	<8.3		38	8.3	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Chrysene	<10		38	10	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Dibenz(a,h)anthracene	<7.4		38	7.4	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Fluoranthene	<7.1		38	7.1	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Indeno[1,2,3-cd]pyrene	<9.9		38	9.9	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
1-Methylnaphthalene	<9.4		77	9.4	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
2-Methylnaphthalene	<7.0		77	7.0	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Phenanthrene	<5.3		38	5.3	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Pyrene	<7.6		38	7.6	ug/Kg	☼	05/10/21 08:42	05/11/21 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145				05/10/21 08:42	05/11/21 00:14	1
Nitrobenzene-d5 (Surr)	75		37 - 147				05/10/21 08:42	05/11/21 00:14	1
Terphenyl-d14 (Surr)	121		42 - 157				05/10/21 08:42	05/11/21 00:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	05/12/21 16:09	05/13/21 04:20	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	05/12/21 16:09	05/13/21 04:20	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	05/12/21 16:09	05/13/21 04:20	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	05/12/21 16:09	05/13/21 04:20	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	✳	05/12/21 16:09	05/13/21 04:20	1
PCB-1254	<4.1		19	4.1	ug/Kg	✳	05/12/21 16:09	05/13/21 04:20	1
PCB-1260	<9.3		19	9.3	ug/Kg	✳	05/12/21 16:09	05/13/21 04:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		49 - 129				05/12/21 16:09	05/13/21 04:20	1
DCB Decachlorobiphenyl	79		37 - 121				05/12/21 16:09	05/13/21 04:20	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7700		22	8.8	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Antimony	<0.42		2.2	0.42	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Arsenic	2.3		1.1	0.37	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Barium	32		1.1	0.12	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Cadmium	<0.039		0.22	0.039	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Chromium	12		1.1	0.53	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Copper	16		1.1	0.30	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Iron	11000		22	11	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Lead	4.8		0.54	0.25	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Manganese	240		1.1	0.16	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Nickel	15		1.1	0.31	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Selenium	<0.63		1.1	0.63	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Silver	0.15	J	0.54	0.14	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1
Thallium	0.76	J	1.1	0.54	mg/Kg	✳	05/10/21 17:32	05/11/21 14:31	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.019	0.0063	mg/Kg	✳	05/11/21 14:00	05/12/21 08:51	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.6		16	9.6	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Bromobenzene	<23		66	23	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Bromochloromethane	<28	+	66	28	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Bromodichloromethane	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Bromoform	<32		66	32	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Bromomethane	<52		200	52	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Carbon tetrachloride	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Chlorobenzene	<25	+	66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Chloroethane	<33		66	33	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Chloroform	<24		130	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Chloromethane	<21		66	21	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
2-Chlorotoluene	<21		66	21	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
4-Chlorotoluene	<23		66	23	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
cis-1,2-Dichloroethene	<27		66	27	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
cis-1,3-Dichloropropene	<27		66	27	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Dibromochloromethane	<32	+	66	32	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2-Dibromoethane	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Dibromomethane	<18		66	18	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2-Dichlorobenzene	<22		66	22	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,3-Dichlorobenzene	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,4-Dichlorobenzene	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Dichlorodifluoromethane	<44		200	44	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1-Dichloroethane	<27		66	27	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2-Dichloroethane	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1-Dichloroethene	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2-Dichloropropane	<28		66	28	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,3-Dichloropropane	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
2,2-Dichloropropane	<29		66	29	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1-Dichloropropene	<20		66	20	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Ethylbenzene	<12		16	12	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Hexachlorobutadiene	<29		66	29	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Isopropylbenzene	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Isopropyl ether	<18		66	18	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Methylene Chloride	<110		330	110	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Methyl tert-butyl ether	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Naphthalene	<22		66	22	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
n-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
N-Propylbenzene	<27		66	27	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
p-Isopropyltoluene	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
sec-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Styrene	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
tert-Butylbenzene	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1,1,2-Tetrachloroethane	<30	+	66	30	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1,2,2-Tetrachloroethane	<26		66	26	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Tetrachloroethene	<24	+	66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Toluene	<9.7		16	9.7	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
trans-1,2-Dichloroethene	<23		66	23	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
trans-1,3-Dichloropropene	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<30		66	30	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2,4-Trichlorobenzene	<23		66	23	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1,1-Trichloroethane	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,1,2-Trichloroethane	<23		66	23	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Trichloroethene	<11	*+	33	11	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Trichlorofluoromethane	<28		66	28	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2,3-Trichloropropane	<27		130	27	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,2,4-Trimethylbenzene	<24		66	24	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
1,3,5-Trimethylbenzene	<25		66	25	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Vinyl chloride	<17		66	17	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Xylenes, Total	<14		33	14	ug/Kg	☼	05/05/21 21:42	05/11/21 21:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				05/05/21 21:42	05/11/21 21:05	50
Toluene-d8 (Surr)	98		75 - 120				05/05/21 21:42	05/11/21 21:05	50
4-Bromofluorobenzene (Surr)	90		72 - 124				05/05/21 21:42	05/11/21 21:05	50
Dibromofluoromethane (Surr)	111		75 - 120				05/05/21 21:42	05/11/21 21:05	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.6		37	6.6	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Acenaphthylene	<4.9		37	4.9	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Anthracene	<6.1		37	6.1	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Benzo[a]anthracene	<5.0		37	5.0	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Benzo[a]pyrene	<7.1		37	7.1	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Benzo[b]fluoranthene	<7.9		37	7.9	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Benzo[k]fluoranthene	<11		37	11	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Chrysene	<10		37	10	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Dibenz(a,h)anthracene	<7.1		37	7.1	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Fluoranthene	<6.8		37	6.8	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Fluorene	<5.2		37	5.2	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Indeno[1,2,3-cd]pyrene	<9.5		37	9.5	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
1-Methylnaphthalene	<9.0		74	9.0	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
2-Methylnaphthalene	<6.8		74	6.8	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Naphthalene	<5.7		37	5.7	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Phenanthrene	<5.1		37	5.1	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Pyrene	<7.3		37	7.3	ug/Kg	☼	05/10/21 19:10	05/11/21 10:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	89		43 - 145				05/10/21 19:10	05/11/21 10:48	1
Nitrobenzene-d5 (Surr)	100		37 - 147				05/10/21 19:10	05/11/21 10:48	1
Terphenyl-d14 (Surr)	92		42 - 157				05/10/21 19:10	05/11/21 10:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	05/12/21 16:09	05/13/21 04:36	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	05/12/21 16:09	05/13/21 04:36	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	05/12/21 16:09	05/13/21 04:36	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	05/12/21 16:09	05/13/21 04:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	✳	05/12/21 16:09	05/13/21 04:36	1
PCB-1254	<4.1		19	4.1	ug/Kg	✳	05/12/21 16:09	05/13/21 04:36	1
PCB-1260	<9.3		19	9.3	ug/Kg	✳	05/12/21 16:09	05/13/21 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		49 - 129				05/12/21 16:09	05/13/21 04:36	1
DCB Decachlorobiphenyl	87		37 - 121				05/12/21 16:09	05/13/21 04:36	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4500		22	8.9	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Antimony	<0.42		2.2	0.42	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Arsenic	1.7		1.1	0.37	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Barium	18		1.1	0.12	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Cadmium	<0.039		0.22	0.039	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Chromium	7.5		1.1	0.54	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Copper	11		1.1	0.30	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Iron	7600		22	11	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Lead	3.7		0.54	0.25	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Manganese	160		1.1	0.16	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Nickel	9.8		1.1	0.32	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Selenium	<0.64		1.1	0.64	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Silver	<0.14		0.54	0.14	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1
Thallium	<0.54		1.1	0.54	mg/Kg	✳	05/10/21 17:32	05/11/21 14:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.017	0.0057	mg/Kg	✳	05/11/21 14:00	05/12/21 08:53	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Date Collected: 04/29/21 12:35

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		22	13	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Bromobenzene	<32		89	32	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Bromochloromethane	<38	+	89	38	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Bromodichloromethane	<33		89	33	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Bromoform	<43		89	43	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Bromomethane	<71		270	71	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Carbon tetrachloride	<34		89	34	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Chlorobenzene	<35	+	89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Chloroethane	<45		89	45	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Chloroform	<33		180	33	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Chloromethane	<29		89	29	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
2-Chlorotoluene	<28		89	28	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
4-Chlorotoluene	<31		89	31	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
cis-1,2-Dichloroethene	<36		89	36	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
cis-1,3-Dichloropropene	<37		89	37	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Dibromochloromethane	<44	+	89	44	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2-Dibromo-3-Chloropropane	<180		450	180	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2-Dibromoethane	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Dibromomethane	<24		89	24	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2-Dichlorobenzene	<30		89	30	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,3-Dichlorobenzene	<36		89	36	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,4-Dichlorobenzene	<33		89	33	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1-Dichloroethane	<37		89	37	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2-Dichloroethane	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1-Dichloroethene	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2-Dichloropropane	<38		89	38	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,3-Dichloropropane	<32		89	32	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
2,2-Dichloropropane	<40		89	40	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1-Dichloropropene	<27		89	27	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Hexachlorobutadiene	<40		89	40	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Isopropylbenzene	<34		89	34	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Isopropyl ether	<25		89	25	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Methylene Chloride	<150		450	150	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Methyl tert-butyl ether	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Naphthalene	<30		89	30	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
n-Butylbenzene	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
N-Propylbenzene	<37		89	37	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
p-Isopropyltoluene	<32		89	32	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
sec-Butylbenzene	<36		89	36	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Styrene	<35		89	35	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
tert-Butylbenzene	<36		89	36	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1,1,2-Tetrachloroethane	<41	+	89	41	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1,2,2-Tetrachloroethane	<36		89	36	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Tetrachloroethene	<33	+	89	33	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Toluene	<13		22	13	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
trans-1,2-Dichloroethene	<31		89	31	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
trans-1,3-Dichloropropene	<32		89	32	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Date Collected: 04/29/21 12:35

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<41		89	41	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2,4-Trichlorobenzene	<31		89	31	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1,1-Trichloroethane	<34		89	34	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,1,2-Trichloroethane	<31		89	31	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Trichloroethene	<15	*+	45	15	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Trichlorofluoromethane	<38		89	38	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,2,4-Trimethylbenzene	<32		89	32	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
1,3,5-Trimethylbenzene	<34		89	34	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Vinyl chloride	<23		89	23	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50
Xylenes, Total	<20		45	20	ug/Kg	☼	05/05/21 21:43	05/11/21 21:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 126	05/05/21 21:43	05/11/21 21:31	50
Toluene-d8 (Surr)	95		75 - 120	05/05/21 21:43	05/11/21 21:31	50
4-Bromofluorobenzene (Surr)	88		72 - 124	05/05/21 21:43	05/11/21 21:31	50
Dibromofluoromethane (Surr)	113		75 - 120	05/05/21 21:43	05/11/21 21:31	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<8.0		44	8.0	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Acenaphthylene	8.4	J	44	5.9	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Anthracene	<7.4		44	7.4	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Benzo[a]anthracene	16	J	44	6.0	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Benzo[a]pyrene	17	J	44	8.6	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Benzo[b]fluoranthene	23	J	44	9.6	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Benzo[g,h,i]perylene	<14		44	14	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Benzo[k]fluoranthene	<13		44	13	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Chrysene	19	J	44	12	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Dibenz(a,h)anthracene	<8.6		44	8.6	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Fluoranthene	34	J	44	8.3	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Fluorene	8.0	J	44	6.3	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Indeno[1,2,3-cd]pyrene	<12		44	12	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
1-Methylnaphthalene	<11		90	11	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
2-Methylnaphthalene	<8.2		90	8.2	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Naphthalene	21	J	44	6.8	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Phenanthrene	33	J	44	6.2	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1
Pyrene	34	J	44	8.8	ug/Kg	☼	05/10/21 19:10	05/11/21 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		43 - 145	05/10/21 19:10	05/11/21 16:29	1
Nitrobenzene-d5 (Surr)	100		37 - 147	05/10/21 19:10	05/11/21 16:29	1
Terphenyl-d14 (Surr)	97		42 - 157	05/10/21 19:10	05/11/21 16:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<8.1		23	8.1	ug/Kg	☼	05/12/21 16:09	05/13/21 04:51	1
PCB-1221	<10		23	10	ug/Kg	☼	05/12/21 16:09	05/13/21 04:51	1
PCB-1232	<9.9		23	9.9	ug/Kg	☼	05/12/21 16:09	05/13/21 04:51	1
PCB-1242	<7.5		23	7.5	ug/Kg	☼	05/12/21 16:09	05/13/21 04:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Date Collected: 04/29/21 12:35

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 71.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<9.0		23	9.0	ug/Kg	✳	05/12/21 16:09	05/13/21 04:51	1
PCB-1254	<4.9		23	4.9	ug/Kg	✳	05/12/21 16:09	05/13/21 04:51	1
PCB-1260	<11		23	11	ug/Kg	✳	05/12/21 16:09	05/13/21 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		49 - 129				05/12/21 16:09	05/13/21 04:51	1
DCB Decachlorobiphenyl	71		37 - 121				05/12/21 16:09	05/13/21 04:51	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		26	10	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Antimony	<0.50		2.6	0.50	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Arsenic	1.6		1.3	0.44	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Barium	42		1.3	0.15	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Cadmium	0.11 J		0.26	0.046	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Chromium	13		1.3	0.63	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Copper	12		1.3	0.36	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Iron	9700		26	13	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Lead	6.4		0.64	0.30	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Manganese	250		1.3	0.19	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Nickel	12		1.3	0.37	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Selenium	<0.75		1.3	0.75	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Silver	<0.17		0.64	0.17	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1
Thallium	0.91 J		1.3	0.64	mg/Kg	✳	05/10/21 17:32	05/11/21 14:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.022	0.0073	mg/Kg	✳	05/11/21 14:00	05/12/21 08:59	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-01-210430

Lab Sample ID: 500-198518-26

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Bromobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Bromochloromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Bromodichloromethane	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Bromoform	<24		50	24	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Bromomethane	<40		150	40	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Carbon tetrachloride	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Chlorobenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Chloroethane	<25		50	25	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Chloroform	<19		100	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Chloromethane	<16		50	16	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
2-Chlorotoluene	<16		50	16	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
4-Chlorotoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Dibromochloromethane	<24		50	24	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2-Dibromoethane	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Dibromomethane	<14		50	14	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Dichlorodifluoromethane	<34	*	150	34	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1-Dichloroethane	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2-Dichloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2-Dichloropropane	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,3-Dichloropropane	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
2,2-Dichloropropane	<22		50	22	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1-Dichloropropene	<15		50	15	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Hexachlorobutadiene	<22		50	22	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Isopropylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Isopropyl ether	<14		50	14	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Methylene Chloride	<82		250	82	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Naphthalene	<17		50	17	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
n-Butylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
N-Propylbenzene	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
p-Isopropyltoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
sec-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Styrene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
tert-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Tetrachloroethene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Toluene	<7.4		13	7.4	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-01-210430

Lab Sample ID: 500-198518-26

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Trichloroethene	<8.2		25	8.2	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Trichlorofluoromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Vinyl chloride	<13		50	13	ug/Kg		04/26/21 00:00	05/07/21 23:54	50
Xylenes, Total	<11		25	11	ug/Kg		04/26/21 00:00	05/07/21 23:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		72 - 124	04/26/21 00:00	05/07/21 23:54	50
Dibromofluoromethane (Surr)	95		75 - 120	04/26/21 00:00	05/07/21 23:54	50
1,2-Dichloroethane-d4 (Surr)	99		75 - 126	04/26/21 00:00	05/07/21 23:54	50
Toluene-d8 (Surr)	99		75 - 120	04/26/21 00:00	05/07/21 23:54	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-02-210430

Lab Sample ID: 500-198518-27

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Bromobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Bromochloromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Bromodichloromethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Bromoform	<24		50	24	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Bromomethane	<40		150	40	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Carbon tetrachloride	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Chlorobenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Chloroethane	<25		50	25	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Chloroform	<19		100	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Chloromethane	<16		50	16	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
2-Chlorotoluene	<16		50	16	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
4-Chlorotoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Dibromochloromethane	<24		50	24	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2-Dibromo-3-Chloropropane	<100	*	250	100	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2-Dibromoethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Dibromomethane	<14		50	14	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1-Dichloroethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2-Dichloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2-Dichloropropane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,3-Dichloropropane	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
2,2-Dichloropropane	<22		50	22	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1-Dichloropropene	<15		50	15	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Hexachlorobutadiene	<22		50	22	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Isopropylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Isopropyl ether	<14		50	14	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Methylene Chloride	<82		250	82	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Naphthalene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
n-Butylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
N-Propylbenzene	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
p-Isopropyltoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
sec-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Styrene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
tert-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Tetrachloroethene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Toluene	<7.4		13	7.4	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-02-210430

Lab Sample ID: 500-198518-27

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Trichloroethene	<8.2		25	8.2	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Trichlorofluoromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Vinyl chloride	<13		50	13	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Xylenes, Total	<11		25	11	ug/Kg		04/26/21 00:00	05/08/21 00:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124				04/26/21 00:00	05/08/21 00:19	50
Dibromofluoromethane (Surr)	93		75 - 120				04/26/21 00:00	05/08/21 00:19	50
1,2-Dichloroethane-d4 (Surr)	99		75 - 126				04/26/21 00:00	05/08/21 00:19	50
Toluene-d8 (Surr)	100		75 - 120				04/26/21 00:00	05/08/21 00:19	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-03-210430

Lab Sample ID: 500-198518-28

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Bromobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Bromochloromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Bromodichloromethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Bromoform	<24		50	24	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Bromomethane	<40		150	40	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Carbon tetrachloride	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Chlorobenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Chloroethane	<25		50	25	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Chloroform	<19		100	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Chloromethane	<16		50	16	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
2-Chlorotoluene	<16		50	16	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
4-Chlorotoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Dibromochloromethane	<24		50	24	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2-Dibromo-3-Chloropropane	<100	*	250	100	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2-Dibromoethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Dibromomethane	<14		50	14	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1-Dichloroethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2-Dichloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1-Dichloroethene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2-Dichloropropane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,3-Dichloropropane	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
2,2-Dichloropropane	<22		50	22	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1-Dichloropropene	<15		50	15	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Hexachlorobutadiene	<22		50	22	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Isopropylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Isopropyl ether	<14		50	14	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Methylene Chloride	<82		250	82	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Naphthalene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
n-Butylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
N-Propylbenzene	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
p-Isopropyltoluene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
sec-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Styrene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
tert-Butylbenzene	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Tetrachloroethene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Toluene	<7.4		13	7.4	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: TB-03-210430

Lab Sample ID: 500-198518-28

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Trichloroethene	11	J	25	8.2	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Trichlorofluoromethane	<21		50	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Vinyl chloride	<13		50	13	ug/Kg		04/26/21 00:00	05/08/21 00:44	50
Xylenes, Total	<11		25	11	ug/Kg		04/26/21 00:00	05/08/21 00:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		72 - 124	04/26/21 00:00	05/08/21 00:44	50
Dibromofluoromethane (Surr)	92		75 - 120	04/26/21 00:00	05/08/21 00:44	50
1,2-Dichloroethane-d4 (Surr)	99		75 - 126	04/26/21 00:00	05/08/21 00:44	50
Toluene-d8 (Surr)	100		75 - 120	04/26/21 00:00	05/08/21 00:44	50

Definitions/Glossary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

GC Semi VOA

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.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Glossary (Continued)

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

GC/MS VOA

Prep Batch: 596558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	5035	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	5035	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	5035	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	5035	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	5035	
500-198518-7	DUP-01-210428	Total/NA	Solid	5035	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	5035	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	5035	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	5035	
500-198518-18	DUP-02-210429	Total/NA	Solid	5035	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	5035	
500-198518-26	TB-01-210430	Total/NA	Solid	5035	
LB3 500-596558/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-596558/22-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 596559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-27	TB-02-210430	Total/NA	Solid	5035	
500-198518-28	TB-03-210430	Total/NA	Solid	5035	
LB3 500-596559/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-596559/22-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 597041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-8	SB-201 (5-6)	Total/NA	Solid	5030B	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	5030B	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	5030B	
500-198518-21	DUP-03-210429	Total/NA	Solid	5030B	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	5030B	
500-198518-23	SB-223 (11-12)	Total/NA	Solid	5030B	
500-198518-24	DUP-04-210429	Total/NA	Solid	5030B	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	5030B	

Analysis Batch: 597468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	8260B	596558
500-198518-2	SB-214 (2-3)	Total/NA	Solid	8260B	596558
500-198518-3	SB-214 (7-8)	Total/NA	Solid	8260B	596558
500-198518-4	SB-214 (10-11)	Total/NA	Solid	8260B	596558
500-198518-26	TB-01-210430	Total/NA	Solid	8260B	596558
500-198518-27	TB-02-210430	Total/NA	Solid	8260B	596559
500-198518-28	TB-03-210430	Total/NA	Solid	8260B	596559
LB3 500-596558/21-A	Method Blank	Total/NA	Solid	8260B	596558
MB 500-597468/29	Method Blank	Total/NA	Solid	8260B	
LCS 500-596558/22-A	Lab Control Sample	Total/NA	Solid	8260B	596558
LCS 500-597468/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 597585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-596559/21-A	Method Blank	Total/NA	Solid	8260B	596559
MB 500-597585/6	Method Blank	Total/NA	Solid	8260B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

GC/MS VOA (Continued)

Analysis Batch: 597585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-597585/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 597647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-597647/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-596559/22-A	Lab Control Sample	Total/NA	Solid	8260B	596559
LCS 500-597647/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 598070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-6	SB-201 (3-4)	Total/NA	Solid	8260B	596558
500-198518-7	DUP-01-210428	Total/NA	Solid	8260B	596558
500-198518-8	SB-201 (5-6)	Total/NA	Solid	8260B	597041
500-198518-13	SB-204 (2-3)	Total/NA	Solid	8260B	596558
500-198518-14	SB-204 (6-7)	Total/NA	Solid	8260B	596558
500-198518-15	SB-204 (10-11)	Total/NA	Solid	8260B	597041
500-198518-17	MW-224 (3-4)	Total/NA	Solid	8260B	596558
500-198518-18	DUP-02-210429	Total/NA	Solid	8260B	596558
500-198518-19	MW-224 (10-11)	Total/NA	Solid	8260B	596558
500-198518-20	MW-224 (12-13)	Total/NA	Solid	8260B	597041
500-198518-21	DUP-03-210429	Total/NA	Solid	8260B	597041
500-198518-22	SB-223 (3-4)	Total/NA	Solid	8260B	597041
500-198518-23	SB-223 (11-12)	Total/NA	Solid	8260B	597041
500-198518-24	DUP-04-210429	Total/NA	Solid	8260B	597041
500-198518-25	SB-223 (17-18)	Total/NA	Solid	8260B	597041
MB 500-598070/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-598070/4	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 597787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	3541	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	3541	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	3541	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	3541	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	3541	
500-198518-7	DUP-01-210428	Total/NA	Solid	3541	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	3541	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	3541	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	3541	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	3541	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	3541	
500-198518-18	DUP-02-210429	Total/NA	Solid	3541	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	3541	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	3541	
500-198518-21	DUP-03-210429	Total/NA	Solid	3541	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	3541	
500-198518-23	SB-223 (11-12)	Total/NA	Solid	3541	
MB 500-597787/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-597787/2-A	Lab Control Sample	Total/NA	Solid	3541	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

GC/MS Semi VOA (Continued)

Prep Batch: 597787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1 MS	SB-200 (2-3)	Total/NA	Solid	3541	
500-198518-1 MSD	SB-200 (2-3)	Total/NA	Solid	3541	

Analysis Batch: 597897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-597787/1-A	Method Blank	Total/NA	Solid	8270D	597787
LCS 500-597787/2-A	Lab Control Sample	Total/NA	Solid	8270D	597787

Analysis Batch: 597911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	8270D	597787
500-198518-2	SB-214 (2-3)	Total/NA	Solid	8270D	597787
500-198518-3	SB-214 (7-8)	Total/NA	Solid	8270D	597787
500-198518-4	SB-214 (10-11)	Total/NA	Solid	8270D	597787
500-198518-6	SB-201 (3-4)	Total/NA	Solid	8270D	597787
500-198518-7	DUP-01-210428	Total/NA	Solid	8270D	597787
500-198518-8	SB-201 (5-6)	Total/NA	Solid	8270D	597787
500-198518-13	SB-204 (2-3)	Total/NA	Solid	8270D	597787
500-198518-14	SB-204 (6-7)	Total/NA	Solid	8270D	597787
500-198518-15	SB-204 (10-11)	Total/NA	Solid	8270D	597787
500-198518-17	MW-224 (3-4)	Total/NA	Solid	8270D	597787
500-198518-18	DUP-02-210429	Total/NA	Solid	8270D	597787
500-198518-19	MW-224 (10-11)	Total/NA	Solid	8270D	597787
500-198518-20	MW-224 (12-13)	Total/NA	Solid	8270D	597787
500-198518-21	DUP-03-210429	Total/NA	Solid	8270D	597787
500-198518-22	SB-223 (3-4)	Total/NA	Solid	8270D	597787
500-198518-23	SB-223 (11-12)	Total/NA	Solid	8270D	597787
500-198518-1 MS	SB-200 (2-3)	Total/NA	Solid	8270D	597787
500-198518-1 MSD	SB-200 (2-3)	Total/NA	Solid	8270D	597787

Prep Batch: 597931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-24	DUP-04-210429	Total/NA	Solid	3541	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	3541	
MB 500-597931/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-597931/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 598004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-597931/1-A	Method Blank	Total/NA	Solid	8270D	597931
LCS 500-597931/2-A	Lab Control Sample	Total/NA	Solid	8270D	597931

Analysis Batch: 598015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-24	DUP-04-210429	Total/NA	Solid	8270D	597931
500-198518-25	SB-223 (17-18)	Total/NA	Solid	8270D	597931

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

GC Semi VOA

Prep Batch: 598013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	3541	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	3541	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	3541	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	3541	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	3541	
500-198518-7	DUP-01-210428	Total/NA	Solid	3541	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	3541	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	3541	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	3541	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	3541	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	3541	
500-198518-18	DUP-02-210429	Total/NA	Solid	3541	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	3541	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	3541	
MB 500-598013/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598013/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 598210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	8082A	598013
500-198518-2	SB-214 (2-3)	Total/NA	Solid	8082A	598013
500-198518-3	SB-214 (7-8)	Total/NA	Solid	8082A	598013
500-198518-4	SB-214 (10-11)	Total/NA	Solid	8082A	598013
500-198518-6	SB-201 (3-4)	Total/NA	Solid	8082A	598013
500-198518-7	DUP-01-210428	Total/NA	Solid	8082A	598013
500-198518-8	SB-201 (5-6)	Total/NA	Solid	8082A	598013
500-198518-13	SB-204 (2-3)	Total/NA	Solid	8082A	598013
500-198518-14	SB-204 (6-7)	Total/NA	Solid	8082A	598013
500-198518-15	SB-204 (10-11)	Total/NA	Solid	8082A	598013
500-198518-17	MW-224 (3-4)	Total/NA	Solid	8082A	598013
500-198518-18	DUP-02-210429	Total/NA	Solid	8082A	598013
500-198518-19	MW-224 (10-11)	Total/NA	Solid	8082A	598013
500-198518-20	MW-224 (12-13)	Total/NA	Solid	8082A	598013
MB 500-598013/1-A	Method Blank	Total/NA	Solid	8082A	598013
LCS 500-598013/2-A	Lab Control Sample	Total/NA	Solid	8082A	598013

Prep Batch: 598405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-21	DUP-03-210429	Total/NA	Solid	3541	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	3541	
500-198518-23	SB-223 (11-12)	Total/NA	Solid	3541	
500-198518-24	DUP-04-210429	Total/NA	Solid	3541	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	3541	
MB 500-598405/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598405/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 598478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-21	DUP-03-210429	Total/NA	Solid	8082A	598405
500-198518-22	SB-223 (3-4)	Total/NA	Solid	8082A	598405
500-198518-23	SB-223 (11-12)	Total/NA	Solid	8082A	598405

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

GC Semi VOA (Continued)

Analysis Batch: 598478 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-24	DUP-04-210429	Total/NA	Solid	8082A	598405
500-198518-25	SB-223 (17-18)	Total/NA	Solid	8082A	598405
MB 500-598405/1-A	Method Blank	Total/NA	Solid	8082A	598405
LCS 500-598405/2-A	Lab Control Sample	Total/NA	Solid	8082A	598405

LCMS

Prep Batch: 486403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-5	FB-01-210427	Total/NA	Water	3535	
500-198518-16	FB-02-210428	Total/NA	Water	3535	
MB 320-486403/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-486403/2-A	Lab Control Sample	Total/NA	Water	3535	
LCS 320-486403/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 486610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-2	SB-214 (2-3)	Total/NA	Solid	SHAKE	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	SHAKE	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	SHAKE	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	SHAKE	
500-198518-7	DUP-01-210428	Total/NA	Solid	SHAKE	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	SHAKE	
500-198518-9	SB-203 (2-3)	Total/NA	Solid	SHAKE	
500-198518-10	SB-203 (6-7)	Total/NA	Solid	SHAKE	
500-198518-11	SB-202 (2-3)	Total/NA	Solid	SHAKE	
500-198518-12	SB-202 (6-7)	Total/NA	Solid	SHAKE	
MB 320-486610/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-486610/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
500-198518-12 MS	SB-202 (6-7)	Total/NA	Solid	SHAKE	
500-198518-12 MSD	SB-202 (6-7)	Total/NA	Solid	SHAKE	

Analysis Batch: 487275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-2	SB-214 (2-3)	Total/NA	Solid	537 (modified)	486610
500-198518-3	SB-214 (7-8)	Total/NA	Solid	537 (modified)	486610
500-198518-4	SB-214 (10-11)	Total/NA	Solid	537 (modified)	486610
500-198518-6	SB-201 (3-4)	Total/NA	Solid	537 (modified)	486610
500-198518-7	DUP-01-210428	Total/NA	Solid	537 (modified)	486610
500-198518-8	SB-201 (5-6)	Total/NA	Solid	537 (modified)	486610
500-198518-9	SB-203 (2-3)	Total/NA	Solid	537 (modified)	486610
500-198518-10	SB-203 (6-7)	Total/NA	Solid	537 (modified)	486610
500-198518-11	SB-202 (2-3)	Total/NA	Solid	537 (modified)	486610
500-198518-12	SB-202 (6-7)	Total/NA	Solid	537 (modified)	486610
MB 320-486610/1-A	Method Blank	Total/NA	Solid	537 (modified)	486610
LCS 320-486610/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	486610
500-198518-12 MS	SB-202 (6-7)	Total/NA	Solid	537 (modified)	486610
500-198518-12 MSD	SB-202 (6-7)	Total/NA	Solid	537 (modified)	486610

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

LCMS

Analysis Batch: 487411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-16	FB-02-210428	Total/NA	Water	537 (modified)	486403
MB 320-486403/1-A	Method Blank	Total/NA	Water	537 (modified)	486403
LCS 320-486403/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	486403
LCSD 320-486403/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	486403

Analysis Batch: 487929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-5	FB-01-210427	Total/NA	Water	537 (modified)	486403

Metals

Prep Batch: 597918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	3050B	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	3050B	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	3050B	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	3050B	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	3050B	
500-198518-7	DUP-01-210428	Total/NA	Solid	3050B	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	3050B	
500-198518-9	SB-203 (2-3)	Total/NA	Solid	3050B	
500-198518-10	SB-203 (6-7)	Total/NA	Solid	3050B	
500-198518-11	SB-202 (2-3)	Total/NA	Solid	3050B	
500-198518-12	SB-202 (6-7)	Total/NA	Solid	3050B	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	3050B	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	3050B	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	3050B	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	3050B	
500-198518-18	DUP-02-210429	Total/NA	Solid	3050B	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	3050B	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	3050B	
500-198518-21	DUP-03-210429	Total/NA	Solid	3050B	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	3050B	
MB 500-597918/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-597918/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-198518-1 MS	SB-200 (2-3)	Total/NA	Solid	3050B	
500-198518-1 MSD	SB-200 (2-3)	Total/NA	Solid	3050B	
500-198518-1 DU	SB-200 (2-3)	Total/NA	Solid	3050B	

Prep Batch: 597920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-23	SB-223 (11-12)	Total/NA	Solid	3050B	
500-198518-24	DUP-04-210429	Total/NA	Solid	3050B	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	3050B	
MB 500-597920/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-597920/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 598077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	7471B	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	7471B	

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Metals (Continued)

Prep Batch: 598077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-3	SB-214 (7-8)	Total/NA	Solid	7471B	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	7471B	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	7471B	
500-198518-7	DUP-01-210428	Total/NA	Solid	7471B	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	7471B	
500-198518-9	SB-203 (2-3)	Total/NA	Solid	7471B	
500-198518-10	SB-203 (6-7)	Total/NA	Solid	7471B	
500-198518-11	SB-202 (2-3)	Total/NA	Solid	7471B	
500-198518-12	SB-202 (6-7)	Total/NA	Solid	7471B	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	7471B	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	7471B	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	7471B	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	7471B	
500-198518-18	DUP-02-210429	Total/NA	Solid	7471B	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	7471B	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	7471B	
500-198518-21	DUP-03-210429	Total/NA	Solid	7471B	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	7471B	
MB 500-598077/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-598077/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-198518-13 MS	SB-204 (2-3)	Total/NA	Solid	7471B	
500-198518-13 MSD	SB-204 (2-3)	Total/NA	Solid	7471B	
500-198518-13 DU	SB-204 (2-3)	Total/NA	Solid	7471B	

Prep Batch: 598078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-23	SB-223 (11-12)	Total/NA	Solid	7471B	
500-198518-24	DUP-04-210429	Total/NA	Solid	7471B	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	7471B	
MB 500-598078/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-598078/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 598227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-23	SB-223 (11-12)	Total/NA	Solid	6010B	597920
500-198518-24	DUP-04-210429	Total/NA	Solid	6010B	597920
500-198518-25	SB-223 (17-18)	Total/NA	Solid	6010B	597920
MB 500-597920/1-A	Method Blank	Total/NA	Solid	6010B	597920
LCS 500-597920/2-A	Lab Control Sample	Total/NA	Solid	6010B	597920

Analysis Batch: 598324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	7471B	598077
500-198518-2	SB-214 (2-3)	Total/NA	Solid	7471B	598077
500-198518-3	SB-214 (7-8)	Total/NA	Solid	7471B	598077
500-198518-4	SB-214 (10-11)	Total/NA	Solid	7471B	598077
500-198518-6	SB-201 (3-4)	Total/NA	Solid	7471B	598077
500-198518-7	DUP-01-210428	Total/NA	Solid	7471B	598077
500-198518-8	SB-201 (5-6)	Total/NA	Solid	7471B	598077
500-198518-9	SB-203 (2-3)	Total/NA	Solid	7471B	598077
500-198518-10	SB-203 (6-7)	Total/NA	Solid	7471B	598077

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Metals (Continued)

Analysis Batch: 598324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-11	SB-202 (2-3)	Total/NA	Solid	7471B	598077
500-198518-12	SB-202 (6-7)	Total/NA	Solid	7471B	598077
500-198518-13	SB-204 (2-3)	Total/NA	Solid	7471B	598077
500-198518-14	SB-204 (6-7)	Total/NA	Solid	7471B	598077
500-198518-15	SB-204 (10-11)	Total/NA	Solid	7471B	598077
500-198518-17	MW-224 (3-4)	Total/NA	Solid	7471B	598077
500-198518-18	DUP-02-210429	Total/NA	Solid	7471B	598077
500-198518-19	MW-224 (10-11)	Total/NA	Solid	7471B	598077
500-198518-20	MW-224 (12-13)	Total/NA	Solid	7471B	598077
500-198518-21	DUP-03-210429	Total/NA	Solid	7471B	598077
500-198518-22	SB-223 (3-4)	Total/NA	Solid	7471B	598077
500-198518-23	SB-223 (11-12)	Total/NA	Solid	7471B	598078
500-198518-24	DUP-04-210429	Total/NA	Solid	7471B	598078
500-198518-25	SB-223 (17-18)	Total/NA	Solid	7471B	598078
MB 500-598077/12-A	Method Blank	Total/NA	Solid	7471B	598077
MB 500-598078/12-A	Method Blank	Total/NA	Solid	7471B	598078
LCS 500-598077/13-A	Lab Control Sample	Total/NA	Solid	7471B	598077
LCS 500-598078/13-A	Lab Control Sample	Total/NA	Solid	7471B	598078
500-198518-13 MS	SB-204 (2-3)	Total/NA	Solid	7471B	598077
500-198518-13 MSD	SB-204 (2-3)	Total/NA	Solid	7471B	598077
500-198518-13 DU	SB-204 (2-3)	Total/NA	Solid	7471B	598077

Analysis Batch: 598495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	6010B	597918
500-198518-2	SB-214 (2-3)	Total/NA	Solid	6010B	597918
500-198518-3	SB-214 (7-8)	Total/NA	Solid	6010B	597918
500-198518-4	SB-214 (10-11)	Total/NA	Solid	6010B	597918
500-198518-6	SB-201 (3-4)	Total/NA	Solid	6010B	597918
500-198518-7	DUP-01-210428	Total/NA	Solid	6010B	597918
500-198518-8	SB-201 (5-6)	Total/NA	Solid	6010B	597918
500-198518-9	SB-203 (2-3)	Total/NA	Solid	6010B	597918
500-198518-10	SB-203 (6-7)	Total/NA	Solid	6010B	597918
500-198518-11	SB-202 (2-3)	Total/NA	Solid	6010B	597918
500-198518-12	SB-202 (6-7)	Total/NA	Solid	6010B	597918
500-198518-13	SB-204 (2-3)	Total/NA	Solid	6010B	597918
500-198518-14	SB-204 (6-7)	Total/NA	Solid	6010B	597918
500-198518-15	SB-204 (10-11)	Total/NA	Solid	6010B	597918
500-198518-17	MW-224 (3-4)	Total/NA	Solid	6010B	597918
500-198518-18	DUP-02-210429	Total/NA	Solid	6010B	597918
500-198518-19	MW-224 (10-11)	Total/NA	Solid	6010B	597918
500-198518-20	MW-224 (12-13)	Total/NA	Solid	6010B	597918
500-198518-21	DUP-03-210429	Total/NA	Solid	6010B	597918
500-198518-22	SB-223 (3-4)	Total/NA	Solid	6010B	597918
MB 500-597918/1-A	Method Blank	Total/NA	Solid	6010B	597918
LCS 500-597918/2-A	Lab Control Sample	Total/NA	Solid	6010B	597918
500-198518-1 MS	SB-200 (2-3)	Total/NA	Solid	6010B	597918
500-198518-1 MSD	SB-200 (2-3)	Total/NA	Solid	6010B	597918
500-198518-1 DU	SB-200 (2-3)	Total/NA	Solid	6010B	597918

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

General Chemistry

Analysis Batch: 597842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-1	SB-200 (2-3)	Total/NA	Solid	Moisture	
500-198518-2	SB-214 (2-3)	Total/NA	Solid	Moisture	
500-198518-3	SB-214 (7-8)	Total/NA	Solid	Moisture	
500-198518-4	SB-214 (10-11)	Total/NA	Solid	Moisture	
500-198518-6	SB-201 (3-4)	Total/NA	Solid	Moisture	
500-198518-8	SB-201 (5-6)	Total/NA	Solid	Moisture	
500-198518-9	SB-203 (2-3)	Total/NA	Solid	Moisture	
500-198518-10	SB-203 (6-7)	Total/NA	Solid	Moisture	
500-198518-11	SB-202 (2-3)	Total/NA	Solid	Moisture	
500-198518-12	SB-202 (6-7)	Total/NA	Solid	Moisture	
500-198518-13	SB-204 (2-3)	Total/NA	Solid	Moisture	
500-198518-14	SB-204 (6-7)	Total/NA	Solid	Moisture	
500-198518-15	SB-204 (10-11)	Total/NA	Solid	Moisture	
500-198518-17	MW-224 (3-4)	Total/NA	Solid	Moisture	
500-198518-18	DUP-02-210429	Total/NA	Solid	Moisture	
500-198518-19	MW-224 (10-11)	Total/NA	Solid	Moisture	
500-198518-20	MW-224 (12-13)	Total/NA	Solid	Moisture	
500-198518-21	DUP-03-210429	Total/NA	Solid	Moisture	
500-198518-22	SB-223 (3-4)	Total/NA	Solid	Moisture	
500-198518-1 DU	SB-200 (2-3)	Total/NA	Solid	Moisture	

Analysis Batch: 597870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-23	SB-223 (11-12)	Total/NA	Solid	Moisture	
500-198518-24	DUP-04-210429	Total/NA	Solid	Moisture	
500-198518-25	SB-223 (17-18)	Total/NA	Solid	Moisture	

Analysis Batch: 598222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198518-7	DUP-01-210428	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-198518-1	SB-200 (2-3)	110	94	100	101
500-198518-2	SB-214 (2-3)	114	96	101	101
500-198518-3	SB-214 (7-8)	110	92	100	101
500-198518-4	SB-214 (10-11)	108	94	101	100
500-198518-6	SB-201 (3-4)	90	111	100	94
500-198518-7	DUP-01-210428	91	110	100	95
500-198518-8	SB-201 (5-6)	90	112	101	95
500-198518-13	SB-204 (2-3)	88	113	103	94
500-198518-14	SB-204 (6-7)	87	115	103	94
500-198518-15	SB-204 (10-11)	90	109	100	97
500-198518-17	MW-224 (3-4)	90	109	102	96
500-198518-18	DUP-02-210429	89	110	100	97
500-198518-19	MW-224 (10-11)	89	111	101	98
500-198518-20	MW-224 (12-13)	89	110	99	96
500-198518-21	DUP-03-210429	88	112	103	98
500-198518-22	SB-223 (3-4)	89	111	103	96
500-198518-23	SB-223 (11-12)	91	109	102	98
500-198518-24	DUP-04-210429	90	111	100	98
500-198518-25	SB-223 (17-18)	88	113	101	95
500-198518-26	TB-01-210430	109	95	99	99
500-198518-27	TB-02-210430	108	93	99	100
500-198518-28	TB-03-210430	111	92	99	100
LB3 500-596558/21-A	Method Blank	109	95	98	100
LB3 500-596559/21-A	Method Blank	83	82	93	95
LCS 500-596558/22-A	Lab Control Sample	104	95	98	102
LCS 500-596559/22-A	Lab Control Sample	84	91	93	94
LCS 500-597468/4	Lab Control Sample	99	98	100	106
LCS 500-597585/4	Lab Control Sample	84	90	91	97
LCS 500-597647/4	Lab Control Sample	85	91	92	97
LCS 500-598070/4	Lab Control Sample	84	106	94	100
MB 500-597468/29	Method Blank	112	92	97	103
MB 500-597585/6	Method Blank	84	84	91	95
MB 500-597647/6	Method Blank	84	86	91	94
MB 500-598070/6	Method Blank	90	114	104	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198518-1	SB-200 (2-3)	88	84	134
500-198518-1 MS	SB-200 (2-3)	81	70	89
500-198518-1 MSD	SB-200 (2-3)	69	64	77

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Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198518-2	SB-214 (2-3)	94	89	109
500-198518-3	SB-214 (7-8)	72	81	113
500-198518-4	SB-214 (10-11)	73	75	118
500-198518-6	SB-201 (3-4)	77	77	130
500-198518-7	DUP-01-210428	65	65	124
500-198518-8	SB-201 (5-6)	60	70	122
500-198518-13	SB-204 (2-3)	59	63	119
500-198518-14	SB-204 (6-7)	74	72	124
500-198518-15	SB-204 (10-11)	68	70	117
500-198518-17	MW-224 (3-4)	99	96	116
500-198518-18	DUP-02-210429	92	89	130
500-198518-19	MW-224 (10-11)	75	74	121
500-198518-20	MW-224 (12-13)	52	47	127
500-198518-21	DUP-03-210429	64	55	122
500-198518-22	SB-223 (3-4)	81	81	126
500-198518-23	SB-223 (11-12)	79	75	121
500-198518-24	DUP-04-210429	89	100	92
500-198518-25	SB-223 (17-18)	86	100	97
LCS 500-597787/2-A	Lab Control Sample	103	94	107
LCS 500-597931/2-A	Lab Control Sample	91	91	100
MB 500-597787/1-A	Method Blank	89	77	111
MB 500-597931/1-A	Method Blank	103	93	124

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-198518-1	SB-200 (2-3)	64	64
500-198518-2	SB-214 (2-3)	67	62
500-198518-3	SB-214 (7-8)	66	60
500-198518-4	SB-214 (10-11)	61	56
500-198518-6	SB-201 (3-4)	71	68
500-198518-7	DUP-01-210428	66	62
500-198518-8	SB-201 (5-6)	77	66
500-198518-13	SB-204 (2-3)	70	70
500-198518-14	SB-204 (6-7)	69	60
500-198518-15	SB-204 (10-11)	58	60
500-198518-17	MW-224 (3-4)	77	59
500-198518-18	DUP-02-210429	70	55
500-198518-19	MW-224 (10-11)	66	72
500-198518-20	MW-224 (12-13)	63	110
500-198518-21	DUP-03-210429	75	112
500-198518-22	SB-223 (3-4)	88	102
500-198518-23	SB-223 (11-12)	75	79

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Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-198518-24	DUP-04-210429	77	87
500-198518-25	SB-223 (17-18)	73	71
LCS 500-598013/2-A	Lab Control Sample	81	85
LCS 500-598405/2-A	Lab Control Sample	86	105
MB 500-598013/1-A	Method Blank	73	78
MB 500-598405/1-A	Method Blank	89	109

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LB3 500-596558/21-A
Matrix: Solid
Analysis Batch: 597468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596558

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Bromobenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Bromochloromethane	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Bromodichloromethane	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Bromoform	<24		50	24	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Bromomethane	<40		150	40	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Chlorobenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Chloroethane	<25		50	25	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Chloroform	<19		100	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Chloromethane	<16		50	16	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Dibromochloromethane	<24		50	24	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Dibromomethane	<14		50	14	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Isopropylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Isopropyl ether	<14		50	14	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Methylene Chloride	<82		250	82	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Naphthalene	<17		50	17	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
n-Butylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
N-Propylbenzene	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Styrene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Tetrachloroethene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Toluene	<7.4		13	7.4	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LB3 500-596558/21-A
Matrix: Solid
Analysis Batch: 597468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596558

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Vinyl chloride	<13		50	13	ug/Kg		05/04/21 03:15	05/07/21 23:05	50
Xylenes, Total	<11		25	11	ug/Kg		05/04/21 03:15	05/07/21 23:05	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		72 - 124	05/04/21 03:15	05/07/21 23:05	50
Dibromofluoromethane (Surr)	95		75 - 120	05/04/21 03:15	05/07/21 23:05	50
1,2-Dichloroethane-d4 (Surr)	98		75 - 126	05/04/21 03:15	05/07/21 23:05	50
Toluene-d8 (Surr)	100		75 - 120	05/04/21 03:15	05/07/21 23:05	50

Lab Sample ID: LCS 500-596558/22-A
Matrix: Solid
Analysis Batch: 597468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596558

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Benzene	2500	2430		ug/Kg		97	70 - 120
Bromobenzene	2500	2610		ug/Kg		105	70 - 122
Bromochloromethane	2500	2530		ug/Kg		101	65 - 122
Bromodichloromethane	2500	2360		ug/Kg		94	69 - 120
Bromoform	2500	2300		ug/Kg		92	56 - 132
Bromomethane	2500	1630		ug/Kg		65	40 - 152
Carbon tetrachloride	2500	2250		ug/Kg		90	59 - 133
Chlorobenzene	2500	2580		ug/Kg		103	70 - 120
Chloroethane	2500	1950		ug/Kg		78	48 - 136
Chloroform	2500	2480		ug/Kg		99	70 - 120
Chloromethane	2500	2720		ug/Kg		109	56 - 152
2-Chlorotoluene	2500	2540		ug/Kg		102	70 - 125
4-Chlorotoluene	2500	2450		ug/Kg		98	68 - 124
cis-1,2-Dichloroethene	2500	2500		ug/Kg		100	70 - 125
cis-1,3-Dichloropropene	2500	2370		ug/Kg		95	64 - 127
Dibromochloromethane	2500	2370		ug/Kg		95	68 - 125
1,2-Dibromo-3-Chloropropane	2500	2170		ug/Kg		87	56 - 123
1,2-Dibromoethane	2500	2600		ug/Kg		104	70 - 125
Dibromomethane	2500	2330		ug/Kg		93	70 - 120
1,2-Dichlorobenzene	2500	2550		ug/Kg		102	70 - 125
1,3-Dichlorobenzene	2500	2540		ug/Kg		102	70 - 125
1,4-Dichlorobenzene	2500	2470		ug/Kg		99	70 - 120
Dichlorodifluoromethane	2500	945	*	ug/Kg		38	40 - 159
1,1-Dichloroethane	2500	2870		ug/Kg		115	70 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-596558/22-A
Matrix: Solid
Analysis Batch: 597468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	2500	2670		ug/Kg		107	68 - 127
1,1-Dichloroethene	2500	2200		ug/Kg		88	67 - 122
1,2-Dichloropropane	2500	2940		ug/Kg		118	67 - 130
1,3-Dichloropropane	2500	2540		ug/Kg		102	62 - 136
2,2-Dichloropropane	2500	2500		ug/Kg		100	58 - 139
1,1-Dichloropropene	2500	2530		ug/Kg		101	70 - 121
Ethylbenzene	2500	2700		ug/Kg		108	70 - 123
Hexachlorobutadiene	2500	2630		ug/Kg		105	51 - 150
Isopropylbenzene	2500	2650		ug/Kg		106	70 - 126
Methylene Chloride	2500	2350		ug/Kg		94	69 - 125
Methyl tert-butyl ether	2500	2190		ug/Kg		88	55 - 123
Naphthalene	2500	2850		ug/Kg		114	53 - 144
n-Butylbenzene	2500	2450		ug/Kg		98	68 - 125
N-Propylbenzene	2500	2570		ug/Kg		103	69 - 127
p-Isopropyltoluene	2500	2620		ug/Kg		105	70 - 125
sec-Butylbenzene	2500	2580		ug/Kg		103	70 - 123
Styrene	2500	2530		ug/Kg		101	70 - 120
tert-Butylbenzene	2500	2710		ug/Kg		109	70 - 121
1,1,1,2-Tetrachloroethane	2500	2570		ug/Kg		103	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	2630		ug/Kg		105	62 - 140
Tetrachloroethene	2500	2570		ug/Kg		103	70 - 128
Toluene	2500	2450		ug/Kg		98	70 - 125
trans-1,2-Dichloroethene	2500	2430		ug/Kg		97	70 - 125
trans-1,3-Dichloropropene	2500	2200		ug/Kg		88	62 - 128
1,2,3-Trichlorobenzene	2500	2310		ug/Kg		92	51 - 145
1,2,4-Trichlorobenzene	2500	2290		ug/Kg		92	57 - 137
1,1,1-Trichloroethane	2500	2590		ug/Kg		104	70 - 125
1,1,2-Trichloroethane	2500	2530		ug/Kg		101	71 - 130
Trichloroethene	2500	2520		ug/Kg		101	70 - 125
Trichlorofluoromethane	2500	1980		ug/Kg		79	55 - 128
1,2,3-Trichloropropane	2500	2690		ug/Kg		108	50 - 133
1,2,4-Trimethylbenzene	2500	2530		ug/Kg		101	70 - 123
1,3,5-Trimethylbenzene	2500	2550		ug/Kg		102	70 - 123
Vinyl chloride	2500	2170		ug/Kg		87	64 - 126
Xylenes, Total	5000	4960		ug/Kg		99	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	98		75 - 126
Toluene-d8 (Surr)	102		75 - 120

Lab Sample ID: LB3 500-596559/21-A
Matrix: Solid
Analysis Batch: 597585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596559

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/04/21 03:15	05/08/21 10:11	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LB3 500-596559/21-A
Matrix: Solid
Analysis Batch: 597585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596559

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Bromochloromethane	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Bromodichloromethane	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Bromoform	<24		50	24	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Bromomethane	<40		150	40	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Chlorobenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Chloroethane	<25		50	25	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Chloroform	<19		100	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Chloromethane	<16		50	16	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Dibromochloromethane	<24		50	24	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Dibromomethane	<14		50	14	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Isopropylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Isopropyl ether	<14		50	14	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Methylene Chloride	<82		250	82	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Naphthalene	<17		50	17	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
n-Butylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
N-Propylbenzene	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Styrene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Tetrachloroethene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Toluene	<7.4		13	7.4	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/04/21 03:15	05/08/21 10:11	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LB3 500-596559/21-A
Matrix: Solid
Analysis Batch: 597585

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596559

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Vinyl chloride	<13		50	13	ug/Kg		05/04/21 03:15	05/08/21 10:11	50
Xylenes, Total	<11		25	11	ug/Kg		05/04/21 03:15	05/08/21 10:11	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	83		72 - 124	05/04/21 03:15	05/08/21 10:11	50
Dibromofluoromethane (Surr)	82		75 - 120	05/04/21 03:15	05/08/21 10:11	50
1,2-Dichloroethane-d4 (Surr)	93		75 - 126	05/04/21 03:15	05/08/21 10:11	50
Toluene-d8 (Surr)	95		75 - 120	05/04/21 03:15	05/08/21 10:11	50

Lab Sample ID: LCS 500-596559/22-A
Matrix: Solid
Analysis Batch: 597647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596559

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Benzene	2500	2380		ug/Kg		95	70 - 120
Bromobenzene	2500	2060		ug/Kg		82	70 - 122
Bromochloromethane	2500	2330		ug/Kg		93	65 - 122
Bromodichloromethane	2500	2020		ug/Kg		81	69 - 120
Bromoform	2500	1540		ug/Kg		61	56 - 132
Bromomethane	2500	3290		ug/Kg		132	40 - 152
Carbon tetrachloride	2500	2110		ug/Kg		85	59 - 133
Chlorobenzene	2500	2380		ug/Kg		95	70 - 120
Chloroethane	2500	3040		ug/Kg		121	48 - 136
Chloroform	2500	2280		ug/Kg		91	70 - 120
Chloromethane	2500	1630		ug/Kg		65	56 - 152
2-Chlorotoluene	2500	2230		ug/Kg		89	70 - 125
4-Chlorotoluene	2500	2260		ug/Kg		90	68 - 124
cis-1,2-Dichloroethene	2500	2330		ug/Kg		93	70 - 125
cis-1,3-Dichloropropene	2500	1910		ug/Kg		77	64 - 127
Dibromochloromethane	2500	1700		ug/Kg		68	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1220	*	ug/Kg		49	56 - 123
1,2-Dibromoethane	2500	2080		ug/Kg		83	70 - 125
Dibromomethane	2500	2260		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	2500	2230		ug/Kg		89	70 - 125
1,3-Dichlorobenzene	2500	2270		ug/Kg		91	70 - 125
1,4-Dichlorobenzene	2500	2260		ug/Kg		90	70 - 120
Dichlorodifluoromethane	2500	1260		ug/Kg		50	40 - 159
1,1-Dichloroethane	2500	2160		ug/Kg		87	70 - 125
1,2-Dichloroethane	2500	2340		ug/Kg		93	68 - 127
1,1-Dichloroethene	2500	2080		ug/Kg		83	67 - 122

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-596559/22-A
Matrix: Solid
Analysis Batch: 597647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	2500	2330		ug/Kg		93	67 - 130
1,3-Dichloropropane	2500	2140		ug/Kg		86	62 - 136
2,2-Dichloropropane	2500	2380		ug/Kg		95	58 - 139
1,1-Dichloropropene	2500	2300		ug/Kg		92	70 - 121
Ethylbenzene	2500	2460		ug/Kg		98	70 - 123
Hexachlorobutadiene	2500	2590		ug/Kg		103	51 - 150
Isopropylbenzene	2500	2230		ug/Kg		89	70 - 126
Methylene Chloride	2500	2170		ug/Kg		87	69 - 125
Methyl tert-butyl ether	2500	2370		ug/Kg		95	55 - 123
Naphthalene	2500	2000		ug/Kg		80	53 - 144
n-Butylbenzene	2500	2390		ug/Kg		96	68 - 125
N-Propylbenzene	2500	2290		ug/Kg		92	69 - 127
p-Isopropyltoluene	2500	2420		ug/Kg		97	70 - 125
sec-Butylbenzene	2500	2360		ug/Kg		94	70 - 123
Styrene	2500	2370		ug/Kg		95	70 - 120
tert-Butylbenzene	2500	2270		ug/Kg		91	70 - 121
1,1,1,2-Tetrachloroethane	2500	2120		ug/Kg		85	70 - 125
1,1,1,2-Tetrachloroethane	2500	1820		ug/Kg		73	62 - 140
Tetrachloroethene	2500	2450		ug/Kg		98	70 - 128
Toluene	2500	2340		ug/Kg		94	70 - 125
trans-1,2-Dichloroethene	2500	2300		ug/Kg		92	70 - 125
trans-1,3-Dichloropropene	2500	1860		ug/Kg		74	62 - 128
1,2,3-Trichlorobenzene	2500	2160		ug/Kg		86	51 - 145
1,2,4-Trichlorobenzene	2500	2100		ug/Kg		84	57 - 137
1,1,1-Trichloroethane	2500	2330		ug/Kg		93	70 - 125
1,1,2-Trichloroethane	2500	2150		ug/Kg		86	71 - 130
Trichloroethene	2500	2370		ug/Kg		95	70 - 125
Trichlorofluoromethane	2500	2040		ug/Kg		82	55 - 128
1,2,3-Trichloropropane	2500	1900		ug/Kg		76	50 - 133
1,2,4-Trimethylbenzene	2500	2290		ug/Kg		92	70 - 123
1,3,5-Trimethylbenzene	2500	2280		ug/Kg		91	70 - 123
Vinyl chloride	2500	1980		ug/Kg		79	64 - 126
Xylenes, Total	5000	5050		ug/Kg		101	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	91		75 - 120
1,2-Dichloroethane-d4 (Surr)	93		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-597468/29
Matrix: Solid
Analysis Batch: 597468

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/07/21 23:29	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/07/21 23:29	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597468/29
Matrix: Solid
Analysis Batch: 597468

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/07/21 23:29	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/07/21 23:29	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/07/21 23:29	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/07/21 23:29	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/07/21 23:29	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/07/21 23:29	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/07/21 23:29	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/07/21 23:29	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/07/21 23:29	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/07/21 23:29	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/07/21 23:29	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/07/21 23:29	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/07/21 23:29	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/07/21 23:29	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/07/21 23:29	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/07/21 23:29	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/07/21 23:29	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/07/21 23:29	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/07/21 23:29	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/07/21 23:29	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/07/21 23:29	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/07/21 23:29	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/07/21 23:29	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/07/21 23:29	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/07/21 23:29	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/07/21 23:29	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/07/21 23:29	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/07/21 23:29	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/07/21 23:29	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/07/21 23:29	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/07/21 23:29	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/07/21 23:29	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/07/21 23:29	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/07/21 23:29	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/07/21 23:29	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/07/21 23:29	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/07/21 23:29	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/07/21 23:29	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/07/21 23:29	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597468/29
Matrix: Solid
Analysis Batch: 597468

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/07/21 23:29	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/07/21 23:29	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/07/21 23:29	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/07/21 23:29	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/07/21 23:29	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/07/21 23:29	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/07/21 23:29	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/07/21 23:29	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	112		72 - 124		05/07/21 23:29	1
Dibromofluoromethane (Surr)	92		75 - 120		05/07/21 23:29	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		05/07/21 23:29	1
Toluene-d8 (Surr)	103		75 - 120		05/07/21 23:29	1

Lab Sample ID: LCS 500-597468/4
Matrix: Solid
Analysis Batch: 597468

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	50.0	48.0		ug/Kg		96	70 - 120
Bromobenzene	50.0	50.8		ug/Kg		102	70 - 122
Bromochloromethane	50.0	51.0		ug/Kg		102	65 - 122
Bromodichloromethane	50.0	49.2		ug/Kg		98	69 - 120
Bromoform	50.0	51.7		ug/Kg		103	56 - 132
Bromomethane	50.0	46.7		ug/Kg		93	40 - 152
Carbon tetrachloride	50.0	45.8		ug/Kg		92	59 - 133
Chlorobenzene	50.0	52.9		ug/Kg		106	70 - 120
Chloroethane	50.0	49.8		ug/Kg		100	48 - 136
Chloroform	50.0	49.5		ug/Kg		99	70 - 120
Chloromethane	50.0	67.9		ug/Kg		136	56 - 152
2-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 125
4-Chlorotoluene	50.0	48.4		ug/Kg		97	68 - 124
cis-1,2-Dichloroethene	50.0	50.1		ug/Kg		100	70 - 125
cis-1,3-Dichloropropene	50.0	50.5		ug/Kg		101	64 - 127
Dibromochloromethane	50.0	52.2		ug/Kg		104	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.4		ug/Kg		83	56 - 123
1,2-Dibromoethane	50.0	52.6		ug/Kg		105	70 - 125
Dibromomethane	50.0	46.7		ug/Kg		93	70 - 120
1,2-Dichlorobenzene	50.0	51.9		ug/Kg		104	70 - 125
1,3-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 125
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 120
Dichlorodifluoromethane	50.0	37.5		ug/Kg		75	40 - 159
1,1-Dichloroethane	50.0	57.3		ug/Kg		115	70 - 125
1,2-Dichloroethane	50.0	53.2		ug/Kg		106	68 - 127
1,1-Dichloroethene	50.0	43.6		ug/Kg		87	67 - 122
1,2-Dichloropropane	50.0	58.5		ug/Kg		117	67 - 130
1,3-Dichloropropane	50.0	51.7		ug/Kg		103	62 - 136

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-597468/4
Matrix: Solid
Analysis Batch: 597468

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	53.7		ug/Kg		107	58 - 139
1,1-Dichloropropene	50.0	49.8		ug/Kg		100	70 - 121
Ethylbenzene	50.0	54.1		ug/Kg		108	70 - 123
Hexachlorobutadiene	50.0	51.3		ug/Kg		103	51 - 150
Isopropylbenzene	50.0	51.6		ug/Kg		103	70 - 126
Methylene Chloride	50.0	47.6		ug/Kg		95	69 - 125
Methyl tert-butyl ether	50.0	44.1		ug/Kg		88	55 - 123
Naphthalene	50.0	45.9		ug/Kg		92	53 - 144
n-Butylbenzene	50.0	49.5		ug/Kg		99	68 - 125
N-Propylbenzene	50.0	49.3		ug/Kg		99	69 - 127
p-Isopropyltoluene	50.0	53.1		ug/Kg		106	70 - 125
sec-Butylbenzene	50.0	51.6		ug/Kg		103	70 - 123
Styrene	50.0	51.4		ug/Kg		103	70 - 120
tert-Butylbenzene	50.0	53.1		ug/Kg		106	70 - 121
1,1,1,2-Tetrachloroethane	50.0	57.2		ug/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	62 - 140
Tetrachloroethene	50.0	53.4		ug/Kg		107	70 - 128
Toluene	50.0	50.7		ug/Kg		101	70 - 125
trans-1,2-Dichloroethene	50.0	48.1		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	50.0	46.1		ug/Kg		92	62 - 128
1,2,3-Trichlorobenzene	50.0	45.6		ug/Kg		91	51 - 145
1,2,4-Trichlorobenzene	50.0	45.4		ug/Kg		91	57 - 137
1,1,1-Trichloroethane	50.0	51.1		ug/Kg		102	70 - 125
1,1,2-Trichloroethane	50.0	51.5		ug/Kg		103	71 - 130
Trichloroethene	50.0	51.2		ug/Kg		102	70 - 125
Trichlorofluoromethane	50.0	39.8		ug/Kg		80	55 - 128
1,2,3-Trichloropropane	50.0	51.4		ug/Kg		103	50 - 133
1,2,4-Trimethylbenzene	50.0	49.7		ug/Kg		99	70 - 123
1,3,5-Trimethylbenzene	50.0	49.9		ug/Kg		100	70 - 123
Vinyl chloride	50.0	49.8		ug/Kg		100	64 - 126
Xylenes, Total	100	101		ug/Kg		101	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
Toluene-d8 (Surr)	106		75 - 120

Lab Sample ID: MB 500-597585/6
Matrix: Solid
Analysis Batch: 597585

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/08/21 09:44	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/08/21 09:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/08/21 09:44	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/08/21 09:44	1

Euofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597585/6
Matrix: Solid
Analysis Batch: 597585

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/08/21 09:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/08/21 09:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/08/21 09:44	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/08/21 09:44	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/08/21 09:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/08/21 09:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/08/21 09:44	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/08/21 09:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/08/21 09:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/08/21 09:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/08/21 09:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/08/21 09:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/08/21 09:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/08/21 09:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/08/21 09:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/08/21 09:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/08/21 09:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/08/21 09:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/08/21 09:44	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/08/21 09:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/08/21 09:44	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/08/21 09:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/08/21 09:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/08/21 09:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/08/21 09:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/08/21 09:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/08/21 09:44	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/08/21 09:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/08/21 09:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/08/21 09:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/08/21 09:44	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/08/21 09:44	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/08/21 09:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/08/21 09:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/08/21 09:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/08/21 09:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/08/21 09:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/08/21 09:44	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/08/21 09:44	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597585/6
Matrix: Solid
Analysis Batch: 597585

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/08/21 09:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/08/21 09:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/08/21 09:44	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/08/21 09:44	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/08/21 09:44	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/08/21 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		05/08/21 09:44	1
Dibromofluoromethane (Surr)	84		75 - 120		05/08/21 09:44	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		05/08/21 09:44	1
Toluene-d8 (Surr)	95		75 - 120		05/08/21 09:44	1

Lab Sample ID: LCS 500-597585/4
Matrix: Solid
Analysis Batch: 597585

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.5		ug/Kg		95	70 - 120
Bromobenzene	50.0	41.4		ug/Kg		83	70 - 122
Bromochloromethane	50.0	45.1		ug/Kg		90	65 - 122
Bromodichloromethane	50.0	41.2		ug/Kg		82	69 - 120
Bromoform	50.0	33.6		ug/Kg		67	56 - 132
Bromomethane	50.0	56.3		ug/Kg		113	40 - 152
Carbon tetrachloride	50.0	45.3		ug/Kg		91	59 - 133
Chlorobenzene	50.0	47.8		ug/Kg		96	70 - 120
Chloroethane	50.0	54.2		ug/Kg		108	48 - 136
Chloroform	50.0	44.9		ug/Kg		90	70 - 120
Chloromethane	50.0	41.1		ug/Kg		82	56 - 152
2-Chlorotoluene	50.0	45.0		ug/Kg		90	70 - 125
4-Chlorotoluene	50.0	46.1		ug/Kg		92	68 - 124
cis-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	70 - 125
cis-1,3-Dichloropropene	50.0	39.6		ug/Kg		79	64 - 127
Dibromochloromethane	50.0	35.6		ug/Kg		71	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	28.0		ug/Kg		56	56 - 123
1,2-Dibromoethane	50.0	41.4		ug/Kg		83	70 - 125
Dibromomethane	50.0	44.9		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	50.0	44.0		ug/Kg		88	70 - 125
1,3-Dichlorobenzene	50.0	45.8		ug/Kg		92	70 - 125
1,4-Dichlorobenzene	50.0	45.6		ug/Kg		91	70 - 120
Dichlorodifluoromethane	50.0	38.0		ug/Kg		76	40 - 159
1,1-Dichloroethane	50.0	43.5		ug/Kg		87	70 - 125
1,2-Dichloroethane	50.0	45.9		ug/Kg		92	68 - 127
1,1-Dichloroethene	50.0	44.9		ug/Kg		90	67 - 122
1,2-Dichloropropane	50.0	45.4		ug/Kg		91	67 - 130
1,3-Dichloropropane	50.0	43.5		ug/Kg		87	62 - 136
2,2-Dichloropropane	50.0	51.7		ug/Kg		103	58 - 139
1,1-Dichloropropene	50.0	48.0		ug/Kg		96	70 - 121

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-597585/4
Matrix: Solid
Analysis Batch: 597585

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	50.0	51.2		ug/Kg		102	70 - 123
Hexachlorobutadiene	50.0	50.6		ug/Kg		101	51 - 150
Isopropylbenzene	50.0	45.5		ug/Kg		91	70 - 126
Methylene Chloride	50.0	42.4		ug/Kg		85	69 - 125
Methyl tert-butyl ether	50.0	45.6		ug/Kg		91	55 - 123
Naphthalene	50.0	37.9		ug/Kg		76	53 - 144
n-Butylbenzene	50.0	50.7		ug/Kg		101	68 - 125
N-Propylbenzene	50.0	47.3		ug/Kg		95	69 - 127
p-Isopropyltoluene	50.0	49.4		ug/Kg		99	70 - 125
sec-Butylbenzene	50.0	48.1		ug/Kg		96	70 - 123
Styrene	50.0	48.2		ug/Kg		96	70 - 120
tert-Butylbenzene	50.0	46.0		ug/Kg		92	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.7		ug/Kg		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	35.6		ug/Kg		71	62 - 140
Tetrachloroethene	50.0	52.8		ug/Kg		106	70 - 128
Toluene	50.0	47.9		ug/Kg		96	70 - 125
trans-1,2-Dichloroethene	50.0	46.8		ug/Kg		94	70 - 125
trans-1,3-Dichloropropene	50.0	37.7		ug/Kg		75	62 - 128
1,2,3-Trichlorobenzene	50.0	42.0		ug/Kg		84	51 - 145
1,2,4-Trichlorobenzene	50.0	41.8		ug/Kg		84	57 - 137
1,1,1-Trichloroethane	50.0	48.2		ug/Kg		96	70 - 125
1,1,2-Trichloroethane	50.0	42.6		ug/Kg		85	71 - 130
Trichloroethene	50.0	48.5		ug/Kg		97	70 - 125
Trichlorofluoromethane	50.0	45.4		ug/Kg		91	55 - 128
1,2,3-Trichloropropane	50.0	37.1		ug/Kg		74	50 - 133
1,2,4-Trimethylbenzene	50.0	45.6		ug/Kg		91	70 - 123
1,3,5-Trimethylbenzene	50.0	46.0		ug/Kg		92	70 - 123
Vinyl chloride	50.0	49.6		ug/Kg		99	64 - 126
Xylenes, Total	100	104		ug/Kg		104	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
1,2-Dichloroethane-d4 (Surr)	91		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: MB 500-597647/6
Matrix: Solid
Analysis Batch: 597647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/09/21 11:51	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/09/21 11:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/09/21 11:51	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/09/21 11:51	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/09/21 11:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/09/21 11:51	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597647/6
Matrix: Solid
Analysis Batch: 597647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/09/21 11:51	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/09/21 11:51	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/09/21 11:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/09/21 11:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/09/21 11:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/09/21 11:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/09/21 11:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/09/21 11:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/09/21 11:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/09/21 11:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/09/21 11:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/09/21 11:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/09/21 11:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/09/21 11:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/09/21 11:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/09/21 11:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/09/21 11:51	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/09/21 11:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/09/21 11:51	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/09/21 11:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/09/21 11:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/09/21 11:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/09/21 11:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/09/21 11:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/09/21 11:51	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/09/21 11:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/09/21 11:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/09/21 11:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/09/21 11:51	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/09/21 11:51	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/09/21 11:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/09/21 11:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/09/21 11:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/09/21 11:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/09/21 11:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/09/21 11:51	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/09/21 11:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/09/21 11:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/09/21 11:51	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597647/6
Matrix: Solid
Analysis Batch: 597647

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/09/21 11:51	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/09/21 11:51	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/09/21 11:51	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/09/21 11:51	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	84		72 - 124		05/09/21 11:51	1
Dibromofluoromethane (Surr)	86		75 - 120		05/09/21 11:51	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		05/09/21 11:51	1
Toluene-d8 (Surr)	94		75 - 120		05/09/21 11:51	1

Lab Sample ID: LCS 500-597647/4
Matrix: Solid
Analysis Batch: 597647

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	40.2		ug/Kg		80	70 - 122
Bromochloromethane	50.0	45.9		ug/Kg		92	65 - 122
Bromodichloromethane	50.0	40.9		ug/Kg		82	69 - 120
Bromoform	50.0	32.9		ug/Kg		66	56 - 132
Bromomethane	50.0	58.2		ug/Kg		116	40 - 152
Carbon tetrachloride	50.0	45.2		ug/Kg		90	59 - 133
Chlorobenzene	50.0	46.3		ug/Kg		93	70 - 120
Chloroethane	50.0	53.9		ug/Kg		108	48 - 136
Chloroform	50.0	45.5		ug/Kg		91	70 - 120
Chloromethane	50.0	47.6		ug/Kg		95	56 - 152
2-Chlorotoluene	50.0	43.5		ug/Kg		87	70 - 125
4-Chlorotoluene	50.0	44.2		ug/Kg		88	68 - 124
cis-1,2-Dichloroethene	50.0	47.0		ug/Kg		94	70 - 125
cis-1,3-Dichloropropene	50.0	39.6		ug/Kg		79	64 - 127
Dibromochloromethane	50.0	35.6		ug/Kg		71	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	26.8	*-	ug/Kg		54	56 - 123
1,2-Dibromoethane	50.0	40.5		ug/Kg		81	70 - 125
Dibromomethane	50.0	45.1		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	50.0	42.4		ug/Kg		85	70 - 125
1,3-Dichlorobenzene	50.0	44.2		ug/Kg		88	70 - 125
1,4-Dichlorobenzene	50.0	44.0		ug/Kg		88	70 - 120
Dichlorodifluoromethane	50.0	59.5		ug/Kg		119	40 - 159
1,1-Dichloroethane	50.0	44.3		ug/Kg		89	70 - 125
1,2-Dichloroethane	50.0	46.2		ug/Kg		92	68 - 127
1,1-Dichloroethene	50.0	45.9		ug/Kg		92	67 - 122
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	67 - 130
1,3-Dichloropropane	50.0	43.2		ug/Kg		86	62 - 136
2,2-Dichloropropane	50.0	51.7		ug/Kg		103	58 - 139
1,1-Dichloropropene	50.0	47.7		ug/Kg		95	70 - 121
Ethylbenzene	50.0	49.3		ug/Kg		99	70 - 123
Hexachlorobutadiene	50.0	47.3		ug/Kg		95	51 - 150

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-597647/4
Matrix: Solid
Analysis Batch: 597647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	50.0	44.8		ug/Kg		90	70 - 126
Methylene Chloride	50.0	42.9		ug/Kg		86	69 - 125
Methyl tert-butyl ether	50.0	45.6		ug/Kg		91	55 - 123
Naphthalene	50.0	36.9		ug/Kg		74	53 - 144
n-Butylbenzene	50.0	47.1		ug/Kg		94	68 - 125
N-Propylbenzene	50.0	45.6		ug/Kg		91	69 - 127
p-Isopropyltoluene	50.0	47.2		ug/Kg		94	70 - 125
sec-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 123
Styrene	50.0	46.5		ug/Kg		93	70 - 120
tert-Butylbenzene	50.0	45.0		ug/Kg		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.3		ug/Kg		87	70 - 125
1,1,2,2-Tetrachloroethane	50.0	36.0		ug/Kg		72	62 - 140
Tetrachloroethene	50.0	51.6		ug/Kg		103	70 - 128
Toluene	50.0	47.1		ug/Kg		94	70 - 125
trans-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	50.0	37.4		ug/Kg		75	62 - 128
1,2,3-Trichlorobenzene	50.0	40.1		ug/Kg		80	51 - 145
1,2,4-Trichlorobenzene	50.0	39.9		ug/Kg		80	57 - 137
1,1,1-Trichloroethane	50.0	48.2		ug/Kg		96	70 - 125
1,1,2-Trichloroethane	50.0	42.4		ug/Kg		85	71 - 130
Trichloroethene	50.0	47.9		ug/Kg		96	70 - 125
Trichlorofluoromethane	50.0	44.0		ug/Kg		88	55 - 128
1,2,3-Trichloropropane	50.0	37.4		ug/Kg		75	50 - 133
1,2,4-Trimethylbenzene	50.0	44.1		ug/Kg		88	70 - 123
1,3,5-Trimethylbenzene	50.0	45.0		ug/Kg		90	70 - 123
Vinyl chloride	50.0	53.4		ug/Kg		107	64 - 126
Xylenes, Total	100	100		ug/Kg		100	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		72 - 124
Dibromofluoromethane (Surr)	91		75 - 120
1,2-Dichloroethane-d4 (Surr)	92		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: MB 500-598070/6
Matrix: Solid
Analysis Batch: 598070

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/11/21 13:57	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/11/21 13:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/11/21 13:57	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/11/21 13:57	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/11/21 13:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/11/21 13:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/11/21 13:57	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-598070/6
Matrix: Solid
Analysis Batch: 598070

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.37		2.0	0.37	ug/Kg			05/11/21 13:57	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/11/21 13:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/11/21 13:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/11/21 13:57	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/11/21 13:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/11/21 13:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/11/21 13:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/11/21 13:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/11/21 13:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/11/21 13:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/11/21 13:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/11/21 13:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/11/21 13:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/11/21 13:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/11/21 13:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/11/21 13:57	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/11/21 13:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/11/21 13:57	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/11/21 13:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/11/21 13:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/11/21 13:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/11/21 13:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/11/21 13:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/11/21 13:57	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/11/21 13:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/11/21 13:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/11/21 13:57	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/11/21 13:57	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/11/21 13:57	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/11/21 13:57	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/11/21 13:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/11/21 13:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/11/21 13:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/11/21 13:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/11/21 13:57	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/11/21 13:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/11/21 13:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/11/21 13:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/11/21 13:57	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/11/21 13:57	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-598070/6
Matrix: Solid
Analysis Batch: 598070

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/11/21 13:57	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/11/21 13:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		05/11/21 13:57	1
Dibromofluoromethane (Surr)	114		75 - 120		05/11/21 13:57	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126		05/11/21 13:57	1
Toluene-d8 (Surr)	95		75 - 120		05/11/21 13:57	1

Lab Sample ID: LCS 500-598070/4
Matrix: Solid
Analysis Batch: 598070

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	56.7		ug/Kg		113	70 - 120
Bromobenzene	50.0	57.1		ug/Kg		114	70 - 122
Bromochloromethane	50.0	62.1	*+	ug/Kg		124	65 - 122
Bromodichloromethane	50.0	57.0		ug/Kg		114	69 - 120
Bromoform	50.0	62.5		ug/Kg		125	56 - 132
Bromomethane	50.0	50.4		ug/Kg		101	40 - 152
Carbon tetrachloride	50.0	62.3		ug/Kg		125	59 - 133
Chlorobenzene	50.0	60.9	*+	ug/Kg		122	70 - 120
Chloroethane	50.0	61.8		ug/Kg		124	48 - 136
Chloroform	50.0	57.5		ug/Kg		115	70 - 120
Chloromethane	50.0	38.5		ug/Kg		77	56 - 152
2-Chlorotoluene	50.0	54.1		ug/Kg		108	70 - 125
4-Chlorotoluene	50.0	54.7		ug/Kg		109	68 - 124
cis-1,2-Dichloroethene	50.0	57.2		ug/Kg		114	70 - 125
cis-1,3-Dichloropropene	50.0	54.3		ug/Kg		109	64 - 127
Dibromochloromethane	50.0	62.8	*+	ug/Kg		126	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	51.5		ug/Kg		103	56 - 123
1,2-Dibromoethane	50.0	58.9		ug/Kg		118	70 - 125
Dibromomethane	50.0	58.5		ug/Kg		117	70 - 120
1,2-Dichlorobenzene	50.0	60.0		ug/Kg		120	70 - 125
1,3-Dichlorobenzene	50.0	58.8		ug/Kg		118	70 - 125
1,4-Dichlorobenzene	50.0	59.0		ug/Kg		118	70 - 120
Dichlorodifluoromethane	50.0	25.9		ug/Kg		52	40 - 159
1,1-Dichloroethane	50.0	54.0		ug/Kg		108	70 - 125
1,2-Dichloroethane	50.0	56.2		ug/Kg		112	68 - 127
1,1-Dichloroethene	50.0	55.8		ug/Kg		112	67 - 122
1,2-Dichloropropane	50.0	55.1		ug/Kg		110	67 - 130
1,3-Dichloropropane	50.0	55.5		ug/Kg		111	62 - 136
2,2-Dichloropropane	50.0	54.3		ug/Kg		109	58 - 139
1,1-Dichloropropene	50.0	57.7		ug/Kg		115	70 - 121
Ethylbenzene	50.0	57.8		ug/Kg		116	70 - 123
Hexachlorobutadiene	50.0	60.1		ug/Kg		120	51 - 150
Isopropylbenzene	50.0	56.6		ug/Kg		113	70 - 126
Methylene Chloride	50.0	55.5		ug/Kg		111	69 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-598070/4
 Matrix: Solid
 Analysis Batch: 598070

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	55 - 123
Naphthalene	50.0	53.8		ug/Kg		108	53 - 144
n-Butylbenzene	50.0	56.3		ug/Kg		113	68 - 125
N-Propylbenzene	50.0	55.4		ug/Kg		111	69 - 127
p-Isopropyltoluene	50.0	59.5		ug/Kg		119	70 - 125
sec-Butylbenzene	50.0	57.6		ug/Kg		115	70 - 123
Styrene	50.0	59.5		ug/Kg		119	70 - 120
tert-Butylbenzene	50.0	58.6		ug/Kg		117	70 - 121
1,1,1,2-Tetrachloroethane	50.0	63.6	*+	ug/Kg		127	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/Kg		103	62 - 140
Tetrachloroethene	50.0	66.2	*+	ug/Kg		132	70 - 128
Toluene	50.0	59.1		ug/Kg		118	70 - 125
trans-1,2-Dichloroethene	50.0	59.3		ug/Kg		119	70 - 125
trans-1,3-Dichloropropene	50.0	52.8		ug/Kg		106	62 - 128
1,2,3-Trichlorobenzene	50.0	56.6		ug/Kg		113	51 - 145
1,2,4-Trichlorobenzene	50.0	56.1		ug/Kg		112	57 - 137
1,1,1-Trichloroethane	50.0	59.4		ug/Kg		119	70 - 125
1,1,2-Trichloroethane	50.0	59.7		ug/Kg		119	71 - 130
Trichloroethene	50.0	65.7	*+	ug/Kg		131	70 - 125
Trichlorofluoromethane	50.0	60.0		ug/Kg		120	55 - 128
1,2,3-Trichloropropane	50.0	54.8		ug/Kg		110	50 - 133
1,2,4-Trimethylbenzene	50.0	56.6		ug/Kg		113	70 - 123
1,3,5-Trimethylbenzene	50.0	57.4		ug/Kg		115	70 - 123
Vinyl chloride	50.0	49.5		ug/Kg		99	64 - 126
Xylenes, Total	100	113		ug/Kg		113	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	106		75 - 120
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
Toluene-d8 (Surr)	100		75 - 120

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

Lab Sample ID: MB 500-597787/1-A
 Matrix: Solid
 Analysis Batch: 597897

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 597787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.0		33	6.0	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Anthracene	<5.6		33	5.6	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Chrysene	<9.1		33	9.1	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/10/21 08:42	05/10/21 21:16	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 500-597787/1-A
Matrix: Solid
Analysis Batch: 597897

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597787

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Fluoranthene	<6.2		33	6.2	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Fluorene	<4.7		33	4.7	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/10/21 08:42	05/10/21 21:16	1
Pyrene	<6.6		33	6.6	ug/Kg		05/10/21 08:42	05/10/21 21:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	89		43 - 145	05/10/21 08:42	05/10/21 21:16	1
Nitrobenzene-d5 (Surr)	77		37 - 147	05/10/21 08:42	05/10/21 21:16	1
Terphenyl-d14 (Surr)	111		42 - 157	05/10/21 08:42	05/10/21 21:16	1

Lab Sample ID: LCS 500-597787/2-A
Matrix: Solid
Analysis Batch: 597897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597787

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Acenaphthene	1330	1340		ug/Kg		100	65 - 124
Acenaphthylene	1330	1330		ug/Kg		100	68 - 120
Anthracene	1330	1350		ug/Kg		101	70 - 114
Benzo[a]anthracene	1330	1280		ug/Kg		96	67 - 122
Benzo[a]pyrene	1330	1550		ug/Kg		116	65 - 133
Benzo[b]fluoranthene	1330	1430		ug/Kg		107	69 - 129
Benzo[g,h,i]perylene	1330	1380		ug/Kg		103	72 - 131
Benzo[k]fluoranthene	1330	1320		ug/Kg		99	68 - 127
Chrysene	1330	1320		ug/Kg		99	63 - 120
Dibenz(a,h)anthracene	1330	1270		ug/Kg		96	64 - 131
Fluoranthene	1330	1380		ug/Kg		103	62 - 120
Fluorene	1330	1330		ug/Kg		100	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1270		ug/Kg		95	68 - 130
1-Methylnaphthalene	1330	1330		ug/Kg		100	68 - 111
2-Methylnaphthalene	1330	1350		ug/Kg		101	69 - 112
Naphthalene	1330	1300		ug/Kg		98	63 - 110
Phenanthrene	1330	1330		ug/Kg		99	62 - 120
Pyrene	1330	1370		ug/Kg		102	61 - 128

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	103		43 - 145
Nitrobenzene-d5 (Surr)	94		37 - 147
Terphenyl-d14 (Surr)	107		42 - 157

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: 500-198518-1 MS

Matrix: Solid

Analysis Batch: 597911

Client Sample ID: SB-200 (2-3)

Prep Type: Total/NA

Prep Batch: 597787

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Acenaphthene	<7.0	F1	1550	1250		ug/Kg	*	81	65 - 124
Acenaphthylene	<5.1		1550	1500		ug/Kg	*	97	68 - 120
Anthracene	<6.5		1550	1510		ug/Kg	*	98	70 - 114
Benzo[a]anthracene	<5.2		1550	1310		ug/Kg	*	85	67 - 122
Benzo[a]pyrene	<7.5		1550	1680		ug/Kg	*	108	65 - 133
Benzo[b]fluoranthene	<8.4	F2	1550	1510		ug/Kg	*	97	69 - 129
Benzo[g,h,i]perylene	<12	F1	1550	1170		ug/Kg	*	76	72 - 131
Benzo[k]fluoranthene	<11		1550	1530		ug/Kg	*	98	68 - 127
Chrysene	<11		1550	1340		ug/Kg	*	87	63 - 120
Dibenz(a,h)anthracene	<7.5		1550	1330		ug/Kg	*	85	64 - 131
Fluoranthene	<7.2		1550	1610		ug/Kg	*	104	62 - 120
Fluorene	<5.4		1550	1370		ug/Kg	*	89	62 - 120
Indeno[1,2,3-cd]pyrene	<10	F1	1550	1300		ug/Kg	*	84	68 - 130
1-Methylnaphthalene	<9.5	F1	1550	1200		ug/Kg	*	77	68 - 111
2-Methylnaphthalene	<7.1		1550	1450		ug/Kg	*	93	69 - 112
Naphthalene	<6.0		1550	1460		ug/Kg	*	94	63 - 110
Phenanthrene	<5.4		1550	1550		ug/Kg	*	100	62 - 120
Pyrene	<7.7		1550	1360		ug/Kg	*	88	61 - 128

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	81		43 - 145
Nitrobenzene-d5 (Surr)	70		37 - 147
Terphenyl-d14 (Surr)	89		42 - 157

Lab Sample ID: 500-198518-1 MSD

Matrix: Solid

Analysis Batch: 597911

Client Sample ID: SB-200 (2-3)

Prep Type: Total/NA

Prep Batch: 597787

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acenaphthene	<7.0	F1	1550	938	F1	ug/Kg	*	60	65 - 124	29	30
Acenaphthylene	<5.1		1550	1140		ug/Kg	*	73	68 - 120	28	30
Anthracene	<6.5		1550	1210		ug/Kg	*	78	70 - 114	22	30
Benzo[a]anthracene	<5.2		1550	1120		ug/Kg	*	72	67 - 122	16	30
Benzo[a]pyrene	<7.5		1550	1290		ug/Kg	*	83	65 - 133	27	30
Benzo[b]fluoranthene	<8.4	F2	1550	1090	F2	ug/Kg	*	70	69 - 129	32	30
Benzo[g,h,i]perylene	<12	F1	1550	907	F1	ug/Kg	*	58	72 - 131	26	30
Benzo[k]fluoranthene	<11		1550	1330		ug/Kg	*	85	68 - 127	14	30
Chrysene	<11		1550	1160		ug/Kg	*	74	63 - 120	15	30
Dibenz(a,h)anthracene	<7.5		1550	1030		ug/Kg	*	67	64 - 131	25	30
Fluoranthene	<7.2		1550	1280		ug/Kg	*	82	62 - 120	22	30
Fluorene	<5.4		1550	1060		ug/Kg	*	68	62 - 120	26	30
Indeno[1,2,3-cd]pyrene	<10	F1	1550	1010	F1	ug/Kg	*	65	68 - 130	25	30
1-Methylnaphthalene	<9.5	F1	1550	936	F1	ug/Kg	*	60	68 - 111	24	30
2-Methylnaphthalene	<7.1		1550	1120		ug/Kg	*	72	69 - 112	26	30
Naphthalene	<6.0		1550	1110		ug/Kg	*	71	63 - 110	28	30
Phenanthrene	<5.4		1550	1190		ug/Kg	*	77	62 - 120	26	30
Pyrene	<7.7		1550	1180		ug/Kg	*	76	61 - 128	14	30

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: 500-198518-1 MSD
Matrix: Solid
Analysis Batch: 597911

Client Sample ID: SB-200 (2-3)
Prep Type: Total/NA
Prep Batch: 597787

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	69		43 - 145
Nitrobenzene-d5 (Surr)	64		37 - 147
Terphenyl-d14 (Surr)	77		42 - 157

Lab Sample ID: MB 500-597931/1-A
Matrix: Solid
Analysis Batch: 598004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.0		33	6.0	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Anthracene	<5.6		33	5.6	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Chrysene	<9.1		33	9.1	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Fluorene	<4.7		33	4.7	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/10/21 19:10	05/11/21 12:11	1
Pyrene	<6.6		33	6.6	ug/Kg		05/10/21 19:10	05/11/21 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	103		43 - 145	05/10/21 19:10	05/11/21 12:11	1
Nitrobenzene-d5 (Surr)	93		37 - 147	05/10/21 19:10	05/11/21 12:11	1
Terphenyl-d14 (Surr)	124		42 - 157	05/10/21 19:10	05/11/21 12:11	1

Lab Sample ID: LCS 500-597931/2-A
Matrix: Solid
Analysis Batch: 598004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1330	1110		ug/Kg		83	65 - 124
Acenaphthylene	1330	1100		ug/Kg		82	68 - 120
Anthracene	1330	1330		ug/Kg		100	70 - 114
Benzo[a]anthracene	1330	1220		ug/Kg		92	67 - 122
Benzo[a]pyrene	1330	1490		ug/Kg		112	65 - 133
Benzo[b]fluoranthene	1330	1300		ug/Kg		98	69 - 129
Benzo[g,h,i]perylene	1330	1440		ug/Kg		108	72 - 131
Benzo[k]fluoranthene	1330	1260		ug/Kg		94	68 - 127
Chrysene	1330	1250		ug/Kg		94	63 - 120
Dibenz(a,h)anthracene	1330	1440		ug/Kg		108	64 - 131

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 500-597931/2-A
Matrix: Solid
Analysis Batch: 598004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	1330	1460		ug/Kg		109	62 - 120
Fluorene	1330	1110		ug/Kg		84	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1460		ug/Kg		110	68 - 130
1-Methylnaphthalene	1330	1340		ug/Kg		100	68 - 111
2-Methylnaphthalene	1330	1350		ug/Kg		101	69 - 112
Naphthalene	1330	1300		ug/Kg		97	63 - 110
Phenanthrene	1330	1330		ug/Kg		100	62 - 120
Pyrene	1330	1320		ug/Kg		99	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	91		43 - 145
Nitrobenzene-d5 (Surr)	91		37 - 147
Terphenyl-d14 (Surr)	100		42 - 157

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-598013/1-A
Matrix: Solid
Analysis Batch: 598210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<5.9		17	5.9	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1221	<7.3		17	7.3	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1232	<7.3		17	7.3	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1242	<5.5		17	5.5	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1248	<6.6		17	6.6	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1254	<3.6		17	3.6	ug/Kg		05/11/21 08:28	05/12/21 00:54	1
PCB-1260	<8.2		17	8.2	ug/Kg		05/11/21 08:28	05/12/21 00:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		49 - 129	05/11/21 08:28	05/12/21 00:54	1
DCB Decachlorobiphenyl	78		37 - 121	05/11/21 08:28	05/12/21 00:54	1

Lab Sample ID: LCS 500-598013/2-A
Matrix: Solid
Analysis Batch: 598210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	130		ug/Kg		78	57 - 120
PCB-1260	167	141		ug/Kg		85	61 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	81		49 - 129
DCB Decachlorobiphenyl	85		37 - 121

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 500-598405/1-A
Matrix: Solid
Analysis Batch: 598478

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598405

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1221	<7.3		17	7.3	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1232	<7.3		17	7.3	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1242	<5.5		17	5.5	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1248	<6.6		17	6.6	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1254	<3.6		17	3.6	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
PCB-1260	<8.2		17	8.2	ug/Kg		05/12/21 16:09	05/13/21 02:33	1
Surrogate	MB MB		Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
Tetrachloro-m-xylene	89		49 - 129				05/12/21 16:09	05/13/21 02:33	1
DCB Decachlorobiphenyl	109		37 - 121				05/12/21 16:09	05/13/21 02:33	1

Lab Sample ID: LCS 500-598405/2-A
Matrix: Solid
Analysis Batch: 598478

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598405

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	167	159		ug/Kg		95	57 - 120
PCB-1260	167	165		ug/Kg		99	61 - 125
Surrogate	LCS LCS		Limits			%Rec	
	%Recovery	Qualifier					
Tetrachloro-m-xylene	86		49 - 129				
DCB Decachlorobiphenyl	105		37 - 121				

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-486403/1-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 486403

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		05/05/21 19:54	05/08/21 22:41	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 320-486403/1-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 486403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		05/05/21 19:54	05/08/21 22:41	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		05/05/21 19:54	05/08/21 22:41	1
NEtFOSA	<0.87		2.0	0.87	ng/L		05/05/21 19:54	05/08/21 22:41	1
NMeFOSA	<0.43		2.0	0.43	ng/L		05/05/21 19:54	05/08/21 22:41	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		05/05/21 19:54	05/08/21 22:41	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		05/05/21 19:54	05/08/21 22:41	1
NMeFOSE	<1.4		4.0	1.4	ng/L		05/05/21 19:54	05/08/21 22:41	1
NEtFOSE	<0.85		2.0	0.85	ng/L		05/05/21 19:54	05/08/21 22:41	1
4:2 FTS	<0.24		2.0	0.24	ng/L		05/05/21 19:54	05/08/21 22:41	1
6:2 FTS	<2.5		5.0	2.5	ng/L		05/05/21 19:54	05/08/21 22:41	1
8:2 FTS	<0.46		2.0	0.46	ng/L		05/05/21 19:54	05/08/21 22:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		05/05/21 19:54	05/08/21 22:41	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		05/05/21 19:54	05/08/21 22:41	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		05/05/21 19:54	05/08/21 22:41	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		05/05/21 19:54	05/08/21 22:41	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	109		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C5 PFPeA	103		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 PFHxA	98		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C4 PFHpA	111		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C4 PFOA	102		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C5 PFNA	108		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 PFDA	106		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 PFUnA	95		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 PFDoA	108		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 PFTeDA	99		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C3 PFBS	94		25 - 150	05/05/21 19:54	05/08/21 22:41	1
18O2 PFHxS	103		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C4 PFOS	108		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C8 FOSA	99		10 - 150	05/05/21 19:54	05/08/21 22:41	1
d3-NMeFOSAA	98		25 - 150	05/05/21 19:54	05/08/21 22:41	1
d5-NEtFOSAA	103		25 - 150	05/05/21 19:54	05/08/21 22:41	1
d-N-MeFOSA-M	81		10 - 150	05/05/21 19:54	05/08/21 22:41	1
d-N-EtFOSA-M	92		10 - 150	05/05/21 19:54	05/08/21 22:41	1
d7-N-MeFOSE-M	96		10 - 150	05/05/21 19:54	05/08/21 22:41	1
d9-N-EtFOSE-M	94		10 - 150	05/05/21 19:54	05/08/21 22:41	1
M2-4:2 FTS	108		25 - 150	05/05/21 19:54	05/08/21 22:41	1
M2-6:2 FTS	109		25 - 150	05/05/21 19:54	05/08/21 22:41	1
M2-8:2 FTS	125		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C3 HFPO-DA	100		25 - 150	05/05/21 19:54	05/08/21 22:41	1
13C2 10:2 FTS	125		25 - 150	05/05/21 19:54	05/08/21 22:41	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 320-486403/2-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec.
Perfluorobutanoic acid (PFBA)	40.0	38.0		ng/L		95	60 - 135	
Perfluoropentanoic acid (PFPeA)	40.0	38.0		ng/L		95	60 - 135	
Perfluorohexanoic acid (PFHxA)	40.0	37.9		ng/L		95	60 - 135	
Perfluoroheptanoic acid (PFHpA)	40.0	40.7		ng/L		102	60 - 135	
Perfluorooctanoic acid (PFOA)	40.0	40.0		ng/L		100	60 - 135	
Perfluorononanoic acid (PFNA)	40.0	41.3		ng/L		103	60 - 135	
Perfluorodecanoic acid (PFDA)	40.0	39.6		ng/L		99	60 - 135	
Perfluoroundecanoic acid (PFUnA)	40.0	42.0		ng/L		105	60 - 135	
Perfluorododecanoic acid (PFDoA)	40.0	35.6		ng/L		89	60 - 135	
Perfluorotridecanoic acid (PFTTrDA)	40.0	38.6		ng/L		97	60 - 135	
Perfluorotetradecanoic acid (PFTeA)	40.0	40.2		ng/L		101	60 - 135	
Perfluorobutanesulfonic acid (PFBS)	35.4	35.5		ng/L		101	60 - 135	
Perfluoropentanesulfonic acid (PFPeS)	37.5	40.3		ng/L		107	60 - 135	
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.4		ng/L		100	60 - 135	
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.9		ng/L		107	60 - 135	
Perfluorooctanesulfonic acid (PFOS)	37.1	40.0		ng/L		108	60 - 135	
Perfluorononanesulfonic acid (PFNS)	38.4	38.2		ng/L		99	60 - 135	
Perfluorodecanesulfonic acid (PFDS)	38.6	39.0		ng/L		101	60 - 135	
Perfluorododecanesulfonic acid (PFDoS)	38.7	36.3		ng/L		94	60 - 135	
Perfluorooctanesulfonamide (FOSA)	40.0	38.2		ng/L		96	60 - 135	
NEtFOSA	40.0	34.2		ng/L		85	60 - 135	
NMeFOSA	40.0	38.8		ng/L		97	60 - 135	
NMeFOSAA	40.0	44.4		ng/L		111	60 - 135	
NEtFOSAA	40.0	40.7		ng/L		102	60 - 135	
NMeFOSE	40.0	41.2		ng/L		103	60 - 135	
NEtFOSE	40.0	38.0		ng/L		95	60 - 135	
4:2 FTS	37.4	34.9		ng/L		94	60 - 135	
6:2 FTS	37.9	37.4		ng/L		99	60 - 135	
8:2 FTS	38.3	44.9		ng/L		117	60 - 135	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	39.1		ng/L		104	60 - 135	
HFPO-DA (GenX)	40.0	41.9		ng/L		105	60 - 135	
9CI-PF3ONS	37.3	40.1		ng/L		108	60 - 135	
11CI-PF3OUdS	37.7	38.9		ng/L		103	60 - 135	
		LCS	LCS					
Isotope Dilution		%Recovery	Qualifier				Limits	
13C4 PFBA		102					25 - 150	
13C5 PFPeA		102					25 - 150	
13C2 PFHxA		101					25 - 150	

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 320-486403/2-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486403

<i>Isotope Dilution</i>	<i>LCS</i>	<i>LCS</i>	<i>Limits</i>
<i>%Recovery</i>	<i>Qualifier</i>		
13C4 PFHpA	103		25 - 150
13C4 PFOA	101		25 - 150
13C5 PFNA	104		25 - 150
13C2 PFDA	94		25 - 150
13C2 PFUnA	102		25 - 150
13C2 PFDaA	100		25 - 150
13C2 PFTeDA	96		25 - 150
13C3 PFBS	93		25 - 150
18O2 PFHxS	95		25 - 150
13C4 PFOS	97		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	91		25 - 150
d5-NEtFOSAA	94		25 - 150
d-N-MeFOSA-M	89		10 - 150
d-N-EtFOSA-M	97		10 - 150
d7-N-MeFOSE-M	86		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	103		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	113		25 - 150
13C3 HFPO-DA	98		25 - 150
13C2 10:2 FTS	107		25 - 150

Lab Sample ID: LCSD 320-486403/3-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 486403

<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>	<i>RPD</i>		
Perfluorobutanoic acid (PFBA)	40.0	37.4		ng/L		93	60 - 135	2		30
Perfluoropentanoic acid (PFPeA)	40.0	37.5		ng/L		94	60 - 135	1		30
Perfluorohexanoic acid (PFHxA)	40.0	39.9		ng/L		100	60 - 135	5		30
Perfluoroheptanoic acid (PFHpA)	40.0	38.5		ng/L		96	60 - 135	5		30
Perfluorooctanoic acid (PFOA)	40.0	39.6		ng/L		99	60 - 135	1		30
Perfluorononanoic acid (PFNA)	40.0	40.2		ng/L		100	60 - 135	3		30
Perfluorodecanoic acid (PFDA)	40.0	37.9		ng/L		95	60 - 135	4		30
Perfluoroundecanoic acid (PFUnA)	40.0	39.0		ng/L		97	60 - 135	7		30
Perfluorododecanoic acid (PFDaA)	40.0	37.9		ng/L		95	60 - 135	6		30
Perfluorotridecanoic acid (PFTTrDA)	40.0	38.7		ng/L		97	60 - 135	0		30
Perfluorotetradecanoic acid (PFTeA)	40.0	42.0		ng/L		105	60 - 135	4		30
Perfluorobutanesulfonic acid (PFBS)	35.4	34.8		ng/L		98	60 - 135	2		30
Perfluoropentanesulfonic acid (PFPeS)	37.5	39.0		ng/L		104	60 - 135	3		30
Perfluorohexanesulfonic acid (PFHxS)	36.4	33.8		ng/L		93	60 - 135	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	37.8		ng/L		99	60 - 135	8		30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCSD 320-486403/3-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 486403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid (PFOS)	37.1	35.8		ng/L		97	60 - 135	11	30
Perfluorononanesulfonic acid (PFNS)	38.4	33.9		ng/L		88	60 - 135	12	30
Perfluorodecanesulfonic acid (PFDS)	38.6	35.4		ng/L		92	60 - 135	10	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	34.0		ng/L		88	60 - 135	7	30
Perfluorooctanesulfonamide (FOSA)	40.0	37.6		ng/L		94	60 - 135	1	30
NEtFOSA	40.0	39.2		ng/L		98	60 - 135	14	30
NMeFOSA	40.0	43.6		ng/L		109	60 - 135	12	30
NMeFOSAA	40.0	42.6		ng/L		106	60 - 135	4	30
NEtFOSAA	40.0	39.8		ng/L		100	60 - 135	2	30
NMeFOSE	40.0	39.4		ng/L		99	60 - 135	4	30
NEtFOSE	40.0	34.9		ng/L		87	60 - 135	8	30
4:2 FTS	37.4	32.0		ng/L		86	60 - 135	9	30
6:2 FTS	37.9	37.5		ng/L		99	60 - 135	0	30
8:2 FTS	38.3	42.8		ng/L		112	60 - 135	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	36.6		ng/L		97	60 - 135	7	30
HFPO-DA (GenX)	40.0	36.6		ng/L		91	60 - 135	14	30
9Cl-PF3ONS	37.3	36.6		ng/L		98	60 - 135	9	30
11Cl-PF3OUdS	37.7	35.3		ng/L		94	60 - 135	10	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	104		25 - 150
13C5 PFPeA	103		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	102		25 - 150
13C4 PFOA	99		25 - 150
13C5 PFNA	105		25 - 150
13C2 PFDA	100		25 - 150
13C2 PFUnA	97		25 - 150
13C2 PFDoA	97		25 - 150
13C2 PFTeDA	93		25 - 150
13C3 PFBS	92		25 - 150
18O2 PFHxS	98		25 - 150
13C4 PFOS	103		25 - 150
13C8 FOSA	102		10 - 150
d3-NMeFOSAA	93		25 - 150
d5-NEtFOSAA	99		25 - 150
d-N-MeFOSA-M	82		10 - 150
d-N-EtFOSA-M	80		10 - 150
d7-N-MeFOSE-M	88		10 - 150
d9-N-EtFOSE-M	92		10 - 150
M2-4:2 FTS	104		25 - 150
M2-6:2 FTS	112		25 - 150
M2-8:2 FTS	113		25 - 150
13C3 HFPO-DA	102		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCSD 320-486403/3-A
Matrix: Water
Analysis Batch: 487411

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 486403

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C2 10:2 FTS	109		25 - 150

Lab Sample ID: MB 320-486610/1-A
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 486610

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorotridecanoic acid (PFTTrDA)	<0.051		0.20	0.051	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NMeFOSAA	<0.39		2.0	0.39	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018		0.20	0.018	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
9CI-PF3ONS	<0.027		0.20	0.027	ug/Kg		05/06/21 11:31	05/08/21 05:05	1
11CI-PF3OUdS	<0.022		0.20	0.022	ug/Kg		05/06/21 11:31	05/08/21 05:05	1

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	96		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C5 PFPeA	104		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 PFHxA	96		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C4 PFHpA	105		25 - 150	05/06/21 11:31	05/08/21 05:05	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: MB 320-486610/1-A
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 486610

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFOA	104		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C5 PFNA	108		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 PFDA	98		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 PFUnA	110		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 PFDoA	100		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 PFTeDA	99		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C3 PFBS	94		25 - 150	05/06/21 11:31	05/08/21 05:05	1
18O2 PFHxS	103		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C4 PFOS	106		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C8 FOSA	111		10 - 150	05/06/21 11:31	05/08/21 05:05	1
d3-NMeFOSAA	112		25 - 150	05/06/21 11:31	05/08/21 05:05	1
d5-NEtFOSAA	119		25 - 150	05/06/21 11:31	05/08/21 05:05	1
d-N-MeFOSA-M	67		10 - 150	05/06/21 11:31	05/08/21 05:05	1
d-N-EtFOSA-M	64		10 - 150	05/06/21 11:31	05/08/21 05:05	1
d7-N-MeFOSE-M	95		10 - 150	05/06/21 11:31	05/08/21 05:05	1
d9-N-EtFOSE-M	99		10 - 150	05/06/21 11:31	05/08/21 05:05	1
M2-4:2 FTS	132		25 - 150	05/06/21 11:31	05/08/21 05:05	1
M2-6:2 FTS	128		25 - 150	05/06/21 11:31	05/08/21 05:05	1
M2-8:2 FTS	130		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C3 HFPO-DA	95		25 - 150	05/06/21 11:31	05/08/21 05:05	1
13C2 10:2 FTS	126		25 - 150	05/06/21 11:31	05/08/21 05:05	1

Lab Sample ID: LCS 320-486610/2-A
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	2.00	1.99		ug/Kg		100	60 - 135
Perfluorohexanoic acid (PFHxA)	2.00	2.24		ug/Kg		112	60 - 135
Perfluoroheptanoic acid (PFHpA)	2.00	2.29		ug/Kg		115	60 - 135
Perfluorooctanoic acid (PFOA)	2.00	2.18		ug/Kg		109	60 - 135
Perfluorononanoic acid (PFNA)	2.00	2.08		ug/Kg		104	60 - 135
Perfluorodecanoic acid (PFDA)	2.00	1.95		ug/Kg		98	60 - 135
Perfluoroundecanoic acid (PFUnA)	2.00	1.80		ug/Kg		90	60 - 135
Perfluorododecanoic acid (PFDoA)	2.00	1.99		ug/Kg		99	60 - 135
Perfluorotridecanoic acid (PFTTrDA)	2.00	1.98		ug/Kg		99	60 - 135
Perfluorotetradecanoic acid (PFTeA)	2.00	2.11		ug/Kg		106	60 - 135
Perfluorobutanesulfonic acid (PFBS)	1.77	1.90		ug/Kg		108	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	1.88	2.21		ug/Kg		118	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.82		ug/Kg		100	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	2.04		ug/Kg		107	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 320-486610/2-A
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonic acid (PFOS)	1.86	1.88		ug/Kg		101	60 - 135
Perfluorononanesulfonic acid (PFNS)	1.92	1.99		ug/Kg		104	60 - 135
Perfluorodecanesulfonic acid (PFDS)	1.93	1.94		ug/Kg		101	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.95		ug/Kg		101	60 - 135
Perfluorooctanesulfonamide (FOSA)	2.00	2.11		ug/Kg		105	60 - 135
NEtFOSA	2.00	2.02		ug/Kg		101	60 - 135
NMeFOSA	2.00	2.12		ug/Kg		106	60 - 135
NMeFOSAA	2.00	2.41		ug/Kg		120	60 - 135
NEtFOSAA	2.00	1.78	J	ug/Kg		89	60 - 135
NMeFOSE	2.00	2.07		ug/Kg		104	60 - 135
NEtFOSE	2.00	1.94		ug/Kg		97	60 - 135
4:2 FTS	1.87	1.86	J	ug/Kg		99	60 - 135
6:2 FTS	1.90	1.90	J	ug/Kg		100	60 - 135
8:2 FTS	1.92	1.99	J	ug/Kg		104	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	2.05		ug/Kg		109	60 - 135
HFPO-DA (GenX)	2.00	2.19		ug/Kg		110	60 - 135
9CI-PF3ONS	1.86	1.90		ug/Kg		102	60 - 135
11CI-PF3OUdS	1.88	1.69		ug/Kg		90	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	99		25 - 150
13C5 PFPeA	107		25 - 150
13C2 PFHxA	99		25 - 150
13C4 PFHpA	108		25 - 150
13C4 PFOA	103		25 - 150
13C5 PFNA	108		25 - 150
13C2 PFDA	101		25 - 150
13C2 PFUnA	109		25 - 150
13C2 PFDoA	107		25 - 150
13C2 PFTeDA	94		25 - 150
13C3 PFBS	100		25 - 150
18O2 PFHxS	106		25 - 150
13C4 PFOS	108		25 - 150
13C8 FOSA	108		10 - 150
d3-NMeFOSAA	104		25 - 150
d5-NEtFOSAA	112		25 - 150
d-N-MeFOSA-M	71		10 - 150
d-N-EtFOSA-M	68		10 - 150
d7-N-MeFOSE-M	97		10 - 150
d9-N-EtFOSE-M	98		10 - 150
M2-4:2 FTS	134		25 - 150
M2-6:2 FTS	127		25 - 150
M2-8:2 FTS	126		25 - 150
13C3 HFPO-DA	92		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: LCS 320-486610/2-A
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 486610

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
13C2 10:2 FTS	121		25 - 150

Lab Sample ID: 500-198518-12 MS
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: SB-202 (6-7)
Prep Type: Total/NA
Prep Batch: 486610

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<0.033		2.34	2.38		ug/Kg	✱	102	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.090		2.34	2.64		ug/Kg	✱	113	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.049		2.34	2.58		ug/Kg	✱	110	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.034		2.34	2.53		ug/Kg	✱	108	70 - 130
Perfluorooctanoic acid (PFOA)	<0.10		2.34	2.41		ug/Kg	✱	103	70 - 130
Perfluorononanoic acid (PFNA)	<0.042		2.34	2.39		ug/Kg	✱	102	70 - 130
Perfluorodecanoic acid (PFDA)	<0.026		2.34	2.19		ug/Kg	✱	94	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.042		2.34	2.16		ug/Kg	✱	92	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.079		2.34	2.73		ug/Kg	✱	116	70 - 130
Perfluorotridecanoic acid (PFTrDA)	<0.060		2.34	2.53		ug/Kg	✱	108	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.063		2.34	2.42		ug/Kg	✱	103	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.029		2.07	2.16		ug/Kg	✱	104	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.20	2.50		ug/Kg	✱	114	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.036		2.13	2.16		ug/Kg	✱	102	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		2.23	2.23		ug/Kg	✱	100	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.17	2.19		ug/Kg	✱	101	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.023		2.25	2.15		ug/Kg	✱	96	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.046		2.26	2.18		ug/Kg	✱	97	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.070		2.27	2.29		ug/Kg	✱	101	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.096		2.34	2.24		ug/Kg	✱	96	70 - 130
NEtFOSA	<0.028		2.34	2.53		ug/Kg	✱	108	70 - 130
NMeFOSA	<0.048		2.34	2.60		ug/Kg	✱	111	70 - 130
NMeFOSAA	<0.46		2.34	2.53		ug/Kg	✱	108	70 - 130
NEtFOSAA	<0.43		2.34	2.22	J	ug/Kg	✱	95	70 - 130
NMeFOSE	<0.083		2.34	2.38		ug/Kg	✱	102	70 - 130
NEtFOSE	<0.042		2.34	2.38		ug/Kg	✱	101	70 - 130
4:2 FTS	<0.43		2.19	1.98	J	ug/Kg	✱	91	70 - 130
6:2 FTS	<0.18		2.22	2.25	J	ug/Kg	✱	101	70 - 130
8:2 FTS	<0.29		2.24	2.14	J	ug/Kg	✱	95	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		2.21	2.37		ug/Kg	✱	107	70 - 130
HFPO-DA (GenX)	<0.13		2.34	2.56		ug/Kg	✱	109	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: 500-198518-12 MS

Matrix: Solid

Analysis Batch: 487275

Client Sample ID: SB-202 (6-7)

Prep Type: Total/NA

Prep Batch: 486610

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
9CI-PF3ONS	<0.032		2.18	2.06		ug/Kg	⊛	94	70 - 130		
11CI-PF3OUdS	<0.026		2.21	1.91		ug/Kg	⊛	86	70 - 130		
		MS	MS								
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	98		25 - 150								
13C5 PFPeA	100		25 - 150								
13C2 PFHxA	102		25 - 150								
13C4 PFHpA	107		25 - 150								
13C4 PFOA	109		25 - 150								
13C5 PFNA	110		25 - 150								
13C2 PFDA	100		25 - 150								
13C2 PFUnA	108		25 - 150								
13C2 PFDoA	90		25 - 150								
13C2 PFTeDA	92		25 - 150								
13C3 PFBS	94		25 - 150								
18O2 PFHxS	98		25 - 150								
13C4 PFOS	98		25 - 150								
13C8 FOSA	107		10 - 150								
d3-NMeFOSAA	113		25 - 150								
d5-NEtFOSAA	109		25 - 150								
d-N-MeFOSA-M	82		10 - 150								
d-N-EtFOSA-M	76		10 - 150								
d7-N-MeFOSE-M	96		10 - 150								
d9-N-EtFOSE-M	97		10 - 150								
M2-4:2 FTS	136		25 - 150								
M2-6:2 FTS	117		25 - 150								
M2-8:2 FTS	118		25 - 150								
13C3 HFPO-DA	93		25 - 150								
13C2 10:2 FTS	106		25 - 150								

Lab Sample ID: 500-198518-12 MSD

Matrix: Solid

Analysis Batch: 487275

Client Sample ID: SB-202 (6-7)

Prep Type: Total/NA

Prep Batch: 486610

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
Perfluorobutanoic acid (PFBA)	<0.033		2.38	2.55		ug/Kg	⊛	107	70 - 130		7	30
Perfluoropentanoic acid (PFPeA)	<0.090		2.38	2.56		ug/Kg	⊛	108	70 - 130		3	30
Perfluorohexanoic acid (PFHxA)	<0.049		2.38	2.70		ug/Kg	⊛	114	70 - 130		5	30
Perfluoroheptanoic acid (PFHpA)	<0.034		2.38	2.67		ug/Kg	⊛	112	70 - 130		5	30
Perfluorooctanoic acid (PFOA)	<0.10		2.38	2.56		ug/Kg	⊛	108	70 - 130		6	30
Perfluorononanoic acid (PFNA)	<0.042		2.38	2.44		ug/Kg	⊛	103	70 - 130		2	30
Perfluorodecanoic acid (PFDA)	<0.026		2.38	2.34		ug/Kg	⊛	99	70 - 130		7	30
Perfluoroundecanoic acid (PFUnA)	<0.042		2.38	2.12		ug/Kg	⊛	89	70 - 130		2	30
Perfluorododecanoic acid (PFDoA)	<0.079		2.38	2.55		ug/Kg	⊛	107	70 - 130		7	30
Perfluorotridecanoic acid (PFTTrDA)	<0.060		2.38	2.36		ug/Kg	⊛	99	70 - 130		7	30
Perfluorotetradecanoic acid (PFTeA)	<0.063		2.38	2.47		ug/Kg	⊛	104	70 - 130		2	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: 500-198518-12 MSD
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: SB-202 (6-7)
Prep Type: Total/NA
Prep Batch: 486610

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid (PFBS)	<0.029		2.10	2.19		ug/Kg	☼	104	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.23	2.55		ug/Kg	☼	114	70 - 130	2	30
Perfluorohexanesulfonic acid (PFHxS)	<0.036		2.16	2.09		ug/Kg	☼	97	70 - 130	4	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		2.26	2.34		ug/Kg	☼	104	70 - 130	5	30
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.20	2.32		ug/Kg	☼	105	70 - 130	6	30
Perfluorononanesulfonic acid (PFNS)	<0.023		2.28	2.38		ug/Kg	☼	105	70 - 130	10	30
Perfluorodecanesulfonic acid (PFDS)	<0.046		2.29	2.28		ug/Kg	☼	100	70 - 130	4	30
Perfluorododecanesulfonic acid (PFDoS)	<0.070		2.30	2.33		ug/Kg	☼	102	70 - 130	2	30
Perfluorooctanesulfonamide (FOSA)	<0.096		2.38	2.35		ug/Kg	☼	99	70 - 130	5	30
NEtFOSA	<0.028		2.38	2.35		ug/Kg	☼	99	70 - 130	7	30
NMeFOSA	<0.048		2.38	2.64		ug/Kg	☼	111	70 - 130	1	30
NMeFOSAA	<0.46		2.38	2.95		ug/Kg	☼	124	70 - 130	15	30
NEtFOSAA	<0.43		2.38	2.36	J	ug/Kg	☼	99	70 - 130	6	30
NMeFOSE	<0.083		2.38	2.36		ug/Kg	☼	99	70 - 130	1	30
NEtFOSE	<0.042		2.38	2.26		ug/Kg	☼	95	70 - 130	5	30
4:2 FTS	<0.43		2.22	2.20	J	ug/Kg	☼	99	70 - 130	10	30
6:2 FTS	<0.18		2.25	2.36	J	ug/Kg	☼	105	70 - 130	5	30
8:2 FTS	<0.29		2.28	2.45		ug/Kg	☼	108	70 - 130	14	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		2.24	2.63		ug/Kg	☼	117	70 - 130	10	30
HFPO-DA (GenX)	<0.13		2.38	2.69		ug/Kg	☼	113	70 - 130	5	30
9CI-PF3ONS	<0.032		2.21	2.24		ug/Kg	☼	101	70 - 130	8	30
11CI-PF3OUdS	<0.026		2.24	2.08		ug/Kg	☼	93	70 - 130	9	30

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	94		25 - 150
13C5 PFPeA	101		25 - 150
13C2 PFHxA	96		25 - 150
13C4 PFHpA	103		25 - 150
13C4 PFOA	104		25 - 150
13C5 PFNA	104		25 - 150
13C2 PFDA	94		25 - 150
13C2 PFUnA	100		25 - 150
13C2 PFDoA	95		25 - 150
13C2 PFTeDA	88		25 - 150
13C3 PFBS	83		25 - 150
18O2 PFHxS	89		25 - 150
13C4 PFOS	88		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	102		25 - 150
d5-NEtFOSAA	101		25 - 150
d-N-MeFOSA-M	78		10 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Lab Sample ID: 500-198518-12 MSD
Matrix: Solid
Analysis Batch: 487275

Client Sample ID: SB-202 (6-7)
Prep Type: Total/NA
Prep Batch: 486610

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
d-N-EtFOSA-M	76		10 - 150
d7-N-MeFOSE-M	100		10 - 150
d9-N-EtFOSE-M	101		10 - 150
M2-4:2 FTS	123		25 - 150
M2-6:2 FTS	101		25 - 150
M2-8:2 FTS	103		25 - 150
13C3 HFPO-DA	90		25 - 150
13C2 10:2 FTS	104		25 - 150

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-597918/1-A
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597918

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	<8.2		20	8.2	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Barium	<0.11		1.0	0.11	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Cadmium	<0.036		0.20	0.036	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Copper	<0.28		1.0	0.28	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Iron	<10		20	10	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Lead	<0.23		0.50	0.23	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Silver	<0.13		0.50	0.13	mg/Kg		05/10/21 17:06	05/12/21 16:10	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/10/21 17:06	05/12/21 16:10	1

Lab Sample ID: LCS 500-597918/2-A
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aluminum	200	198		mg/Kg		99	80 - 120
Antimony	50.0	51.5		mg/Kg		103	80 - 120
Arsenic	10.0	9.68		mg/Kg		97	80 - 120
Barium	200	205		mg/Kg		103	80 - 120
Cadmium	5.00	4.78		mg/Kg		96	80 - 120
Chromium	20.0	19.8		mg/Kg		99	80 - 120
Copper	25.0	25.6		mg/Kg		102	80 - 120
Iron	100	107		mg/Kg		107	80 - 120
Lead	10.0	9.77		mg/Kg		98	80 - 120
Manganese	50.0	48.7		mg/Kg		97	80 - 120
Nickel	50.0	50.3		mg/Kg		101	80 - 120
Selenium	10.0	9.37		mg/Kg		94	80 - 120
Silver	5.00	4.97		mg/Kg		99	80 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-597918/2-A
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	10.0	9.78		mg/Kg		98	80 - 120

Lab Sample ID: 500-198518-1 MS
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: SB-200 (2-3)
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	4900	F2	207	10800	4	mg/Kg	⊛	2835	75 - 125
Antimony	0.48	J F1 F2	51.7	19.2	F1	mg/Kg	⊛	36	75 - 125
Arsenic	1.8		10.3	10.3		mg/Kg	⊛	82	75 - 125
Barium	22		207	213		mg/Kg	⊛	93	75 - 125
Cadmium	0.041	J	5.17	4.79		mg/Kg	⊛	93	75 - 125
Chromium	9.8		20.7	32.9		mg/Kg	⊛	111	75 - 125
Copper	13		25.9	35.7		mg/Kg	⊛	88	75 - 125
Iron	9100		103	10400	4	mg/Kg	⊛	1273	75 - 125
Lead	6.5		10.3	15.7		mg/Kg	⊛	89	75 - 125
Manganese	180	F1	51.7	188	F1	mg/Kg	⊛	19	75 - 125
Nickel	11		51.7	65.3		mg/Kg	⊛	106	75 - 125
Selenium	<0.67		10.3	8.69		mg/Kg	⊛	84	75 - 125
Silver	<0.15		5.17	5.19		mg/Kg	⊛	100	75 - 125
Thallium	0.68	J	10.3	10.4		mg/Kg	⊛	94	75 - 125

Lab Sample ID: 500-198518-1 MSD
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: SB-200 (2-3)
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	4900	F2	229	8090	4 F2	mg/Kg	⊛	1379	75 - 125	29	20
Antimony	0.48	J F1 F2	57.2	29.2	F1 F2	mg/Kg	⊛	50	75 - 125	41	20
Arsenic	1.8		11.4	12.1		mg/Kg	⊛	90	75 - 125	16	20
Barium	22		229	233		mg/Kg	⊛	92	75 - 125	9	20
Cadmium	0.041	J	5.72	5.42		mg/Kg	⊛	95	75 - 125	12	20
Chromium	9.8		22.9	31.8		mg/Kg	⊛	96	75 - 125	3	20
Copper	13		28.6	40.6		mg/Kg	⊛	97	75 - 125	13	20
Iron	9100		114	9740	4	mg/Kg	⊛	530	75 - 125	7	20
Lead	6.5		11.4	16.5		mg/Kg	⊛	87	75 - 125	5	20
Manganese	180	F1	57.2	216	F1	mg/Kg	⊛	66	75 - 125	14	20
Nickel	11		57.2	67.6		mg/Kg	⊛	99	75 - 125	3	20
Selenium	<0.67		11.4	9.98		mg/Kg	⊛	87	75 - 125	14	20
Silver	<0.15		5.72	5.88		mg/Kg	⊛	103	75 - 125	12	20
Thallium	0.68	J	11.4	11.3		mg/Kg	⊛	93	75 - 125	9	20

Lab Sample ID: 500-198518-1 DU
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: SB-200 (2-3)
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	4900	F2	6450	F3	mg/Kg	⊛	27	20
Antimony	0.48	J F1 F2	<0.42		mg/Kg	⊛	NC	20

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-198518-1 DU
Matrix: Solid
Analysis Batch: 598495

Client Sample ID: SB-200 (2-3)
Prep Type: Total/NA
Prep Batch: 597918

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier					
Arsenic	1.8		0.985	J F5	mg/Kg	☼	57	20	
Barium	22		20.4		mg/Kg	☼	7	20	
Cadmium	0.041	J	0.0513	J F5	mg/Kg	☼	23	20	
Chromium	9.8		11.4		mg/Kg	☼	15	20	
Copper	13		11.0		mg/Kg	☼	15	20	
Iron	9100		9330		mg/Kg	☼	2	20	
Lead	6.5		4.43	F3	mg/Kg	☼	37	20	
Manganese	180	F1	157		mg/Kg	☼	13	20	
Nickel	11		11.6		mg/Kg	☼	8	20	
Selenium	<0.67		<0.63		mg/Kg	☼	NC	20	
Silver	<0.15		<0.14		mg/Kg	☼	NC	20	
Thallium	0.68	J	<0.54		mg/Kg	☼	NC	20	

Lab Sample ID: MB 500-597920/1-A
Matrix: Solid
Analysis Batch: 598227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597920

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	<8.2		20	8.2	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Barium	<0.11		1.0	0.11	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Cadmium	<0.036		0.20	0.036	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Copper	<0.28		1.0	0.28	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Iron	<10		20	10	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Lead	<0.23		0.50	0.23	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Silver	<0.13		0.50	0.13	mg/Kg		05/10/21 17:32	05/11/21 14:18	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/10/21 17:32	05/11/21 14:18	1

Lab Sample ID: LCS 500-597920/2-A
Matrix: Solid
Analysis Batch: 598227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597920

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Aluminum	200	190		mg/Kg		95	80 - 120	
Antimony	50.0	50.0		mg/Kg		100	80 - 120	
Arsenic	10.0	9.70		mg/Kg		97	80 - 120	
Barium	200	206		mg/Kg		103	80 - 120	
Cadmium	5.00	4.71		mg/Kg		94	80 - 120	
Chromium	20.0	19.4		mg/Kg		97	80 - 120	
Copper	25.0	25.3		mg/Kg		101	80 - 120	
Iron	100	95.1		mg/Kg		95	80 - 120	
Lead	10.0	9.46		mg/Kg		95	80 - 120	
Manganese	50.0	45.3		mg/Kg		91	80 - 120	
Nickel	50.0	49.4		mg/Kg		99	80 - 120	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-597920/2-A
 Matrix: Solid
 Analysis Batch: 598227

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 597920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	10.0	8.99		mg/Kg		90	80 - 120
Silver	5.00	4.84		mg/Kg		97	80 - 120
Thallium	10.0	9.60		mg/Kg		96	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-598077/12-A
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 598077

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/11/21 14:00	05/12/21 07:52	1

Lab Sample ID: LCS 500-598077/13-A
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 598077

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.180		mg/Kg		108	80 - 120

Lab Sample ID: 500-198518-13 MS
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: SB-204 (2-3)
 Prep Type: Total/NA
 Prep Batch: 598077

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.020		0.0964	0.128		mg/Kg	⊛	112	75 - 125

Lab Sample ID: 500-198518-13 MSD
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: SB-204 (2-3)
 Prep Type: Total/NA
 Prep Batch: 598077

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.020		0.0964	0.129		mg/Kg	⊛	113	75 - 125	1	20

Lab Sample ID: 500-198518-13 DU
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: SB-204 (2-3)
 Prep Type: Total/NA
 Prep Batch: 598077

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.020		0.0273	F5	mg/Kg	⊛	31	20

Lab Sample ID: MB 500-598078/12-A
 Matrix: Solid
 Analysis Batch: 598324

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 598078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/11/21 14:00	05/12/21 08:47	1

QC Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-598078/13-A
Matrix: Solid
Analysis Batch: 598324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.167	0.185		mg/Kg		111	80 - 120

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-200 (2-3)

Date Collected: 04/26/21 11:12

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-200 (2-3)

Date Collected: 04/26/21 11:12

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-1

Matrix: Solid

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/26/21 11:12	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 03:12	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 18:41	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 03:13	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:16	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 07:56	MJG	TAL CHI

Client Sample ID: SB-214 (2-3)

Date Collected: 04/27/21 10:10

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-214 (2-3)

Date Collected: 04/27/21 10:10

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-2

Matrix: Solid

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/27/21 10:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 03:37	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 19:02	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 03:28	SS	TAL CHI
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 05:23	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:33	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 07:58	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-214 (7-8)

Date Collected: 04/27/21 10:12

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-214 (7-8)

Date Collected: 04/27/21 10:12

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-3

Matrix: Solid

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/27/21 10:12	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 04:02	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 19:22	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 03:44	SS	TAL CHI
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 05:32	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:36	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:00	MJG	TAL CHI

Client Sample ID: SB-214 (10-11)

Date Collected: 04/27/21 10:14

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-214 (10-11)

Date Collected: 04/27/21 10:14

Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-4

Matrix: Solid

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/27/21 10:14	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 04:27	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 19:43	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 03:59	SS	TAL CHI
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 05:42	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:39	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:02	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: FB-01-210427

Lab Sample ID: 500-198518-5

Date Collected: 04/27/21 14:00

Matrix: Water

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			486403	05/05/21 19:54	AP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487929	05/11/21 11:44	S1M	TAL SAC

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-201 (3-4)

Lab Sample ID: 500-198518-6

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/28/21 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 14:24	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 20:03	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 04:14	SS	TAL CHI
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 05:51	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:49	EEEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:04	MJG	TAL CHI

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598222	05/12/21 07:08	LWN	TAL CHI

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/28/21 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 14:51	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 20:24	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 04:30	SS	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-01-210428

Lab Sample ID: 500-198518-7

Date Collected: 04/28/21 12:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 06:00	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:52	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:06	MJG	TAL CHI

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-201 (5-6)

Lab Sample ID: 500-198518-8

Date Collected: 04/28/21 12:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:33	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 18:24	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 20:45	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 04:45	SS	TAL CHI
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 06:09	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:56	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:08	MJG	TAL CHI

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Date Collected: 04/28/21 13:45

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Date Collected: 04/28/21 13:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 06:18	RS1	TAL SAC

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-203 (2-3)

Lab Sample ID: 500-198518-9

Date Collected: 04/28/21 13:45

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 16:59	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:14	MJG	TAL CHI

Client Sample ID: SB-203 (6-7)

Lab Sample ID: 500-198518-10

Date Collected: 04/28/21 13:50

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-203 (6-7)

Lab Sample ID: 500-198518-10

Date Collected: 04/28/21 13:50

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 06:27	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:02	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:15	MJG	TAL CHI

Client Sample ID: SB-202 (2-3)

Lab Sample ID: 500-198518-11

Date Collected: 04/28/21 14:10

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-202 (2-3)

Lab Sample ID: 500-198518-11

Date Collected: 04/28/21 14:10

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 07:04	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:05	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:17	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-202 (6-7)

Lab Sample ID: 500-198518-12

Date Collected: 04/28/21 14:15

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-202 (6-7)

Lab Sample ID: 500-198518-12

Date Collected: 04/28/21 14:15

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			486610	05/06/21 11:31	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487275	05/08/21 07:13	RS1	TAL SAC
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:09	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:19	MJG	TAL CHI

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Date Collected: 04/28/21 15:20

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-204 (2-3)

Lab Sample ID: 500-198518-13

Date Collected: 04/28/21 15:20

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/28/21 15:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 16:11	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 21:06	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 05:01	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:12	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:21	MJG	TAL CHI

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Date Collected: 04/28/21 15:25

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-204 (6-7)

Lab Sample ID: 500-198518-14

Date Collected: 04/28/21 15:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/28/21 15:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 16:38	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 21:26	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 05:16	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:15	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:28	MJG	TAL CHI

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Date Collected: 04/28/21 15:30

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-204 (10-11)

Lab Sample ID: 500-198518-15

Date Collected: 04/28/21 15:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:34	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 18:51	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 21:47	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 05:32	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:18	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:30	MJG	TAL CHI

Client Sample ID: FB-02-210428

Lab Sample ID: 500-198518-16

Date Collected: 04/28/21 15:40

Matrix: Water

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			486403	05/05/21 19:54	AP	TAL SAC
Total/NA	Analysis	537 (modified)		1	487411	05/09/21 01:49	K1S	TAL SAC

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (3-4)
Date Collected: 04/29/21 09:55
Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: MW-224 (3-4)
Date Collected: 04/29/21 09:55
Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-17
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/29/21 09:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 17:05	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 22:08	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 05:47	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:28	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:37	MJG	TAL CHI

Client Sample ID: DUP-02-210429
Date Collected: 04/29/21 09:55
Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: DUP-02-210429
Date Collected: 04/29/21 09:55
Date Received: 05/01/21 09:40

Lab Sample ID: 500-198518-18
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/29/21 09:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 17:31	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 22:28	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 06:02	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:32	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:38	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Date Collected: 04/29/21 10:00

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: MW-224 (10-11)

Lab Sample ID: 500-198518-19

Date Collected: 04/29/21 10:00

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/29/21 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 17:58	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 22:50	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 06:18	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:35	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:40	MJG	TAL CHI

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: MW-224 (12-13)

Lab Sample ID: 500-198518-20

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:36	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 19:18	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 23:11	SS	TAL CHI
Total/NA	Prep	3541			598013	05/11/21 08:28	BSO	TAL CHI
Total/NA	Analysis	8082A		1	598210	05/12/21 06:33	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:38	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:42	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: DUP-03-210429

Lab Sample ID: 500-198518-21

Date Collected: 04/29/21 10:05

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:37	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 19:44	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 23:32	SS	TAL CHI
Total/NA	Prep	3541			598405	05/12/21 16:09	JP1	TAL CHI
Total/NA	Analysis	8082A		1	598478	05/13/21 03:49	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:41	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:44	MJG	TAL CHI

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Date Collected: 04/29/21 12:25

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597842	05/10/21 11:11	LWN	TAL CHI

Client Sample ID: SB-223 (3-4)

Lab Sample ID: 500-198518-22

Date Collected: 04/29/21 12:25

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:39	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 20:11	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/10/21 23:52	SS	TAL CHI
Total/NA	Prep	3541			598405	05/12/21 16:09	JP1	TAL CHI
Total/NA	Analysis	8082A		1	598478	05/13/21 04:05	SS	TAL CHI
Total/NA	Prep	3050B			597918	05/10/21 17:06	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598495	05/12/21 17:45	EEN	TAL CHI
Total/NA	Prep	7471B			598077	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:45	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597870	05/10/21 14:02	LWN	TAL CHI

Client Sample ID: SB-223 (11-12)

Lab Sample ID: 500-198518-23

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 20:38	PMF	TAL CHI
Total/NA	Prep	3541			597787	05/10/21 08:42	BSO	TAL CHI
Total/NA	Analysis	8270D		1	597911	05/11/21 00:14	SS	TAL CHI
Total/NA	Prep	3541			598405	05/12/21 16:09	JP1	TAL CHI
Total/NA	Analysis	8082A		1	598478	05/13/21 04:20	SS	TAL CHI
Total/NA	Prep	3050B			597920	05/10/21 17:32	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598227	05/11/21 14:31	EEN	TAL CHI
Total/NA	Prep	7471B			598078	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:51	MJG	TAL CHI

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597870	05/10/21 14:02	LWN	TAL CHI

Client Sample ID: DUP-04-210429

Lab Sample ID: 500-198518-24

Date Collected: 04/29/21 12:30

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:42	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 21:05	PMF	TAL CHI
Total/NA	Prep	3541			597931	05/10/21 19:10	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598015	05/11/21 10:48	AJD	TAL CHI
Total/NA	Prep	3541			598405	05/12/21 16:09	JP1	TAL CHI
Total/NA	Analysis	8082A		1	598478	05/13/21 04:36	SS	TAL CHI
Total/NA	Prep	3050B			597920	05/10/21 17:32	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598227	05/11/21 14:34	EEN	TAL CHI
Total/NA	Prep	7471B			598078	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:53	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Date Collected: 04/29/21 12:35

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	597870	05/10/21 14:02	LWN	TAL CHI

Client Sample ID: SB-223 (17-18)

Lab Sample ID: 500-198518-25

Date Collected: 04/29/21 12:35

Matrix: Solid

Date Received: 05/01/21 09:40

Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597041	05/05/21 21:43	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598070	05/11/21 21:31	PMF	TAL CHI
Total/NA	Prep	3541			597931	05/10/21 19:10	JP1	TAL CHI
Total/NA	Analysis	8270D		1	598015	05/11/21 16:29	AJD	TAL CHI
Total/NA	Prep	3541			598405	05/12/21 16:09	JP1	TAL CHI
Total/NA	Analysis	8082A		1	598478	05/13/21 04:51	SS	TAL CHI
Total/NA	Prep	3050B			597920	05/10/21 17:32	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598227	05/11/21 14:38	EEN	TAL CHI
Total/NA	Prep	7471B			598078	05/11/21 14:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	598324	05/12/21 08:59	MJG	TAL CHI

Client Sample ID: TB-01-210430

Lab Sample ID: 500-198518-26

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596558	04/26/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/07/21 23:54	PMF	TAL CHI

Client Sample ID: TB-02-210430

Lab Sample ID: 500-198518-27

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596559	04/26/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 00:19	PMF	TAL CHI

Client Sample ID: TB-03-210430

Lab Sample ID: 500-198518-28

Date Collected: 04/26/21 00:00

Matrix: Solid

Date Received: 05/01/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			596559	04/26/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	597468	05/08/21 00:44	PMF	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

Eurofins TestAmerica, Chicago

Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

Laboratory: Eurofins TestAmerica, Sacramento

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

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

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Chain of Custody Record



Client Information		Sampler Liz Bonucki		Lab PM Fredrick Sandie		500-198518 COC		Carrier Tracking No(s)		COC No. 500-90534-40477 1	
Client Contact: Paul Lindquist		Phone 262-758-1488		E-Mail sandra.fredrick@eurofins.com		State of Origin Wisconsin				Page 1 of 23	
Company: Ramboll US Corporation				PWSID				Analysis Requested		Job #: 500-198518	
Address: 234 W Florida Street Fifth Floor		Due Date Requested		TAT Requested (days) 10-Day TAT		Compliance Project. Δ Yes Δ No		Total Number of Containers		Preservation Codes	
City: Milwaukee		PO #: 1690019647		WO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		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)	
Phone: 262-901-3507(Tel)		Project # 50018382		SSOW#		8260B VOC (DRY WEIGHT)		8082A PCB		8270D - PAH	
Email: plindquist@ramboll.com		Site: Former Mirro Plant No. 9				6010B, 7471B		PFC_IDA_WI - PFAS Extended List (36 Analytes)		NOA Vials	
Project Name: Former Mirro Plant No 9 - 1690019647						PFC_IDA_WI - PFAS Extended List (33 Analytes)					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Special Instructions/Note	
				Preservation Code							
1	SB-200 (2-3)	4-26-2021	1112	G	S	X	X	X	X	X	
2	SB-214 (2-3)	4-27-2021	1010	G	S	X	X	X	X	X	Limited volume: PAH, PCB, metal volume consolidated to 1 sample jar
3	SB-214 (7-8)	4-27-2021	1012	G	S	X	X	X	X	X	
4	SB-214 (10-11)	4-27-2021	1014	G	S	X	X	X	X	X	
5	FB-01-210427	4-27-2021	1400	G	W					X	
6	SB-201 (3-4)	4-28-2021	1245	G	S	X	X	X	X	X	
7	DUP-01-210428	4-28-2021	1245	G	S	X	X	X	X	X	
8	SB-201 (5-6)	4-28-2021	1250	G	S	X	X	X	X	X	
9	SB-203 (2-3)	4-28-2021	1345	G	S					X	
10	SB-203 (6-7)	4-28-2021	1350	G	S					X	
11	SB-202 (2-3)	4-28-2021	1410	G	S					X	

Eurofins TestAmerica, Chicago

2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins Environment Testing America

Client Information		Sampler Liz Bonucki		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No 500-90534-40477 2		
Client Contact: Paul Lindquist		Phone 262-758-1488		E-Mail sandra.fredrick@eurofinset.com		State of Origin Wisconsin		Page Page 2 of 3		
Company: Ramboll US Corporation				PWSID		Analysis Requested				
Address: 234 W Florida Street Fifth Floor		Due Date Requested		Field Filtered Sample (Yes or No) Perform MSMSP (Yes or No) (DRY WEIGHT)		8260B - VOC 8082A - PCB 8270D - PAH 6010B 7471B PFC_IDA_WI - PFAS Extended List (36 Analytes) 8260B VOC (NOA VIOL) PFC_IDA_WI - PFAS Extended List (33 Analytes)		Job # 500-198518		
City: Milwaukee		TAT Requested (days): 10-Day TAT						Preservation Codes		
State Zip: WI 53204		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No						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)		
Phone: 262-901-3507(Tel)		PO #: 1690019647						Other:		
Email: plindquist@ramboll.com		WO #:						Total Number of containers		
Project Name: Former Mirro Plant No 9 1690019647		Project #: 50018382		Special Instructions/Note						
Site: Former Mirro Plant No. 9		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)		
								Preservation Code		
12 SB-202 (6-7)		4-28-2021		1415		G		S		
13 SB-204 (2-3)		4-28-2021		1520		G		S		
14 SB-204 (6-7)		4-28-2021		1525		G		S		
15 SB-204 (10-11)		4-28-2021		1530		G		S		
16 FB-02-210428		4-28-2021		1540		G		W		
17 MW-224 (3-4)		4-29-2021		0955		G		S		
18 DUP-02-210429		4-29-2021		0955		G		S		
19 MW-224 (10-11)		4-29-2021		1000		G		S		
20 MW-224 (12-13)		4-29-2021		1005		G		S		
21 DUP-03-210429		4-29-2021		1005		G		S		
22 SB-223 (3-4)		4-29-2021		1825		G		S		
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: Liz Bonucki		Date/Time: 4-30-2021 / 1135		Company: Ramboll		Received by: Paul		Date/Time: 4/30/2021 1135		Company: Ramboll
Relinquished by: Paul		Date/Time: 4/30/2021 1550		Company: Ramboll		Received by: Stephanie		Date/Time: 4-30-21 1550		Company: TA
Relinquished by: Stephanie		Date/Time: 4-30-21 1700		Company: TA		Received by: Stephanie Hernandez		Date/Time: 5/11/21 0940		Company: ETA-CHI
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks						

Chain of Custody Record

Client Information		Sampler: Liz Bonucki		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No: 500-90534-40477 3																							
Client Contact: Paul Lindquist		Phone: 262-758-1488		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page: Page 3 of 3																							
Company: Ramboll US Corporation		PWSID		Analysis Requested						Job #: 500-198518																					
Address: 234 W Florida Street Fifth Floor		Due Date Requested		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Field Filtered Sample (Yes or No)</td> <td style="width:5%;">Perform MS/MSD (Yes or No)</td> <td style="width:5%;">8260B VOC (DRY WEIGHT)</td> <td style="width:5%;">8082A PCB</td> <td style="width:5%;">8270D - PAH</td> <td style="width:5%;">6010B 7471B</td> <td style="width:5%;">PFC_IDA_WI - PFAS, Extended List (36 Analytes)</td> <td style="width:5%;">8260B - VOC (VOA Vial)</td> <td style="width:5%;">PFC_IDA_WI - PFAS, Extended List (33 Analytes)</td> <td style="width:5%;">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOC (DRY WEIGHT)	8082A PCB	8270D - PAH	6010B 7471B	PFC_IDA_WI - PFAS, Extended List (36 Analytes)	8260B - VOC (VOA Vial)	PFC_IDA_WI - PFAS, Extended List (33 Analytes)	Total Number of Containers											Preservation Codes	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOC (DRY WEIGHT)	8082A PCB							8270D - PAH	6010B 7471B	PFC_IDA_WI - PFAS, Extended List (36 Analytes)	8260B - VOC (VOA Vial)	PFC_IDA_WI - PFAS, Extended List (33 Analytes)	Total Number of Containers																
City: Milwaukee		TAT Requested (days): 10-Day TAT								A HCL		M Hexane																			
State, Zip: WI 53204		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								B NaOH		N None																			
Phone: 262-901-3507(Tel)		PO #: 1690019647		C Zn Acetate		O AsNaO2																									
Email: plindquist@ramboll.com		WO #:		D Nitric Acid		P Na2O4S																									
Project Name: Former Mirro Plant No 9 - 1690019647		Project #: 50018382		E NaHSO4		Q Na2SO3																									
Site: Former Mirro Plant No. 9		SSOW#:		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:																							

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)	8260B VOC (DRY WEIGHT)	8082A PCB	8270D - PAH	6010B 7471B	PFC_IDA_WI - PFAS, Extended List (36 Analytes)	8260B - VOC (VOA Vial)	PFC_IDA_WI - PFAS, Extended List (33 Analytes)	Total Number of Containers	Special Instructions/Note
23 SB-223 (11-12)	4-29-2021	1230	G	S			X	X	X	X		X			
24 DUP-04-210429	4-29-2021	1230	G	S			X	X	X	X		X			
25 SB-223 (17-18)	4-29-2021	1235	G	S			X	X	X	X		X			
26 TB-01-210430	-	-	-	W								X			
27 TB-02-210430	-	-	-	W								X			
28 TB-03-210430	-	-	-	W								X			

[Signature]
4-30-2021

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: Liz Bonucki		Date/Time: 4-30-2021 / 1135		Company: Ramboll		Received by: Paul Lindquist	
Relinquished by: Paul Lindquist		Date/Time: 4/30/2021 1550		Company: Ramboll		Received by: [Signature]	
Relinquished by: [Signature]		Date/Time: 4-30-21 1700		Company: TA		Received by: Stephanie Hemond	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks		Date/Time: 4/30/2021 1135 Company: Ramboll	
						Date/Time: 4-30-21 1550 Company: TA	
						Date/Time: 5/1/21 0940 Company: ETA-CHI	



500-198518 Wayb

ORIGIN ID:RRLA (262) 202-5955
SHIPPING
TESTAMERICA
4125 N 124TH ST

RT 718
ST 18

5 12:00
40A 05 0

BROOKFIELD, WI 53005
UNITED STATES US

ORIGIN ID:RRLA (262) 202-5955
SHIPPING
TESTAMERICA
4125 N 124TH ST

SHIP DATE: 30
ACTWGT: 49.45
CAD: 52515570

BROOKFIELD, WI 53005
UNITED STATES US

BILL RECIPIENT

RT 718
ST 18

TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET

TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET

UNIVERSITY PARK IL 60484

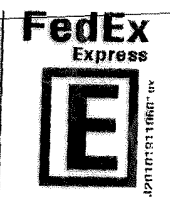
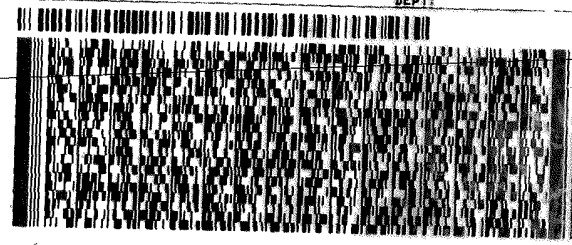
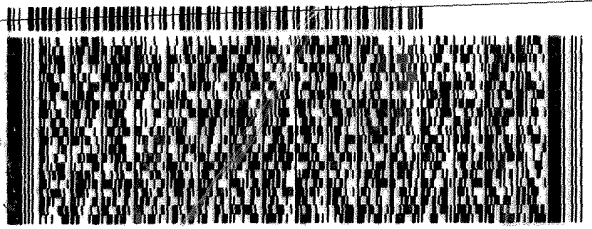
UNIVERSITY PARK IL 60484

(708) 634-6200
INU:
PO:

REF:
DEPT:

(708) 634-6200
INU:
PO:

REF:
DEPT:

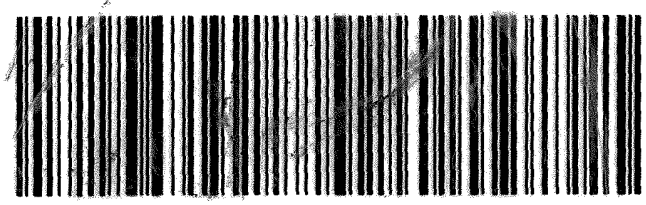


2 of 3
MPS# 0263 7125 4944 4030
Mstr# 7125 4944 4030

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484
IL-US ORD

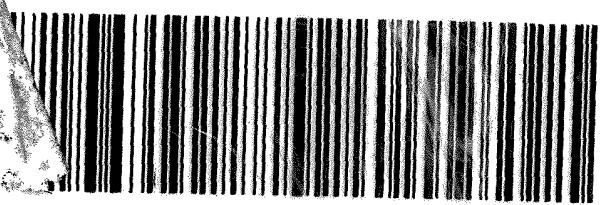


3 of 3
MPS# 0263 7125 4944 4052
Mstr# 7125 4944 4030

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO JOTA

60484
IL-US ORD



ORIGIN ID:RRLA (262) 202-5959
SHIPPING
TESTAMERICA
4125 N 124TH ST

SHIP DATE: 30ARR21
ACTWT: 37.20 LB
CAD: 525155/CAFE3406

BROOKFIELD, IL 53005
UNITED STATES US

BILL RECEIPT

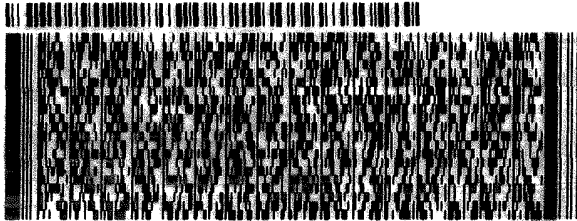
TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET

UNIVERSITY PARK IL 60484

(708) 684-6200
INU:
PO:

REF:

DEPT:



FedEx
Express



1 of 3

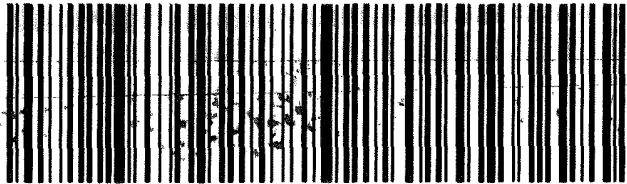
TRK# 7125 4944 4030
0201

MASTER

XO JOTA

SATURDAY 12:00P
PRIORITY OVERNIGHT

60484
IL-US ORD



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No:																					
Client Contact: Shipping/Receiving		Phone:		Fredrick, Sandie		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin																					
Company: TestAmerica Laboratories, Inc.		Address: 880 Riverside Parkway,		Due Date Requested: 5/16/2021		Accreditations Required (See note): State - Wisconsin		Page: Page 1 of 2																					
City: West Sacramento		State, Zip: CA, 95605		TAT Requested (days):		<table border="1"> <tr> <th colspan="10">Analysis Requested</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		Analysis Requested																				Job #: 500-198518-1 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:	
Analysis Requested																													
Project Name: Former Mirro Plant No 9 - 1690019647		Project #: 50018382		PO #:																									
Site:		SSOW#:		WO #:		Total Number of containers		Special Instructions/Note:																					
Sample Identification - Client ID (Lab ID)	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_W/IShake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_W/IS3535_PFC_28D PFAS, Standard List (33 analytes)																					
SB-214 (2-3) (500-198518-2)	4/27/21	10:10 Central		Solid			X												1										
SB-214 (7-8) (500-198518-3)	4/27/21	10:12 Central		Solid			X												1										
SB-214 (10-11) (500-198518-4)	4/27/21	10:14 Central		Solid			X												1										
FB-01-210427 (500-198518-5)	4/27/21	14:00 Central		Water				X											2										
SB-201 (3-4) (500-198518-6)	4/28/21	12:45 Central		Solid			X												1										
DUP-01-210428 (500-198518-7)	4/28/21	12:45 Central		Solid			X												1										
SB-201 (5-6) (500-198518-8)	4/28/21	12:50 Central		Solid			X												1										
SB-203 (2-3) (500-198518-9)	4/28/21	13:45 Central		Solid			X												1										
SB-203 (6-7) (500-198518-10)	4/28/21	13:50 Central		Solid			X												1										
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																													
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 2					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																			
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____																													
Relinquished by: <i>[Signature]</i>			Date/Time: 5/3/21 1300		Company: EAA		Received by: <i>[Signature]</i>			Date/Time: 5-5-21 / 10:15		Company: ETASAC																	
Relinquished by: _____			Date/Time: _____		Company: _____		Received by: _____			Date/Time: _____		Company: _____																	
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.: 1443835, 1443949, 1443948					Cooler Temperature(s) °C and Other Remarks: 5.0, 2.1																						

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5/17/2021



Client Information (Sub Contract Lab)				Sampler:		Lab PM:				Carrier Tracking No(s):				COC No:			
Client Contact: Shipping/Receiving				Phone:		Fredrick, Sandie				E-Mail: sandra.fredrick@eurofinset.com				State of Origin: Wisconsin		Page: Page 2 of 2	
Company: TestAmerica Laboratories, Inc.				Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Accreditations Required (See note): State - Wisconsin				Job #: 500-198518-1				Preservation Codes:			
Due Date Requested: 5/16/2021				TAT Requested (days):		Analysis Requested				Preservation Codes:				Other:			
PO #:				WO #:		Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MS/MSD (Yes or No) <input type="checkbox"/> PFC IDA, WI/Shake_Bath_28D PFAS, Standard List (33 analytes) <input type="checkbox"/> PFC IDA, WI/3635_PFC_28D PFAS, Standard List (33 analytes) <input type="checkbox"/>				A - HCL				M - Hexane			
Project Name: Former Mirro Plant No 9 - 1690019647				Project #: 50018382						B - NaOH				N - None			
Site:				SSOW#:						C - Zn Acetate				O - AsNaO2			
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Al)					Total Number of containers				Special Instructions/Note:	
SB-202 (2-3) (500-198518-11)				4/28/21	14:10 Central	Solid	Solid										
SB-202 (6-7) (500-198518-12)				4/28/21	14:15 Central	Solid	Solid					1					
FB-02-210428 (500-198518-16)				4/28/21	15:40 Central	Water	Water					2					
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																	
Possible Hazard Identification								Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed								<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)				Primary Deliverable Rank: 2				Special Instructions/QC Requirements:									
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:									
Relinquished by: <i>[Signature]</i>				Date/Time: 5/3/21 1500		Company: ETA		Received by: <i>[Signature]</i>				Date/Time: 5-5-21 / 10:15		Company: ETASAC			
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.: 1443835, 1443949, 1443948				Cooler Temperature(s) °C and Other Remarks: 5.0, 2.1									

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5/17/2021





Place Field Sheet Label Here

Tracking #: 1893 4451 7703

Job: _____

SC/PC/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: (+/-) N/A °C

Ice Wet Gel _____ Other _____

Cooler Custody Seal: 1443949, 1443948

Cooler ID: 2 of 2

Temp Observed: 2.1 °C Corrected: 2.1 °C
From: Temp Blank Sample

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

Initials: NC Date: 5-5-21

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 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 type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-5-21

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-5-21

WR3 108

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-198518-1

Login Number: 198518

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Hernandez, Stephanie

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	
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	3.4,4.6,2.6
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 <math><6\text{mm}</math> (1/4").	N/A	
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: 500-198518-1

Login Number: 198518

List Number: 2

Creator: Cahill, Nicholas P

List Source: Eurofins TestAmerica, Sacramento

List Creation: 05/05/21 03:20 PM

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	1443835, 1443949, 1443948
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	5.0c, 2.1c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing
TestAmerica

Sacramento
Sample Receiving Notes



500-198518 Field Sheet

Tracking #: 1893 4451 7699

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: (+/-) N/A °C

Ice Wet Gel _____ Other _____

Cooler Custody Seal: 1443835

Cooler ID: 1 of 2

Temp Observed: 5.0 °C Corrected: 5.0 °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: NC Date: 5-5-21

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 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 type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-5-21

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-5-21

WR3 JOB

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-198518-2	SB-214 (2-3)	101	104	99	100	105	105	103	105
500-198518-3	SB-214 (7-8)	100	99	100	101	105	102	103	111
500-198518-4	SB-214 (10-11)	96	102	99	104	104	106	102	106
500-198518-6	SB-201 (3-4)	96	102	96	100	99	93	87	94
500-198518-7	DUP-01-210428	100	99	97	101	98	96	94	94
500-198518-8	SB-201 (5-6)	100	101	95	106	100	104	91	100
500-198518-9	SB-203 (2-3)	99	101	90	96	98	95	83	92
500-198518-10	SB-203 (6-7)	102	99	94	106	108	102	100	106
500-198518-11	SB-202 (2-3)	98	106	99	105	104	107	96	114
500-198518-12	SB-202 (6-7)	91	101	95	102	95	92	88	96
500-198518-12 MS	SB-202 (6-7)	98	100	102	107	109	110	100	108
500-198518-12 MSD	SB-202 (6-7)	94	101	96	103	104	104	94	100
LCS 320-486610/2-A	Lab Control Sample	99	107	99	108	103	108	101	109
MB 320-486610/1-A	Method Blank	96	104	96	105	104	108	98	110

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198518-2	SB-214 (2-3)	103	102	89	95	94	107	108	113
500-198518-3	SB-214 (7-8)	102	87	94	95	93	104	106	108
500-198518-4	SB-214 (10-11)	96	92	95	101	96	106	103	117
500-198518-6	SB-201 (3-4)	96	81	76	77	76	89	94	103
500-198518-7	DUP-01-210428	91	76	86	86	79	92	91	94
500-198518-8	SB-201 (5-6)	98	83	85	86	79	97	99	110
500-198518-9	SB-203 (2-3)	98	79	81	80	79	93	98	107
500-198518-10	SB-203 (6-7)	93	94	92	99	93	103	112	107
500-198518-11	SB-202 (2-3)	108	90	98	104	102	110	113	119
500-198518-12	SB-202 (6-7)	88	84	74	81	79	88	103	102
500-198518-12 MS	SB-202 (6-7)	90	92	94	98	98	107	113	109
500-198518-12 MSD	SB-202 (6-7)	95	88	83	89	88	100	102	101
LCS 320-486610/2-A	Lab Control Sample	107	94	100	106	108	108	104	112
MB 320-486610/1-A	Method Blank	100	99	94	103	106	111	112	119

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198518-2	SB-214 (2-3)	91	89	94	100	152 *5+	164 *5+	156 *5+	92
500-198518-3	SB-214 (7-8)	78	75	92	98	134	146	144	91
500-198518-4	SB-214 (10-11)	77	75	90	100	137	119	124	91
500-198518-6	SB-201 (3-4)	67	63	94	91	131	108	106	91
500-198518-7	DUP-01-210428	72	68	83	90	133	132	116	93
500-198518-8	SB-201 (5-6)	73	72	96	94	121	116	112	90
500-198518-9	SB-203 (2-3)	70	66	84	89	114	114	110	91
500-198518-10	SB-203 (6-7)	78	74	99	97	132	125	124	95
500-198518-11	SB-202 (2-3)	79	75	99	99	120	116	124	94
500-198518-12	SB-202 (6-7)	73	68	91	88	129	116	113	91
500-198518-12 MS	SB-202 (6-7)	82	76	96	97	136	117	118	93
500-198518-12 MSD	SB-202 (6-7)	78	76	100	101	123	101	103	90
LCS 320-486610/2-A	Lab Control Sample	71	68	97	98	134	127	126	92
MB 320-486610/1-A	Method Blank	67	64	95	99	132	128	130	95

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-198518-2	SB-214 (2-3)	131
500-198518-3	SB-214 (7-8)	131
500-198518-4	SB-214 (10-11)	123
500-198518-6	SB-201 (3-4)	103
500-198518-7	DUP-01-210428	107
500-198518-8	SB-201 (5-6)	107
500-198518-9	SB-203 (2-3)	102
500-198518-10	SB-203 (6-7)	120
500-198518-11	SB-202 (2-3)	123
500-198518-12	SB-202 (6-7)	105
500-198518-12 MS	SB-202 (6-7)	106
500-198518-12 MSD	SB-202 (6-7)	104
LCS 320-486610/2-A	Lab Control Sample	121
MB 320-486610/1-A	Method Blank	126

Surrogate Legend

PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 PFHxA = 13C2 PFHxA
 C4PFHA = 13C4 PFHxA
 PFOA = 13C4 PFOA
 PFNA = 13C5 PFNA
 PFDA = 13C2 PFDA
 PFUnA = 13C2 PFUnA
 PFDaA = 13C2 PFDaA
 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

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

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)
500-198518-5	FB-01-210427	102	105	104	100	96	111	104	104
500-198518-16	FB-02-210428	111	109	95	113	96	106	97	96
LCS 320-486403/2-A	Lab Control Sample	102	102	101	103	101	104	94	102

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198518-1

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	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
LCSD 320-486403/3-A	Lab Control Sample Dup	104	103	99	102	99	105	100	97
MB 320-486403/1-A	Method Blank	109	103	98	111	102	108	106	95

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198518-5	FB-01-210427	105	99	94	101	97	99	96	100
500-198518-16	FB-02-210428	93	94	95	101	102	105	93	96
LCS 320-486403/2-A	Lab Control Sample	100	96	93	95	97	100	91	94
LCSD 320-486403/3-A	Lab Control Sample Dup	97	93	92	98	103	102	93	99
MB 320-486403/1-A	Method Blank	108	99	94	103	108	99	98	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198518-5	FB-01-210427	87	91	102	99	142	137	135	96
500-198518-16	FB-02-210428	80	86	91	94	102	110	113	95
LCS 320-486403/2-A	Lab Control Sample	89	97	86	89	103	113	113	98
LCSD 320-486403/3-A	Lab Control Sample Dup	82	80	88	92	104	112	113	102
MB 320-486403/1-A	Method Blank	81	92	96	94	108	109	125	100

		M102FTS (25-150)
500-198518-5	FB-01-210427	134
500-198518-16	FB-02-210428	116
LCS 320-486403/2-A	Lab Control Sample	107
LCSD 320-486403/3-A	Lab Control Sample Dup	109
MB 320-486403/1-A	Method Blank	125

Surrogate Legend

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

Isotope Dilution Summary

Client: Ramboll US Corporation

Project/Site: Former Mirro Plant No 9 - 1690019647

M282FTS = M2-8:2 FTS

HFPODA = 13C3 HFPO-DA

M102FTS = 13C2 10:2 FTS

Job ID: 500-198518-1

- 1
- 2
- 3
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- 17

ANALYTICAL REPORT

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

Laboratory Job ID: 500-198702-1

Client Project/Site: Former Mirro Plant No 9 - 1690019647

For:

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

Attn: Liz Borucki



Authorized for release by:
5/20/2021 8:40:50 AM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

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.



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Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Job ID: 500-198702-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-198702-1

Comments

No additional comments.

Receipt

The samples were received on 5/6/2021 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.1° C, 3.3° C, 3.7° C, 3.8° C and 4.2° C.

Receipt Exceptions

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC). Sample 38. Added to COC and logged in.

GC/MS VOA

Methods 624, 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-213 (12-13) (500-198702-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The laboratory control sample (LCS) for 598842 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported. SB-233 (2-3) (500-198702-12) and SB-233 (6-7) (500-198702-13)

Method 8260B: The laboratory control sample (LCS) for 599078 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported. SB-233 (8-9) (500-198702-14), SB-219 (2-3) (500-198702-15), SB-219 (5.5-6.5) (500-198702-16), SB-219 (9-10) (500-198702-17), SB-209 (0.5-1.75) (500-198702-18), SB-209 (6-7) (500-198702-19), SB-205 (1-2) (500-198702-20), SB-205 (7-8) (500-198702-21), TB-04-210505 (500-198702-22), TB-05-210505 (500-198702-23), TB-06-210505 (500-198702-24), TB-07-210505 (500-198702-25), TB-08-210505 (500-198702-26), SB-207 (3-4) (500-198702-27), SB-207 (7-8) (500-198702-28) and SB-212 (1-2) (500-198702-29)

Method 8260B: The laboratory control sample (LCS) for 597326 recovered outside control limits for Bromomethane and Chloroethane. This is a prepped 5035 LCS. The daily LCS was acceptable for these compounds, and the data have been reported. SB-233 (2-3) (500-198702-12), SB-233 (8-9) (500-198702-14), SB-219 (2-3) (500-198702-15), SB-219 (5.5-6.5) (500-198702-16), SB-219 (9-10) (500-198702-17), SB-209 (0.5-1.75) (500-198702-18), SB-209 (0.5-1.75) (500-198702-18[MS]), SB-209 (0.5-1.75) (500-198702-18[MSD]), SB-209 (6-7) (500-198702-19), SB-205 (1-2) (500-198702-20), SB-205 (7-8) (500-198702-21), TB-04-210505 (500-198702-22), TB-05-210505 (500-198702-23), TB-06-210505 (500-198702-24), TB-07-210505 (500-198702-25), TB-08-210505 (500-198702-26), SB-207 (3-4) (500-198702-27), SB-207 (7-8) (500-198702-28) and SB-212 (1-2) (500-198702-29)

Method 8260B: The laboratory control sample (LCS) for 597327 recovered outside control limits for Chloroethane. This is a prepped 5035 LCS. The daily instrument LCS was acceptable for the compound, and the data have been reported. SB-212 (6-7) (500-198702-30), DUP-07-210505 (500-198702-31), SB-212 (8-9) (500-198702-32), SB-234 (0.5-1.5) (500-198702-33), SB-234 (8-9) (500-198702-34), SB-208 (3-4) (500-198702-35), SB-208 (8-9) (500-198702-36) and DUP-06-210505 (500-198702-37)

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

GC/MS Semi VOA

Method 8270D: The following samples contained one base surrogate outside acceptance limits: DUP-05-210503 (500-198702-11) and SB-233 (2-3) (500-198702-12). The laboratory's SOP allows one base surrogate to be outside acceptance limits; therefore, re-extraction was not performed. These results have been reported and qualified.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: SB-213 (11-12) (500-198702-2), SB-213 (12-13) (500-198702-3) and DUP-07-210505 (500-198702-31). Elevated reporting limits (RLs) are provided.

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

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Job ID: 500-198702-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

GC Semi VOA

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: SB-213 (1-2) (500-198702-1), SB-213 (1-2) (500-198702-1[MS]), SB-213 (1-2) (500-198702-1[MSD]), SB-213 (11-12) (500-198702-2), SB-213 (12-13) (500-198702-3), SB-222 (2-4) (500-198702-4), SB-222 (2-4) (500-198702-4[MS]), SB-222 (2-4) (500-198702-4[MSD]), SB-222 (7-8) (500-198702-5), SB-222 (11-12) (500-198702-6), SB-221 (16-17) (500-198702-7), SB-220 (11-12) (500-198702-9), SB-206 (3-4) (500-198702-10), DUP-05-210503 (500-198702-11), SB-233 (2-3) (500-198702-12), SB-233 (6-7) (500-198702-13), SB-233 (8-9) (500-198702-14), SB-219 (2-3) (500-198702-15), SB-219 (5.5-6.5) (500-198702-16), SB-219 (9-10) (500-198702-17), SB-209 (6-7) (500-198702-19), SB-205 (1-2) (500-198702-20) and (CCVIS 500-599002/1). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: Surrogate recovery for the following sample was outside the upper control limit: SB-233 (2-3) (500-198702-12). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Surrogate DCB Decachlorobiphenyl recovery for the following Continuing Calibration Verification (CCVIS) was outside control limits: DUP-06-210505 (500-198702-37) and (CCVIS 500-599209/1). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: Surrogate Tetrachloro-m-xylene recovery for the following sample was outside control limits: SB-212 (1-2) (500-198702-29). The other surrogate was within limits; therefore, re-analysis was not performed.

Method 8082A: The matrix spike duplicate (MSD) recoveries for preparation batch 500-599012 and analytical batch 500-599260 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8082A: The following sample required a dilution due to the nature of the sample matrix: SB-212 (8-9) (500-198702-32). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082A: The following sample was reported from the primary column due to Laboratory control sample (LCS) recovering outside control limits for PCB-1016 and PCB-1260 on the secondary column. The LCS was within control limits on the primary column, therefore, the higher of the two results have been reported. SB-212 (8-9) (500-198702-32) and (LCS 500-599012/2-A)

Method 8082A: The following samples contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1260: SB-212 (8-9) (500-198702-32).

No additional analytical or quality issues were noted, other than those described above or 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 matrix spike duplicate (MSD) recovery for preparation batch 320-487621 and analytical batch 320-488055 was outside control limits for 4,8-Dioxa-3H-perfluorononanoic acid (DONA). Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analytes were outside of the established ratio limit. The qualitative identification of the analytes have some degree of uncertainty, and the reported values may have some high bias. However, analyst judgment was used to positively identify the analytes: SB-219 (2-3) (500-198702-15), SB-212 (1-2) (500-198702-29) and DUP-07-210505 (500-198702-31).

Method 537 (modified): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-487940 and analytical batch 320-488356 were outside control limits for DONA. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for M2-4:2 FTS the following

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Job ID: 500-198702-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

sample: SB-212 (8-9) (500-198702-32). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The sample was re-analyzed with concurring results, therefore, the original data was reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for several analytes in the following samples: SB-212 (1-2) (500-198702-29) and DUP-07-210505 (500-198702-31). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results; therefore, the data have been reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for M2-4:2 FTS and M2-6:2 FTS in the following sample: SB-219 (9-10) (500-198702-17). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The sample was re-analyzed with concurring results; therefore, the data have been reported.

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 value may have some high bias. However, analyst judgment was used to positively identify the analyte: (CCVL 320-490404/2).

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

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-487829. Method: 3535 PFC-W Matrix: Aqueous

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 Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	8.6	J	38	6.3	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	41		38	5.1	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	37	J	38	7.3	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	48		38	8.1	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	31	J F1	38	12	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	11	J	38	11	ug/Kg	1	✳	8270D	Total/NA
Chrysene	39		38	10	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	65	F1	38	7.0	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	23	J	38	9.8	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	37	J F1	38	5.3	ug/Kg	1	✳	8270D	Total/NA
Pyrene	79		38	7.5	ug/Kg	1	✳	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.23	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	6700		21	8.7	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.1		1.1	0.36	mg/Kg	1	✳	6010B	Total/NA
Barium	31		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.077	J B	0.21	0.038	mg/Kg	1	✳	6010B	Total/NA
Chromium	12		1.1	0.53	mg/Kg	1	✳	6010B	Total/NA
Copper	6.9		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA
Iron	12000		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	4.3		0.53	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	420		1.1	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	11		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Silver	0.20	J	0.53	0.14	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.95	J	1.1	0.53	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.022	F1 F2	0.018	0.0061	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	40	J	60	23	ug/Kg	50	✳	8260B	Total/NA
Naphthalene	360		60	20	ug/Kg	50	✳	8260B	Total/NA
p-Isopropyltoluene	290		60	22	ug/Kg	50	✳	8260B	Total/NA
sec-Butylbenzene	230		60	24	ug/Kg	50	✳	8260B	Total/NA
tert-Butylbenzene	160		60	24	ug/Kg	50	✳	8260B	Total/NA
1,2,4-Trimethylbenzene	3200		60	21	ug/Kg	50	✳	8260B	Total/NA
1,3,5-Trimethylbenzene	1900		60	23	ug/Kg	50	✳	8260B	Total/NA
Xylenes, Total	81		30	13	ug/Kg	50	✳	8260B	Total/NA
Perfluorobutanoic acid (PFBA)	0.30		0.21	0.030	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	2100		21	8.8	mg/Kg	1	✳	6010B	Total/NA
Arsenic	3.4		1.1	0.37	mg/Kg	1	✳	6010B	Total/NA
Barium	9.9		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Chromium	7.0		1.1	0.53	mg/Kg	1	✳	6010B	Total/NA
Copper	7.8		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA
Iron	9200		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	1.6		0.54	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	200		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	8.0		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.64	J	1.1	0.53	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1300		20	14	ug/Kg	50	✳	8260B	Total/NA
Isopropylbenzene	3100		78	30	ug/Kg	50	✳	8260B	Total/NA
Naphthalene	1900		78	26	ug/Kg	50	✳	8260B	Total/NA
n-Butylbenzene	9800		78	30	ug/Kg	50	✳	8260B	Total/NA
N-Propylbenzene	6600		78	32	ug/Kg	50	✳	8260B	Total/NA
p-Isopropyltoluene	7600		78	28	ug/Kg	50	✳	8260B	Total/NA
sec-Butylbenzene	5400		78	31	ug/Kg	50	✳	8260B	Total/NA
tert-Butylbenzene	1300		78	31	ug/Kg	50	✳	8260B	Total/NA
Xylenes, Total	6000		39	17	ug/Kg	50	✳	8260B	Total/NA
1,2,4-Trimethylbenzene - DL	57000		780	280	ug/Kg	500	✳	8260B	Total/NA
1,3,5-Trimethylbenzene - DL	21000		780	300	ug/Kg	500	✳	8260B	Total/NA
1-Methylnaphthalene	520	J	850	100	ug/Kg	10	✳	8270D	Total/NA
2-Methylnaphthalene	280	J	850	77	ug/Kg	10	✳	8270D	Total/NA
Naphthalene	890		420	65	ug/Kg	10	✳	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	0.22	J	0.23	0.099	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3700		23	9.2	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.77	J	1.1	0.39	mg/Kg	1	✳	6010B	Total/NA
Barium	12		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.057	J B	0.23	0.041	mg/Kg	1	✳	6010B	Total/NA
Chromium	8.0		1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Copper	8.7		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Iron	5700		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	2.2		0.56	0.26	mg/Kg	1	✳	6010B	Total/NA
Manganese	130		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.9		1.1	0.33	mg/Kg	1	✳	6010B	Total/NA

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	11	J	39	5.2	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	10	J	39	7.5	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	15	J	39	8.4	ug/Kg	1	✳	8270D	Total/NA
Chrysene	11	J	39	11	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	14	J	39	7.2	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	32	J	79	9.5	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	10	J	39	5.4	ug/Kg	1	✳	8270D	Total/NA
Pyrene	15	J	39	7.7	ug/Kg	1	✳	8270D	Total/NA
Aluminum	11000		22	8.9	mg/Kg	1	✳	6010B	Total/NA
Antimony	0.46	J F1	2.2	0.42	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.9		1.1	0.37	mg/Kg	1	✳	6010B	Total/NA
Barium	48		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.14	J	0.22	0.039	mg/Kg	1	✳	6010B	Total/NA
Chromium	17		1.1	0.54	mg/Kg	1	✳	6010B	Total/NA
Copper	16		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA
Iron	14000	B F2	22	11	mg/Kg	1	✳	6010B	Total/NA
Lead	68	F2	0.54	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	360		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	16		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Silver	0.22	J	0.54	0.14	mg/Kg	1	✳	6010B	Total/NA
Thallium	1.0	J	1.1	0.54	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.12	F1	0.018	0.0061	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (7-8)

Lab Sample ID: 500-198702-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3200		20	8.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.95	J	1.0	0.34	mg/Kg	1	☼	6010B	Total/NA
Barium	9.2		1.0	0.11	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.038	J	0.20	0.036	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.9		1.0	0.50	mg/Kg	1	☼	6010B	Total/NA
Copper	8.7		1.0	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	6300	B	20	10	mg/Kg	1	☼	6010B	Total/NA
Lead	2.1		0.50	0.23	mg/Kg	1	☼	6010B	Total/NA
Manganese	130		1.0	0.15	mg/Kg	1	☼	6010B	Total/NA
Nickel	7.9		1.0	0.29	mg/Kg	1	☼	6010B	Total/NA
Silver	0.16	J	0.50	0.13	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-222 (11-12)

Lab Sample ID: 500-198702-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6400		24	9.8	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.5		1.2	0.41	mg/Kg	1	☼	6010B	Total/NA
Barium	23		1.2	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.068	J	0.24	0.043	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.5		1.2	0.59	mg/Kg	1	☼	6010B	Total/NA
Copper	14		1.2	0.34	mg/Kg	1	☼	6010B	Total/NA
Iron	9000	B	24	12	mg/Kg	1	☼	6010B	Total/NA
Lead	3.4		0.60	0.28	mg/Kg	1	☼	6010B	Total/NA
Manganese	210		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Nickel	12		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Silver	0.18	J	0.60	0.15	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0092	J	0.020	0.0066	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-221 (16-17)

Lab Sample ID: 500-198702-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	9.8	J	41	5.6	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	11	J	41	7.7	ug/Kg	1	☼	8270D	Total/NA
Fluorene	12	J	41	5.8	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	16	J	41	5.8	ug/Kg	1	☼	8270D	Total/NA
Pyrene	12	J	41	8.2	ug/Kg	1	☼	8270D	Total/NA
Perfluorohexanoic acid (PFHxA)	0.076	J	0.23	0.048	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.099	J	0.23	0.033	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.6		0.23	0.097	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	3500		22	9.0	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.55	J	1.1	0.38	mg/Kg	1	☼	6010B	Total/NA
Barium	9.7		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.083	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.5		1.1	0.54	mg/Kg	1	☼	6010B	Total/NA
Copper	12		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Iron	4900	B	22	11	mg/Kg	1	☼	6010B	Total/NA
Lead	2.3		0.55	0.25	mg/Kg	1	☼	6010B	Total/NA
Manganese	120		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	7.1		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.70	J	1.1	0.55	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: FB-03-210503

Lab Sample ID: 500-198702-8

No Detections.

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	37	J	40	7.3	ug/Kg	1	✳	8270D	Total/NA
Acenaphthylene	12	J	40	5.3	ug/Kg	1	✳	8270D	Total/NA
Anthracene	21	J	40	6.7	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	74		40	5.4	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	61		40	7.8	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	67		40	8.7	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	51		40	13	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	39	J	40	12	ug/Kg	1	✳	8270D	Total/NA
Chrysene	78		40	11	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	160		40	7.5	ug/Kg	1	✳	8270D	Total/NA
Fluorene	16	J	40	5.7	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	36	J	40	10	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	41	J	81	9.9	ug/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	13	J	81	7.4	ug/Kg	1	✳	8270D	Total/NA
Naphthalene	7.4	J	40	6.2	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	140		40	5.6	ug/Kg	1	✳	8270D	Total/NA
Pyrene	170		40	8.0	ug/Kg	1	✳	8270D	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.077	J	0.24	0.034	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.3		0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	6400		22	9.2	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.5		1.1	0.38	mg/Kg	1	✳	6010B	Total/NA
Barium	57		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.073	J	0.22	0.040	mg/Kg	1	✳	6010B	Total/NA
Chromium	10		1.1	0.55	mg/Kg	1	✳	6010B	Total/NA
Copper	15		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Iron	8600	B	22	12	mg/Kg	1	✳	6010B	Total/NA
Lead	64		0.56	0.26	mg/Kg	1	✳	6010B	Total/NA
Manganese	160		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	10		1.1	0.33	mg/Kg	1	✳	6010B	Total/NA
Silver	0.16	J	0.56	0.14	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.060		0.020	0.0066	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.96		0.23	0.099	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	9700		22	9.2	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.4		1.1	0.38	mg/Kg	1	✳	6010B	Total/NA
Barium	37		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.067	J	0.22	0.040	mg/Kg	1	✳	6010B	Total/NA
Chromium	17		1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Copper	16		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Iron	13000	B	22	12	mg/Kg	1	✳	6010B	Total/NA
Lead	5.6		0.56	0.26	mg/Kg	1	✳	6010B	Total/NA
Manganese	290		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	16		1.1	0.33	mg/Kg	1	✳	6010B	Total/NA
Silver	0.18	J	0.56	0.14	mg/Kg	1	✳	6010B	Total/NA
Thallium	1.0	J	1.1	0.56	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-206 (3-4) (Continued)

Lab Sample ID: 500-198702-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.025		0.019	0.0064	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.61		0.22	0.093	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	10000		22	8.9	mg/Kg	1	☒	6010B	Total/NA
Arsenic	2.7		1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	40		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.043	J	0.22	0.039	mg/Kg	1	☒	6010B	Total/NA
Chromium	18		1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Copper	17		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA
Iron	14000	B	22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	5.5		0.54	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	290		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	17		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Silver	0.27	J	0.54	0.14	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.91	J	1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.042		0.019	0.0064	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.62		0.23	0.10	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	10000		20	8.3	mg/Kg	1	☒	6010B	Total/NA
Arsenic	3.8		1.0	0.35	mg/Kg	1	☒	6010B	Total/NA
Barium	40		1.0	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.082	J	0.20	0.037	mg/Kg	1	☒	6010B	Total/NA
Chromium	17		1.0	0.51	mg/Kg	1	☒	6010B	Total/NA
Copper	27		1.0	0.29	mg/Kg	1	☒	6010B	Total/NA
Iron	17000	B	20	11	mg/Kg	1	☒	6010B	Total/NA
Lead	6.4		0.51	0.24	mg/Kg	1	☒	6010B	Total/NA
Manganese	380		1.0	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	24		1.0	0.30	mg/Kg	1	☒	6010B	Total/NA
Silver	0.28	J	0.51	0.13	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.93	J	1.0	0.51	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.017		0.017	0.0058	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.14	J	0.21	0.092	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	6200		23	9.3	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.9		1.1	0.39	mg/Kg	1	☒	6010B	Total/NA
Barium	23		1.1	0.13	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.076	J	0.23	0.041	mg/Kg	1	☒	6010B	Total/NA
Chromium	13		1.1	0.56	mg/Kg	1	☒	6010B	Total/NA
Copper	14		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Iron	10000	B	23	12	mg/Kg	1	☒	6010B	Total/NA
Lead	3.6		0.57	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	240		1.1	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	13		1.1	0.33	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7) (Continued)

Lab Sample ID: 500-198702-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.58	J	1.1	0.57	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.010	J	0.019	0.0064	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.54		0.23	0.099	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	4100		25	10	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.1	J	1.2	0.43	mg/Kg	1	☼	6010B	Total/NA
Barium	14		1.2	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.13	J	0.25	0.045	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.4		1.2	0.62	mg/Kg	1	☼	6010B	Total/NA
Copper	14		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Iron	5500	B	25	13	mg/Kg	1	☼	6010B	Total/NA
Lead	2.2		0.62	0.29	mg/Kg	1	☼	6010B	Total/NA
Manganese	130		1.2	0.18	mg/Kg	1	☼	6010B	Total/NA
Nickel	9.5		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.97	J	1.2	0.62	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0066	J	0.019	0.0063	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.036	J I	0.23	0.033	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		0.23	0.098	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.045	J	0.23	0.032	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.051	J	0.23	0.047	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.068	J	0.23	0.033	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.4		0.23	0.097	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.36		0.25	0.11	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	39		38	13	ug/Kg	50	☼	8260B	Total/NA
Acenaphthene	8.9	J	42	7.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	12	J	42	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	34	J	42	5.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	28	J	42	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	42		42	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	16	J	42	12	ug/Kg	1	☼	8270D	Total/NA
Chrysene	36	J	42	12	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	69		42	7.8	ug/Kg	1	☼	8270D	Total/NA
Fluorene	8.0	J	42	5.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	12	J F1	42	11	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (0.5-1.75) (Continued)

Lab Sample ID: 500-198702-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	26	J	85	10	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	28	J	85	7.8	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	29	J	42	6.5	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	68		42	5.9	ug/Kg	1	☒	8270D	Total/NA
Pyrene	56		42	8.4	ug/Kg	1	☒	8270D	Total/NA
Aluminum	3300	V	24	9.9	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.2		1.2	0.41	mg/Kg	1	☒	6010B	Total/NA
Barium	16	V	1.2	0.14	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.15	J	0.24	0.044	mg/Kg	1	☒	6010B	Total/NA
Chromium	7.5		1.2	0.60	mg/Kg	1	☒	6010B	Total/NA
Copper	16		1.2	0.34	mg/Kg	1	☒	6010B	Total/NA
Iron	8600	V	24	13	mg/Kg	1	☒	6010B	Total/NA
Lead	18	V	0.60	0.28	mg/Kg	1	☒	6010B	Total/NA
Manganese	160	V	1.2	0.18	mg/Kg	1	☒	6010B	Total/NA
Nickel	7.6		1.2	0.35	mg/Kg	1	☒	6010B	Total/NA
Silver	0.24	J	0.60	0.16	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.019		0.019	0.0065	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	32	J	38	13	ug/Kg	50	☒	8260B	Total/NA
Aluminum	4200		25	10	mg/Kg	1	☒	6010B	Total/NA
Barium	13		1.3	0.14	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.10	J	0.25	0.045	mg/Kg	1	☒	6010B	Total/NA
Chromium	7.3		1.3	0.62	mg/Kg	1	☒	6010B	Total/NA
Copper	6.4		1.3	0.35	mg/Kg	1	☒	6010B	Total/NA
Iron	5300		25	13	mg/Kg	1	☒	6010B	Total/NA
Lead	2.1		0.63	0.29	mg/Kg	1	☒	6010B	Total/NA
Manganese	130		1.3	0.18	mg/Kg	1	☒	6010B	Total/NA
Nickel	8.2		1.3	0.37	mg/Kg	1	☒	6010B	Total/NA
Silver	0.20	J	0.63	0.16	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.72	J	1.3	0.63	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	38	J	70	26	ug/Kg	50	☒	8260B	Total/NA
Chloroform	170		140	26	ug/Kg	50	☒	8260B	Total/NA
Ethylbenzene	130		17	13	ug/Kg	50	☒	8260B	Total/NA
Isopropylbenzene	110		70	27	ug/Kg	50	☒	8260B	Total/NA
Naphthalene	1100		70	23	ug/Kg	50	☒	8260B	Total/NA
n-Butylbenzene	81		70	27	ug/Kg	50	☒	8260B	Total/NA
N-Propylbenzene	190		70	29	ug/Kg	50	☒	8260B	Total/NA
p-Isopropyltoluene	47	J	70	25	ug/Kg	50	☒	8260B	Total/NA
sec-Butylbenzene	57	J	70	28	ug/Kg	50	☒	8260B	Total/NA
Toluene	140		17	10	ug/Kg	50	☒	8260B	Total/NA
Trichloroethene	49		35	11	ug/Kg	50	☒	8260B	Total/NA
1,2,4-Trimethylbenzene	530		70	25	ug/Kg	50	☒	8260B	Total/NA
1,3,5-Trimethylbenzene	110		70	26	ug/Kg	50	☒	8260B	Total/NA
Xylenes, Total	1300		35	15	ug/Kg	50	☒	8260B	Total/NA
Benzo[a]anthracene	6.2	J	37	5.0	ug/Kg	1	☒	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (1-2) (Continued)

Lab Sample ID: 500-198702-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	11	J	37	10	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	7.1	J	37	6.8	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	30	J	74	9.0	ug/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	32	J	74	6.8	ug/Kg	1	✳	8270D	Total/NA
Naphthalene	20	J	37	5.7	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	28	J	37	5.1	ug/Kg	1	✳	8270D	Total/NA
Aluminum	4200		22	8.8	mg/Kg	1	✳	6010B	Total/NA
Arsenic	1.4		1.1	0.37	mg/Kg	1	✳	6010B	Total/NA
Barium	25		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.16	J	0.22	0.039	mg/Kg	1	✳	6010B	Total/NA
Chromium	6.4		1.1	0.53	mg/Kg	1	✳	6010B	Total/NA
Copper	8.9		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA
Iron	8800		22	11	mg/Kg	1	✳	6010B	Total/NA
Lead	6.1		0.54	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	150		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.6		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Silver	0.17	J	0.54	0.14	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.54	J	1.1	0.54	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.042		0.018	0.0059	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	32	J	82	28	ug/Kg	50	✳	8260B	Total/NA
Aluminum	4400		24	9.9	mg/Kg	1	✳	6010B	Total/NA
Barium	13		1.2	0.14	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.11	J	0.24	0.044	mg/Kg	1	✳	6010B	Total/NA
Chromium	8.0		1.2	0.60	mg/Kg	1	✳	6010B	Total/NA
Copper	11		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Iron	5700		24	13	mg/Kg	1	✳	6010B	Total/NA
Lead	2.3		0.61	0.28	mg/Kg	1	✳	6010B	Total/NA
Manganese	160		1.2	0.18	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.3		1.2	0.35	mg/Kg	1	✳	6010B	Total/NA
Silver	0.27	J	0.61	0.16	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0087	J	0.020	0.0067	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: TB-04-210505

Lab Sample ID: 500-198702-22

No Detections.

Client Sample ID: TB-05-210505

Lab Sample ID: 500-198702-23

No Detections.

Client Sample ID: TB-06-210505

Lab Sample ID: 500-198702-24

No Detections.

Client Sample ID: TB-07-210505

Lab Sample ID: 500-198702-25

No Detections.

Client Sample ID: TB-08-210505

Lab Sample ID: 500-198702-26

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	9.8	J	38	5.2	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	11	J	38	7.5	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	18	J	38	8.3	ug/Kg	1	✳	8270D	Total/NA
Chrysene	14	J	38	11	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	16	J	38	7.2	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	13	J	78	9.4	ug/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	12	J	78	7.1	ug/Kg	1	✳	8270D	Total/NA
Naphthalene	7.3	J	38	5.9	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	15	J	38	5.4	ug/Kg	1	✳	8270D	Total/NA
Pyrene	13	J	38	7.7	ug/Kg	1	✳	8270D	Total/NA
Aluminum	5500		22	8.9	mg/Kg	1	✳	6010B	Total/NA
Arsenic	1.3		1.1	0.37	mg/Kg	1	✳	6010B	Total/NA
Barium	20		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.088	J	0.22	0.039	mg/Kg	1	✳	6010B	Total/NA
Chromium	9.8		1.1	0.54	mg/Kg	1	✳	6010B	Total/NA
Copper	10		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Iron	9900		22	11	mg/Kg	1	✳	6010B	Total/NA
Lead	5.7		0.55	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	210		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	10		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Silver	0.29	J	0.55	0.14	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.58	J	1.1	0.55	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.013	J	0.018	0.0061	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4800		25	10	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.82	J	1.2	0.42	mg/Kg	1	✳	6010B	Total/NA
Barium	16		1.2	0.14	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.089	J	0.25	0.044	mg/Kg	1	✳	6010B	Total/NA
Chromium	9.4		1.2	0.61	mg/Kg	1	✳	6010B	Total/NA
Copper	10		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Iron	6600		25	13	mg/Kg	1	✳	6010B	Total/NA
Lead	2.4		0.62	0.28	mg/Kg	1	✳	6010B	Total/NA
Manganese	150		1.2	0.18	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.8		1.2	0.36	mg/Kg	1	✳	6010B	Total/NA
Silver	0.20	J	0.62	0.16	mg/Kg	1	✳	6010B	Total/NA

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	45		42	7.5	ug/Kg	1	✳	8270D	Total/NA
Acenaphthylene	9.7	J	42	5.5	ug/Kg	1	✳	8270D	Total/NA
Anthracene	95		42	7.0	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	310		42	5.6	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	410		42	8.1	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	460		42	9.0	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	170		42	13	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	190		42	12	ug/Kg	1	✳	8270D	Total/NA
Chrysene	280		42	11	ug/Kg	1	✳	8270D	Total/NA
Dibenz(a,h)anthracene	52		42	8.1	ug/Kg	1	✳	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2) (Continued)

Lab Sample ID: 500-198702-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	400		42	7.7	ug/Kg	1	☒	8270D	Total/NA
Fluorene	21	J	42	5.9	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	170		42	11	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	31	J	84	10	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	37	J	84	7.7	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	33	J	42	6.4	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	270		42	5.8	ug/Kg	1	☒	8270D	Total/NA
Pyrene	350		42	8.3	ug/Kg	1	☒	8270D	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.17	J I	0.25	0.037	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.9		0.25	0.11	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	4200		23	9.2	mg/Kg	1	☒	6010B	Total/NA
Arsenic	0.48	J	1.1	0.39	mg/Kg	1	☒	6010B	Total/NA
Barium	12		1.1	0.13	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.11	J	0.23	0.041	mg/Kg	1	☒	6010B	Total/NA
Chromium	6.5		1.1	0.56	mg/Kg	1	☒	6010B	Total/NA
Copper	16		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Iron	7100		23	12	mg/Kg	1	☒	6010B	Total/NA
Lead	2.8		0.56	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	230		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	8.8		1.1	0.33	mg/Kg	1	☒	6010B	Total/NA
Silver	0.22	J	0.56	0.15	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.80	J	1.1	0.56	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	7.5	J	38	6.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	22	J	38	5.1	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	30	J	38	7.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	28	J	38	8.2	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	14	J	38	11	ug/Kg	1	☒	8270D	Total/NA
Chrysene	20	J	38	10	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	24	J	38	7.1	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	18	J	38	5.3	ug/Kg	1	☒	8270D	Total/NA
Pyrene	22	J	38	7.6	ug/Kg	1	☒	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	7.3		0.21	0.089	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	4200		22	9.0	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.3		1.1	0.38	mg/Kg	1	☒	6010B	Total/NA
Barium	11		1.1	0.13	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.10	J	0.22	0.040	mg/Kg	1	☒	6010B	Total/NA
Chromium	7.0		1.1	0.55	mg/Kg	1	☒	6010B	Total/NA
Copper	14		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Iron	7800		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	2.3		0.55	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	230		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	9.9		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Silver	0.20	J	0.55	0.14	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.0090	J	0.019	0.0063	mg/Kg	1	☒	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	26	J	72	24	ug/Kg	50	✳	8260B	Total/NA
Benzo[a]anthracene	320		200	27	ug/Kg	5	✳	8270D	Total/NA
Benzo[a]pyrene	360		200	39	ug/Kg	5	✳	8270D	Total/NA
Benzo[b]fluoranthene	390		200	43	ug/Kg	5	✳	8270D	Total/NA
Benzo[g,h,i]perylene	160	J	200	65	ug/Kg	5	✳	8270D	Total/NA
Benzo[k]fluoranthene	240		200	59	ug/Kg	5	✳	8270D	Total/NA
Chrysene	350		200	55	ug/Kg	5	✳	8270D	Total/NA
Dibenz(a,h)anthracene	48	J	200	39	ug/Kg	5	✳	8270D	Total/NA
Fluoranthene	560		200	37	ug/Kg	5	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	170	J	200	52	ug/Kg	5	✳	8270D	Total/NA
1-Methylnaphthalene	190	J	410	49	ug/Kg	5	✳	8270D	Total/NA
2-Methylnaphthalene	64	J	410	37	ug/Kg	5	✳	8270D	Total/NA
Naphthalene	64	J	200	31	ug/Kg	5	✳	8270D	Total/NA
Phenanthrene	220		200	28	ug/Kg	5	✳	8270D	Total/NA
Pyrene	530		200	40	ug/Kg	5	✳	8270D	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.30	I	0.22	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.6		0.22	0.095	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3100		24	9.6	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.6		1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	15		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.15	J	0.24	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	5.1		1.2	0.58	mg/Kg	1	✳	6010B	Total/NA
Copper	12		1.2	0.33	mg/Kg	1	✳	6010B	Total/NA
Iron	6800		24	12	mg/Kg	1	✳	6010B	Total/NA
Lead	4.2		0.59	0.27	mg/Kg	1	✳	6010B	Total/NA
Manganese	140		1.2	0.17	mg/Kg	1	✳	6010B	Total/NA
Nickel	8.4		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0084	J	0.019	0.0065	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	10	J	40	7.2	ug/Kg	1	✳	8270D	Total/NA
Anthracene	30	J	40	6.7	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	72		40	5.4	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	71		40	7.8	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	85		40	8.7	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	30	J	40	13	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	44		40	12	ug/Kg	1	✳	8270D	Total/NA
Chrysene	75		40	11	ug/Kg	1	✳	8270D	Total/NA
Dibenz(a,h)anthracene	7.8	J	40	7.8	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	140		40	7.5	ug/Kg	1	✳	8270D	Total/NA
Fluorene	8.6	J	40	5.7	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	27	J	40	10	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	110		40	5.6	ug/Kg	1	✳	8270D	Total/NA
Pyrene	140		40	8.0	ug/Kg	1	✳	8270D	Total/NA
PCB-1260	13000		2100	1000	ug/Kg	100	✳	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.81		0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3600		23	9.4	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.71	J	1.1	0.39	mg/Kg	1	✳	6010B	Total/NA
Barium	11		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (8-9) (Continued)

Lab Sample ID: 500-198702-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.11	J	0.23	0.041	mg/Kg	1	☒	6010B	Total/NA
Chromium	6.4		1.1	0.57	mg/Kg	1	☒	6010B	Total/NA
Copper	9.4		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Iron	7100		23	12	mg/Kg	1	☒	6010B	Total/NA
Lead	2.4		0.57	0.26	mg/Kg	1	☒	6010B	Total/NA
Manganese	250		1.1	0.17	mg/Kg	1	☒	6010B	Total/NA
Nickel	10		1.1	0.33	mg/Kg	1	☒	6010B	Total/NA
Silver	0.22	J	0.57	0.15	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	13	J	39	5.1	ug/Kg	1	☒	8270D	Total/NA
Anthracene	9.9	J	39	6.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	76		39	5.2	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	78		39	7.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	93		39	8.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	50		39	13	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	49		39	11	ug/Kg	1	☒	8270D	Total/NA
Chrysene	91		39	11	ug/Kg	1	☒	8270D	Total/NA
Dibenz(a,h)anthracene	13	J	39	7.5	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	96		39	7.2	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	47		39	10	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	52	J	78	9.5	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	23	J	78	7.1	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	18	J	39	6.0	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	48		39	5.4	ug/Kg	1	☒	8270D	Total/NA
Pyrene	110		39	7.7	ug/Kg	1	☒	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	0.67		0.21	0.091	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.039	J	0.21	0.038	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.23		0.21	0.023	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.66		0.53	0.21	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	6200		21	8.6	mg/Kg	1	☒	6010B	Total/NA
Arsenic	4.8		1.1	0.36	mg/Kg	1	☒	6010B	Total/NA
Barium	28		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.18	J	0.21	0.038	mg/Kg	1	☒	6010B	Total/NA
Chromium	9.8		1.1	0.52	mg/Kg	1	☒	6010B	Total/NA
Copper	120		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA
Iron	11000		21	11	mg/Kg	1	☒	6010B	Total/NA
Lead	39		0.53	0.24	mg/Kg	1	☒	6010B	Total/NA
Manganese	250		1.1	0.15	mg/Kg	1	☒	6010B	Total/NA
Nickel	12		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Silver	0.34	J	0.53	0.14	mg/Kg	1	☒	6010B	Total/NA
Thallium	0.74	J	1.1	0.53	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.063		0.018	0.0061	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.24	0.035	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.9		0.24	0.10	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	4600		22	9.0	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (8-9) (Continued)

Lab Sample ID: 500-198702-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.54	J	1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	13		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.093	J	0.22	0.039	mg/Kg	1	☒	6010B	Total/NA
Chromium	8.3		1.1	0.54	mg/Kg	1	☒	6010B	Total/NA
Copper	9.1		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Iron	6900		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	2.3		0.55	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	220		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	8.9		1.1	0.32	mg/Kg	1	☒	6010B	Total/NA
Silver	0.17	J	0.55	0.14	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.1		0.23	0.10	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	8100		22	8.8	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.9		1.1	0.37	mg/Kg	1	☒	6010B	Total/NA
Barium	26		1.1	0.12	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.10	J	0.22	0.039	mg/Kg	1	☒	6010B	Total/NA
Chromium	13		1.1	0.53	mg/Kg	1	☒	6010B	Total/NA
Copper	19		1.1	0.30	mg/Kg	1	☒	6010B	Total/NA
Iron	11000		22	11	mg/Kg	1	☒	6010B	Total/NA
Lead	4.1		0.54	0.25	mg/Kg	1	☒	6010B	Total/NA
Manganese	270		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Nickel	14		1.1	0.31	mg/Kg	1	☒	6010B	Total/NA
Silver	0.30	J	0.54	0.14	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.018	J	0.019	0.0064	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.080	J	0.25	0.053	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.067	J	0.25	0.037	ug/Kg	1	☒	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.27		0.25	0.11	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	4600		25	10	mg/Kg	1	☒	6010B	Total/NA
Barium	14		1.3	0.14	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.12	J	0.25	0.045	mg/Kg	1	☒	6010B	Total/NA
Chromium	7.2		1.3	0.62	mg/Kg	1	☒	6010B	Total/NA
Copper	8.6		1.3	0.35	mg/Kg	1	☒	6010B	Total/NA
Iron	6100		25	13	mg/Kg	1	☒	6010B	Total/NA
Lead	2.1		0.63	0.29	mg/Kg	1	☒	6010B	Total/NA
Manganese	170		1.3	0.18	mg/Kg	1	☒	6010B	Total/NA
Nickel	7.5		1.3	0.37	mg/Kg	1	☒	6010B	Total/NA
Silver	0.16	J	0.63	0.16	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.1		0.24	0.10	ug/Kg	1	☒	537 (modified)	Total/NA
Aluminum	7700		23	9.6	mg/Kg	1	☒	6010B	Total/NA
Arsenic	1.9		1.2	0.40	mg/Kg	1	☒	6010B	Total/NA
Barium	26		1.2	0.13	mg/Kg	1	☒	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505 (Continued)

Lab Sample ID: 500-198702-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.12	J	0.23	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	13		1.2	0.58	mg/Kg	1	✳	6010B	Total/NA
Copper	18		1.2	0.33	mg/Kg	1	✳	6010B	Total/NA
Iron	12000		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	4.2		0.59	0.27	mg/Kg	1	✳	6010B	Total/NA
Manganese	300		1.2	0.17	mg/Kg	1	✳	6010B	Total/NA
Nickel	14		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Silver	0.47	J	0.59	0.15	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.019		0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: FB-04-210504

Lab Sample ID: 500-198702-38

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
6010B	Metals (ICP)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL 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 Plant No 9 - 1690019647

Job ID: 500-198702-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-198702-1	SB-213 (1-2)	Solid	05/03/21 10:40	05/06/21 07:59	
500-198702-2	SB-213 (11-12)	Solid	05/03/21 10:45	05/06/21 07:59	
500-198702-3	SB-213 (12-13)	Solid	05/03/21 10:50	05/06/21 07:59	
500-198702-4	SB-222 (2-4)	Solid	05/03/21 12:00	05/06/21 07:59	
500-198702-5	SB-222 (7-8)	Solid	05/03/21 12:05	05/06/21 07:59	
500-198702-6	SB-222 (11-12)	Solid	05/03/21 12:10	05/06/21 07:59	
500-198702-7	SB-221 (16-17)	Solid	05/03/21 12:40	05/06/21 07:59	
500-198702-8	FB-03-210503	Water	05/03/21 13:20	05/06/21 07:59	
500-198702-9	SB-220 (11-12)	Solid	05/03/21 14:15	05/06/21 07:59	
500-198702-10	SB-206 (3-4)	Solid	05/03/21 15:40	05/06/21 07:59	
500-198702-11	DUP-05-210503	Solid	05/03/21 15:40	05/06/21 07:59	
500-198702-12	SB-233 (2-3)	Solid	05/04/21 10:15	05/06/21 07:59	
500-198702-13	SB-233 (6-7)	Solid	05/04/21 10:20	05/06/21 07:59	
500-198702-14	SB-233 (8-9)	Solid	05/04/21 10:25	05/06/21 07:59	
500-198702-15	SB-219 (2-3)	Solid	05/04/21 12:20	05/06/21 07:59	
500-198702-16	SB-219 (5.5-6.5)	Solid	05/04/21 12:25	05/06/21 07:59	
500-198702-17	SB-219 (9-10)	Solid	05/04/21 12:30	05/06/21 07:59	
500-198702-18	SB-209 (0.5-1.75)	Solid	05/04/21 13:20	05/06/21 07:59	
500-198702-19	SB-209 (6-7)	Solid	05/04/21 13:25	05/06/21 07:59	
500-198702-20	SB-205 (1-2)	Solid	05/04/21 15:20	05/06/21 07:59	
500-198702-21	SB-205 (7-8)	Solid	05/04/21 15:25	05/06/21 07:59	
500-198702-22	TB-04-210505	Solid	05/03/21 00:00	05/06/21 07:59	
500-198702-23	TB-05-210505	Solid	05/04/21 00:00	05/06/21 07:59	
500-198702-24	TB-06-210505	Solid	05/05/21 00:00	05/06/21 07:59	
500-198702-25	TB-07-210505	Solid	05/05/21 00:00	05/06/21 07:59	
500-198702-26	TB-08-210505	Solid	05/05/21 00:00	05/06/21 07:59	
500-198702-27	SB-207 (3-4)	Solid	05/05/21 10:05	05/06/21 07:59	
500-198702-28	SB-207 (7-8)	Solid	05/05/21 10:10	05/06/21 07:59	
500-198702-29	SB-212 (1-2)	Solid	05/05/21 12:25	05/06/21 07:59	
500-198702-30	SB-212 (6-7)	Solid	05/05/21 12:30	05/06/21 07:59	
500-198702-31	DUP-07-210505	Solid	05/05/21 12:25	05/06/21 07:59	
500-198702-32	SB-212 (8-9)	Solid	05/05/21 12:35	05/06/21 07:59	
500-198702-33	SB-234 (0.5-1.5)	Solid	05/05/21 13:30	05/06/21 07:59	
500-198702-34	SB-234 (8-9)	Solid	05/05/21 13:35	05/06/21 07:59	
500-198702-35	SB-208 (3-4)	Solid	05/05/21 11:10	05/06/21 07:59	
500-198702-36	SB-208 (8-9)	Solid	05/05/21 11:15	05/06/21 07:59	
500-198702-37	DUP-06-210505	Solid	05/05/21 11:10	05/06/21 07:59	
500-198702-38	FB-04-210504	Water	05/04/21 13:50	05/06/21 09:50	

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.9		17	9.9	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Bromobenzene	<24		68	24	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Bromochloromethane	<29		68	29	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Bromodichloromethane	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Bromoform	<33		68	33	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Bromomethane	<54		200	54	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Carbon tetrachloride	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Chlorobenzene	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Chloroethane	<34		68	34	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Chloroform	<25		140	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Chloromethane	<22		68	22	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
2-Chlorotoluene	<21		68	21	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
4-Chlorotoluene	<24		68	24	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
cis-1,2-Dichloroethene	<28		68	28	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
cis-1,3-Dichloropropene	<28		68	28	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Dibromochloromethane	<33		68	33	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,2-Dibromo-3-Chloropropane	<140		340	140	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,2-Dibromoethane	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Dibromomethane	<18		68	18	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,2-Dichlorobenzene	<23		68	23	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,3-Dichlorobenzene	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,4-Dichlorobenzene	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Dichlorodifluoromethane	<46		200	46	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,1-Dichloroethane	<28		68	28	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,2-Dichloroethane	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,1-Dichloroethene	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,2-Dichloropropane	<29		68	29	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,3-Dichloropropane	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
2,2-Dichloropropane	<30		68	30	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,1-Dichloropropene	<20		68	20	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Ethylbenzene	<12		17	12	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Hexachlorobutadiene	<30		68	30	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Isopropylbenzene	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Isopropyl ether	<19		68	19	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Methylene Chloride	<110		340	110	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Methyl tert-butyl ether	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Naphthalene	<23		68	23	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
n-Butylbenzene	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
N-Propylbenzene	<28		68	28	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
p-Isopropyltoluene	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
sec-Butylbenzene	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Styrene	<26		68	26	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
tert-Butylbenzene	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,1,1,2-Tetrachloroethane	<31		68	31	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
1,1,2,2-Tetrachloroethane	<27		68	27	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Tetrachloroethene	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
Toluene	<10		17	10	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
trans-1,2-Dichloroethene	<24		68	24	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50
trans-1,3-Dichloropropene	<25		68	25	ug/Kg	✳	05/03/21 10:40	05/14/21 01:40	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		68	31	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,2,4-Trichlorobenzene	<23		68	23	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,1,1-Trichloroethane	<26		68	26	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,1,2-Trichloroethane	<24		68	24	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
Trichloroethene	<11		34	11	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
Trichlorofluoromethane	<29		68	29	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,2,4-Trimethylbenzene	<24		68	24	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
1,3,5-Trimethylbenzene	<26		68	26	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
Vinyl chloride	<18		68	18	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
Xylenes, Total	<15		34	15	ug/Kg	☼	05/03/21 10:40	05/14/21 01:40	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124				05/03/21 10:40	05/14/21 01:40	50
Dibromofluoromethane (Surr)	91		75 - 120				05/03/21 10:40	05/14/21 01:40	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126				05/03/21 10:40	05/14/21 01:40	50
Toluene-d8 (Surr)	97		75 - 120				05/03/21 10:40	05/14/21 01:40	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Anthracene	8.6	J	38	6.3	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Benzo[a]anthracene	41		38	5.1	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Benzo[a]pyrene	37	J	38	7.3	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Benzo[b]fluoranthene	48		38	8.1	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Benzo[g,h,i]perylene	31	J F1	38	12	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Benzo[k]fluoranthene	11	J	38	11	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Chrysene	39		38	10	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Dibenz(a,h)anthracene	<7.3		38	7.3	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Fluoranthene	65	F1	38	7.0	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Indeno[1,2,3-cd]pyrene	23	J	38	9.8	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
1-Methylnaphthalene	<9.2	F1	76	9.2	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
2-Methylnaphthalene	<6.9		76	6.9	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Phenanthrene	37	J F1	38	5.3	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Pyrene	79		38	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145				05/13/21 08:04	05/13/21 21:17	1
Nitrobenzene-d5 (Surr)	91		37 - 147				05/13/21 08:04	05/13/21 21:17	1
Terphenyl-d14 (Surr)	122		42 - 157				05/13/21 08:04	05/13/21 21:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	05/14/21 07:33	05/14/21 19:21	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	05/14/21 07:33	05/14/21 19:21	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	05/14/21 07:33	05/14/21 19:21	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	05/14/21 07:33	05/14/21 19:21	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	✳	05/14/21 07:33	05/14/21 19:21	1
PCB-1254	<4.1		19	4.1	ug/Kg	✳	05/14/21 07:33	05/14/21 19:21	1
PCB-1260	<9.4		19	9.4	ug/Kg	✳	05/14/21 07:33	05/14/21 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		49 - 129				05/14/21 07:33	05/14/21 19:21	1
DCB Decachlorobiphenyl	90		37 - 121				05/14/21 07:33	05/14/21 19:21	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.23	0.049	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.23	0.034	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorooctanoic acid (PFOA)	0.11	J	0.23	0.10	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorododecanoic acid (PFDoA)	<0.078		0.23	0.078	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorotetradecanoic acid (PFTTeA)	<0.063		0.23	0.063	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.23	0.041	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorododecanesulfonic acid (PFDoS)	<0.070		0.23	0.070	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NMeFOSA	<0.048		0.23	0.048	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	F1	0.23	0.021	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✳	05/10/21 11:33	05/11/21 17:14	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	104		25 - 150				05/10/21 11:33	05/11/21 17:14	1
13C5 PFPeA	99		25 - 150				05/10/21 11:33	05/11/21 17:14	1
13C2 PFHxA	90		25 - 150				05/10/21 11:33	05/11/21 17:14	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	94		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C4 PFOA	100		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C5 PFNA	102		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C2 PFDA	93		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C2 PFUnA	100		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C2 PFDoA	88		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C2 PFTeDA	79		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C3 PFBS	88		25 - 150	05/10/21 11:33	05/11/21 17:14	1
18O2 PFHxS	85		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C4 PFOS	86		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C8 FOSA	89		10 - 150	05/10/21 11:33	05/11/21 17:14	1
d3-NMeFOSAA	90		25 - 150	05/10/21 11:33	05/11/21 17:14	1
d5-NEtFOSAA	87		25 - 150	05/10/21 11:33	05/11/21 17:14	1
d-N-MeFOSA-M	66		10 - 150	05/10/21 11:33	05/11/21 17:14	1
d-N-EtFOSA-M	68		10 - 150	05/10/21 11:33	05/11/21 17:14	1
d7-N-MeFOSE-M	84		10 - 150	05/10/21 11:33	05/11/21 17:14	1
d9-N-EtFOSE-M	81		10 - 150	05/10/21 11:33	05/11/21 17:14	1
M2-4:2 FTS	87		25 - 150	05/10/21 11:33	05/11/21 17:14	1
M2-6:2 FTS	111		25 - 150	05/10/21 11:33	05/11/21 17:14	1
M2-8:2 FTS	117		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C3 HFPO-DA	94		25 - 150	05/10/21 11:33	05/11/21 17:14	1
13C2 10:2 FTS	111		25 - 150	05/10/21 11:33	05/11/21 17:14	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6700		21	8.7	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Antimony	<0.41	F1	2.1	0.41	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Arsenic	2.1		1.1	0.36	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Barium	31		1.1	0.12	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Cadmium	0.077	J B	0.21	0.038	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Chromium	12		1.1	0.53	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Copper	6.9		1.1	0.30	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Iron	12000		21	11	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Lead	4.3		0.53	0.25	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Manganese	420		1.1	0.15	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Nickel	11		1.1	0.31	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Selenium	<0.62		1.1	0.62	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Silver	0.20	J	0.53	0.14	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1
Thallium	0.95	J	1.1	0.53	mg/Kg	✱	05/13/21 17:18	05/14/21 10:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	F1 F2	0.018	0.0061	mg/Kg	✱	05/14/21 14:30	05/17/21 07:29	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Bromobenzene	<21		60	21	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Bromochloromethane	<26		60	26	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Bromodichloromethane	<22		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Bromoform	<29		60	29	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Bromomethane	<48		180	48	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Carbon tetrachloride	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Chlorobenzene	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Chloroethane	<30		60	30	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Chloroform	<22		120	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Chloromethane	<19		60	19	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
2-Chlorotoluene	<19		60	19	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
4-Chlorotoluene	<21		60	21	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
cis-1,2-Dichloroethene	<24		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
cis-1,3-Dichloropropene	<25		60	25	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Dibromochloromethane	<29		60	29	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,2-Dibromoethane	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Dibromomethane	<16		60	16	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,2-Dichlorobenzene	<20		60	20	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,3-Dichlorobenzene	<24		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,4-Dichlorobenzene	<22		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Dichlorodifluoromethane	<40		180	40	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,1-Dichloroethane	<25		60	25	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,2-Dichloroethane	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,1-Dichloroethene	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,2-Dichloropropane	<26		60	26	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,3-Dichloropropane	<22		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
2,2-Dichloropropane	<27		60	27	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,1-Dichloropropene	<18		60	18	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Ethylbenzene	<11		15	11	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Hexachlorobutadiene	<27		60	27	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Isopropylbenzene	40 J		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Isopropyl ether	<17		60	17	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Methylene Chloride	<97		300	97	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Naphthalene	360		60	20	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
n-Butylbenzene	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
N-Propylbenzene	<25		60	25	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
p-Isopropyltoluene	290		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
sec-Butylbenzene	230		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Styrene	<23		60	23	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
tert-Butylbenzene	160		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,1,1,2-Tetrachloroethane	<28		60	28	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
1,1,2,2-Tetrachloroethane	<24		60	24	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Tetrachloroethene	<22		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
Toluene	<8.8		15	8.8	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
trans-1,2-Dichloroethene	<21		60	21	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50
trans-1,3-Dichloropropene	<22		60	22	ug/Kg	✱	05/07/21 20:11	05/14/21 04:46	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<27		60	27	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,2,4-Trichlorobenzene	<20		60	20	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,1,1-Trichloroethane	<23		60	23	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,1,2-Trichloroethane	<21		60	21	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
Trichloroethene	<9.8		30	9.8	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
Trichlorofluoromethane	<26		60	26	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,2,4-Trimethylbenzene	3200		60	21	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
1,3,5-Trimethylbenzene	1900		60	23	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
Vinyl chloride	<16		60	16	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50
Xylenes, Total	81		30	13	ug/Kg	☼	05/07/21 20:11	05/14/21 04:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 126	05/07/21 20:11	05/14/21 04:46	50
Toluene-d8 (Surr)	98		75 - 120	05/07/21 20:11	05/14/21 04:46	50
4-Bromofluorobenzene (Surr)	85		72 - 124	05/07/21 20:11	05/14/21 04:46	50
Dibromofluoromethane (Surr)	90		75 - 120	05/07/21 20:11	05/14/21 04:46	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<65		360	65	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Acenaphthylene	<47		360	47	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Anthracene	<60		360	60	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Benzo[a]anthracene	<48		360	48	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Benzo[a]pyrene	<70		360	70	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Benzo[b]fluoranthene	<78		360	78	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Benzo[g,h,i]perylene	<120		360	120	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Benzo[k]fluoranthene	<110		360	110	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Chrysene	<98		360	98	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Dibenz(a,h)anthracene	<70		360	70	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Fluoranthene	<67		360	67	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Fluorene	<51		360	51	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Indeno[1,2,3-cd]pyrene	<93		360	93	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
1-Methylnaphthalene	<88		730	88	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
2-Methylnaphthalene	<66		730	66	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Naphthalene	<55		360	55	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Phenanthrene	<50		360	50	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10
Pyrene	<71		360	71	ug/Kg	☼	05/13/21 08:04	05/15/21 06:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		43 - 145	05/13/21 08:04	05/15/21 06:20	10
Nitrobenzene-d5 (Surr)	137		37 - 147	05/13/21 08:04	05/15/21 06:20	10
Terphenyl-d14 (Surr)	116		42 - 157	05/13/21 08:04	05/15/21 06:20	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.3		18	6.3	ug/Kg	☼	05/14/21 07:33	05/14/21 20:07	1
PCB-1221	<7.8		18	7.8	ug/Kg	☼	05/14/21 07:33	05/14/21 20:07	1
PCB-1232	<7.7		18	7.7	ug/Kg	☼	05/14/21 07:33	05/14/21 20:07	1
PCB-1242	<5.8		18	5.8	ug/Kg	☼	05/14/21 07:33	05/14/21 20:07	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 91.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.0		18	7.0	ug/Kg	✱	05/14/21 07:33	05/14/21 20:07	1
PCB-1254	<3.8		18	3.8	ug/Kg	✱	05/14/21 07:33	05/14/21 20:07	1
PCB-1260	<8.7		18	8.7	ug/Kg	✱	05/14/21 07:33	05/14/21 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		49 - 129				05/14/21 07:33	05/14/21 20:07	1
DCB Decachlorobiphenyl	74		37 - 121				05/14/21 07:33	05/14/21 20:07	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.30		0.21	0.030	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluoropentanoic acid (PFPeA)	<0.081		0.21	0.081	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorohexanoic acid (PFHxA)	<0.044		0.21	0.044	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.21	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorooctanoic acid (PFOA)	<0.091		0.21	0.091	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorononanoic acid (PFNA)	<0.038		0.21	0.038	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorodecanoic acid (PFDA)	<0.023		0.21	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluoroundecanoic acid (PFUnA)	<0.038		0.21	0.038	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorododecanoic acid (PFDoA)	<0.071		0.21	0.071	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorotridecanoic acid (PFTTrDA)	<0.054		0.21	0.054	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorotetradecanoic acid (PFTTeA)	<0.057		0.21	0.057	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.026		0.21	0.026	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.21	0.033	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.037		0.21	0.037	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.21		0.53	0.21	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorononanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.041		0.21	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorododecanesulfonic acid (PFDoS)	<0.063		0.21	0.063	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Perfluorooctanesulfonamide (FOSA)	<0.087		0.21	0.087	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NEtFOSA	<0.025		0.21	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NMeFOSA	<0.043		0.21	0.043	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NMeFOSAA	<0.41		2.1	0.41	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NEtFOSAA	<0.39		2.1	0.39	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NMeFOSE	<0.075		0.21	0.075	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
NEtFOSE	<0.038		0.21	0.038	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
4:2 FTS	<0.39		2.1	0.39	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
8:2 FTS	<0.26		2.1	0.26	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019		0.21	0.019	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
HFPO-DA (GenX)	<0.12		0.26	0.12	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
9Cl-PF3ONS	<0.029		0.21	0.029	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
11Cl-PF3OUdS	<0.023		0.21	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 17:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	109		25 - 150				05/10/21 11:33	05/11/21 17:42	1
13C5 PFPeA	110		25 - 150				05/10/21 11:33	05/11/21 17:42	1
13C2 PFHxA	101		25 - 150				05/10/21 11:33	05/11/21 17:42	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 91.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	105		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C4 PFOA	108		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C5 PFNA	110		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C2 PFDA	101		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C2 PFUnA	100		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C2 PFDoA	98		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C2 PFTeDA	91		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C3 PFBS	94		25 - 150	05/10/21 11:33	05/11/21 17:42	1
18O2 PFHxS	94		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C4 PFOS	97		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C8 FOSA	91		10 - 150	05/10/21 11:33	05/11/21 17:42	1
d3-NMeFOSAA	89		25 - 150	05/10/21 11:33	05/11/21 17:42	1
d5-NEtFOSAA	104		25 - 150	05/10/21 11:33	05/11/21 17:42	1
d-N-MeFOSA-M	81		10 - 150	05/10/21 11:33	05/11/21 17:42	1
d-N-EtFOSA-M	85		10 - 150	05/10/21 11:33	05/11/21 17:42	1
d7-N-MeFOSE-M	95		10 - 150	05/10/21 11:33	05/11/21 17:42	1
d9-N-EtFOSE-M	95		10 - 150	05/10/21 11:33	05/11/21 17:42	1
M2-4:2 FTS	115		25 - 150	05/10/21 11:33	05/11/21 17:42	1
M2-6:2 FTS	150		25 - 150	05/10/21 11:33	05/11/21 17:42	1
M2-8:2 FTS	149		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C3 HFPO-DA	94		25 - 150	05/10/21 11:33	05/11/21 17:42	1
13C2 10:2 FTS	140		25 - 150	05/10/21 11:33	05/11/21 17:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100		21	8.8	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Antimony	<0.42		2.1	0.42	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Arsenic	3.4		1.1	0.37	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Barium	9.9		1.1	0.12	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Cadmium	<0.039		0.21	0.039	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Chromium	7.0		1.1	0.53	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Copper	7.8		1.1	0.30	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Iron	9200		21	11	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Lead	1.6		0.54	0.25	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Manganese	200		1.1	0.16	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Nickel	8.0		1.1	0.31	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Selenium	<0.63		1.1	0.63	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Silver	<0.14		0.54	0.14	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1
Thallium	0.64 J		1.1	0.53	mg/Kg	✱	05/13/21 17:18	05/14/21 10:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0058		0.017	0.0058	mg/Kg	✱	05/14/21 14:30	05/17/21 07:36	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		20	11	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Bromobenzene	<28		78	28	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Bromochloromethane	<33		78	33	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Bromodichloromethane	<29		78	29	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Bromoform	<38		78	38	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Bromomethane	<62		230	62	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Carbon tetrachloride	<30		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Chlorobenzene	<30		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Chloroethane	<39		78	39	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Chloroform	<29		160	29	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Chloromethane	<25		78	25	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
2-Chlorotoluene	<25		78	25	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
4-Chlorotoluene	<27		78	27	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
cis-1,2-Dichloroethene	<32		78	32	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
cis-1,3-Dichloropropene	<32		78	32	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Dibromochloromethane	<38		78	38	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,2-Dibromo-3-Chloropropane	<160		390	160	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,2-Dibromoethane	<30		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Dibromomethane	<21		78	21	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,2-Dichlorobenzene	<26		78	26	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,3-Dichlorobenzene	<31		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,4-Dichlorobenzene	<28		78	28	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Dichlorodifluoromethane	<53		230	53	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,1-Dichloroethane	<32		78	32	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,2-Dichloroethane	<31		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,1-Dichloroethene	<30		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,2-Dichloropropane	<33		78	33	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,3-Dichloropropane	<28		78	28	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
2,2-Dichloropropane	<35		78	35	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,1-Dichloropropene	<23		78	23	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Ethylbenzene	1300		20	14	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Hexachlorobutadiene	<35		78	35	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Isopropylbenzene	3100		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Isopropyl ether	<22		78	22	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Methylene Chloride	<130		390	130	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Methyl tert-butyl ether	<31		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Naphthalene	1900		78	26	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
n-Butylbenzene	9800		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
N-Propylbenzene	6600		78	32	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
p-Isopropyltoluene	7600		78	28	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
sec-Butylbenzene	5400		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Styrene	<30		78	30	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
tert-Butylbenzene	1300		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,1,1,2-Tetrachloroethane	<36		78	36	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
1,1,2,2-Tetrachloroethane	<31		78	31	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Tetrachloroethene	<29		78	29	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
Toluene	<11		20	11	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
trans-1,2-Dichloroethene	<27		78	27	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50
trans-1,3-Dichloropropene	<28		78	28	ug/Kg	✳	05/07/21 20:13	05/14/21 03:53	50

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		78	36	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
1,2,4-Trichlorobenzene	<27		78	27	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
1,1,1-Trichloroethane	<30		78	30	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
1,1,2-Trichloroethane	<27		78	27	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
Trichloroethene	<13		39	13	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
Trichlorofluoromethane	<33		78	33	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
1,2,3-Trichloropropane	<32		160	32	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
Vinyl chloride	<20		78	20	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50
Xylenes, Total	6000		39	17	ug/Kg	✱	05/07/21 20:13	05/14/21 03:53	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	05/07/21 20:13	05/14/21 03:53	50
Toluene-d8 (Surr)	110		75 - 120	05/07/21 20:13	05/14/21 03:53	50
4-Bromofluorobenzene (Surr)	85		72 - 124	05/07/21 20:13	05/14/21 03:53	50
Dibromofluoromethane (Surr)	91		75 - 120	05/07/21 20:13	05/14/21 03:53	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	57000		780	280	ug/Kg	✱	05/07/21 20:13	05/14/21 04:19	500
1,3,5-Trimethylbenzene	21000		780	300	ug/Kg	✱	05/07/21 20:13	05/14/21 04:19	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 126	05/07/21 20:13	05/14/21 04:19	500
Toluene-d8 (Surr)	100		75 - 120	05/07/21 20:13	05/14/21 04:19	500
4-Bromofluorobenzene (Surr)	97		72 - 124	05/07/21 20:13	05/14/21 04:19	500
Dibromofluoromethane (Surr)	92		75 - 120	05/07/21 20:13	05/14/21 04:19	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<76		420	76	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Acenaphthylene	<55		420	55	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Anthracene	<70		420	70	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Benzo[a]anthracene	<57		420	57	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Benzo[a]pyrene	<81		420	81	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Benzo[b]fluoranthene	<91		420	91	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Benzo[g,h,i]perylene	<140		420	140	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Benzo[k]fluoranthene	<120		420	120	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Chrysene	<110		420	110	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Dibenz(a,h)anthracene	<81		420	81	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Fluoranthene	<78		420	78	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Fluorene	<59		420	59	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Indeno[1,2,3-cd]pyrene	<110		420	110	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
1-Methylnaphthalene	520	J	850	100	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
2-Methylnaphthalene	280	J	850	77	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Naphthalene	890		420	65	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Phenanthrene	<59		420	59	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10
Pyrene	<84		420	84	ug/Kg	✱	05/13/21 08:04	05/15/21 06:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	89		43 - 145	05/13/21 08:04	05/15/21 06:40	10
Nitrobenzene-d5 (Surr)	112		37 - 147	05/13/21 08:04	05/15/21 06:40	10

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	132		42 - 157	05/13/21 08:04	05/15/21 06:40	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.4		21	7.4	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1221	<9.2		21	9.2	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1232	<9.1		21	9.1	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1242	<6.9		21	6.9	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1248	<8.2		21	8.2	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1254	<4.5		21	4.5	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1
PCB-1260	<10		21	10	ug/Kg	☆	05/14/21 07:33	05/14/21 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	114		49 - 129	05/14/21 07:33	05/14/21 20:23	1
DCB Decachlorobiphenyl	91		37 - 121	05/14/21 07:33	05/14/21 20:23	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorooctanoic acid (PFOA)	0.22 J		0.23	0.099	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorotetradecanoic acid (PFTTeA)	<0.062		0.23	0.062	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☆	05/10/21 11:33	05/16/21 05:19	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	☼	05/10/21 11:33	05/16/21 05:19	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/10/21 11:33	05/16/21 05:19	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	☼	05/10/21 11:33	05/16/21 05:19	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	☼	05/10/21 11:33	05/16/21 05:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	120		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C5 PFPeA	113		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 PFHxA	117		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C4 PFHpA	118		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C4 PFOA	110		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C5 PFNA	128		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 PFDA	115		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 PFUnA	118		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 PFDoA	105		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 PFTeDA	100		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C3 PFBS	104		25 - 150				05/10/21 11:33	05/16/21 05:19	1
18O2 PFHxS	109		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C4 PFOS	113		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C8 FOSA	103		10 - 150				05/10/21 11:33	05/16/21 05:19	1
d3-NMeFOSAA	125		25 - 150				05/10/21 11:33	05/16/21 05:19	1
d5-NEtFOSAA	128		25 - 150				05/10/21 11:33	05/16/21 05:19	1
d-N-MeFOSA-M	84		10 - 150				05/10/21 11:33	05/16/21 05:19	1
d-N-EtFOSA-M	85		10 - 150				05/10/21 11:33	05/16/21 05:19	1
d7-N-MeFOSE-M	100		10 - 150				05/10/21 11:33	05/16/21 05:19	1
d9-N-EtFOSE-M	102		10 - 150				05/10/21 11:33	05/16/21 05:19	1
M2-4:2 FTS	104		25 - 150				05/10/21 11:33	05/16/21 05:19	1
M2-6:2 FTS	131		25 - 150				05/10/21 11:33	05/16/21 05:19	1
M2-8:2 FTS	150		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C3 HFPO-DA	110		25 - 150				05/10/21 11:33	05/16/21 05:19	1
13C2 10:2 FTS	128		25 - 150				05/10/21 11:33	05/16/21 05:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		23	9.2	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Antimony	<0.44		2.3	0.44	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Arsenic	0.77	J	1.1	0.39	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Barium	12		1.1	0.13	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Cadmium	0.057	J B	0.23	0.041	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Chromium	8.0		1.1	0.56	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Copper	8.7		1.1	0.32	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Iron	5700		23	12	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Lead	2.2		0.56	0.26	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Manganese	130		1.1	0.16	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Nickel	7.9		1.1	0.33	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Selenium	<0.66		1.1	0.66	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Silver	<0.15		0.56	0.15	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1
Thallium	<0.56		1.1	0.56	mg/Kg	☼	05/13/21 17:18	05/14/21 10:26	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0064		0.019	0.0064	mg/Kg	✱	05/14/21 14:30	05/17/21 07:39	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Date Collected: 05/03/21 12:00

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Bromobenzene	<25		69	25	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Bromochloromethane	<30		69	30	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Bromodichloromethane	<26		69	26	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Bromoform	<33		69	33	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Bromomethane	<55		210	55	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Carbon tetrachloride	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Chlorobenzene	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Chloroethane	<35		69	35	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Chloroform	<26		140	26	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Chloromethane	<22		69	22	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
2-Chlorotoluene	<22		69	22	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
4-Chlorotoluene	<24		69	24	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
cis-1,2-Dichloroethene	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
cis-1,3-Dichloropropene	<29		69	29	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Dibromochloromethane	<34		69	34	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,2-Dibromo-3-Chloropropane	<140		350	140	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,2-Dibromoethane	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Dibromomethane	<19		69	19	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,2-Dichlorobenzene	<23		69	23	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,3-Dichlorobenzene	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,4-Dichlorobenzene	<25		69	25	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,1-Dichloroethane	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,2-Dichloroethane	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,1-Dichloroethene	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,2-Dichloropropane	<30		69	30	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,3-Dichloropropane	<25		69	25	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
2,2-Dichloropropane	<31		69	31	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,1-Dichloropropene	<21		69	21	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Ethylbenzene	<13		17	13	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Hexachlorobutadiene	<31		69	31	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Isopropylbenzene	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Isopropyl ether	<19		69	19	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Methylene Chloride	<110		350	110	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Methyl tert-butyl ether	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Naphthalene	<23		69	23	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
n-Butylbenzene	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
N-Propylbenzene	<29		69	29	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
p-Isopropyltoluene	<25		69	25	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
sec-Butylbenzene	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Styrene	<27		69	27	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
tert-Butylbenzene	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,1,1,2-Tetrachloroethane	<32		69	32	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
1,1,1,2,2-Tetrachloroethane	<28		69	28	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Tetrachloroethene	<26		69	26	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
Toluene	<10		17	10	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
trans-1,2-Dichloroethene	<24		69	24	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50
trans-1,3-Dichloropropene	<25		69	25	ug/Kg	✳	05/07/21 20:14	05/14/21 02:07	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Date Collected: 05/03/21 12:00

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		69	32	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,2,4-Trichlorobenzene	<24		69	24	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,1,1-Trichloroethane	<26		69	26	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,1,2-Trichloroethane	<24		69	24	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
Trichloroethene	<11		35	11	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
Trichlorofluoromethane	<30		69	30	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,2,4-Trimethylbenzene	<25		69	25	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
1,3,5-Trimethylbenzene	<26		69	26	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
Vinyl chloride	<18		69	18	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50
Xylenes, Total	<15		35	15	ug/Kg	☼	05/07/21 20:14	05/14/21 02:07	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	05/07/21 20:14	05/14/21 02:07	50
Toluene-d8 (Surr)	98		75 - 120	05/07/21 20:14	05/14/21 02:07	50
4-Bromofluorobenzene (Surr)	96		72 - 124	05/07/21 20:14	05/14/21 02:07	50
Dibromofluoromethane (Surr)	91		75 - 120	05/07/21 20:14	05/14/21 02:07	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Acenaphthylene	<5.1		39	5.1	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Anthracene	<6.5	F1	39	6.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Benzo[a]anthracene	11	J	39	5.2	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Benzo[a]pyrene	10	J	39	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Benzo[b]fluoranthene	15	J	39	8.4	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Benzo[k]fluoranthene	<11		39	11	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Chrysene	11	J	39	11	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Dibenz(a,h)anthracene	<7.5		39	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Fluoranthene	14	J	39	7.2	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
1-Methylnaphthalene	32	J	79	9.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
2-Methylnaphthalene	<7.2		79	7.2	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Naphthalene	<6.0		39	6.0	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Phenanthrene	10	J	39	5.4	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1
Pyrene	15	J	39	7.7	ug/Kg	☼	05/13/21 08:04	05/13/21 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		43 - 145	05/13/21 08:04	05/13/21 22:18	1
Nitrobenzene-d5 (Surr)	86		37 - 147	05/13/21 08:04	05/13/21 22:18	1
Terphenyl-d14 (Surr)	139		42 - 157	05/13/21 08:04	05/13/21 22:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	05/14/21 07:33	05/14/21 20:38	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	05/14/21 07:33	05/14/21 20:38	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	05/14/21 07:33	05/14/21 20:38	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	05/14/21 07:33	05/14/21 20:38	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Date Collected: 05/03/21 12:00

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 83.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	✳	05/14/21 07:33	05/14/21 20:38	1
PCB-1254	<4.2		20	4.2	ug/Kg	✳	05/14/21 07:33	05/14/21 20:38	1
PCB-1260	<9.6		20	9.6	ug/Kg	✳	05/14/21 07:33	05/14/21 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		49 - 129				05/14/21 07:33	05/14/21 20:38	1
DCB Decachlorobiphenyl	71		37 - 121				05/14/21 07:33	05/14/21 20:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		22	8.9	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Antimony	0.46	J F1	2.2	0.42	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Arsenic	2.9		1.1	0.37	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Barium	48		1.1	0.12	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Cadmium	0.14	J	0.22	0.039	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Chromium	17		1.1	0.54	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Copper	16		1.1	0.30	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Iron	14000	B F2	22	11	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Lead	68	F2	0.54	0.25	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Manganese	360		1.1	0.16	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Nickel	16		1.1	0.32	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Selenium	<0.64		1.1	0.64	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Silver	0.22	J	0.54	0.14	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1
Thallium	1.0	J	1.1	0.54	mg/Kg	✳	05/13/21 17:31	05/14/21 13:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	F1	0.018	0.0061	mg/Kg	✳	05/14/21 14:30	05/17/21 07:40	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (7-8)

Lab Sample ID: 500-198702-5

Date Collected: 05/03/21 12:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Bromobenzene	<22		61	22	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Bromochloromethane	<26		61	26	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Bromodichloromethane	<23		61	23	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Bromoform	<30		61	30	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Bromomethane	<49		180	49	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Carbon tetrachloride	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Chlorobenzene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Chloroethane	<31		61	31	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Chloroform	<23		120	23	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Chloromethane	<20		61	20	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
2-Chlorotoluene	<19		61	19	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
4-Chlorotoluene	<21		61	21	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
cis-1,2-Dichloroethene	<25		61	25	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
cis-1,3-Dichloropropene	<25		61	25	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Dibromochloromethane	<30		61	30	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,2-Dibromo-3-Chloropropane	<120		310	120	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,2-Dibromoethane	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Dibromomethane	<17		61	17	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,2-Dichlorobenzene	<20		61	20	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,3-Dichlorobenzene	<25		61	25	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,4-Dichlorobenzene	<22		61	22	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,1-Dichloroethane	<25		61	25	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,2-Dichloroethane	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,1-Dichloroethene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,2-Dichloropropane	<26		61	26	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,3-Dichloropropane	<22		61	22	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
2,2-Dichloropropane	<27		61	27	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,1-Dichloropropene	<18		61	18	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Ethylbenzene	<11		15	11	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Hexachlorobutadiene	<27		61	27	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Isopropylbenzene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Isopropyl ether	<17		61	17	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Methylene Chloride	<100		310	100	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Naphthalene	<20		61	20	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
n-Butylbenzene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
N-Propylbenzene	<25		61	25	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
p-Isopropyltoluene	<22		61	22	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
sec-Butylbenzene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Styrene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
tert-Butylbenzene	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,1,1,2-Tetrachloroethane	<28		61	28	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
1,1,2,2-Tetrachloroethane	<24		61	24	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Tetrachloroethene	<23		61	23	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
Toluene	<9.0		15	9.0	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
trans-1,2-Dichloroethene	<21		61	21	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50
trans-1,3-Dichloropropene	<22		61	22	ug/Kg	✳	05/03/21 12:05	05/14/21 02:34	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (7-8)

Lab Sample ID: 500-198702-5

Date Collected: 05/03/21 12:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<28		61	28	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,2,4-Trichlorobenzene	<21		61	21	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,1,1-Trichloroethane	<23		61	23	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,1,2-Trichloroethane	<22		61	22	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
Trichloroethene	<10		31	10	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
Trichlorofluoromethane	<26		61	26	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
Vinyl chloride	<16		61	16	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
Xylenes, Total	<13		31	13	ug/Kg	☼	05/03/21 12:05	05/14/21 02:34	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124				05/03/21 12:05	05/14/21 02:34	50
Dibromofluoromethane (Surr)	90		75 - 120				05/03/21 12:05	05/14/21 02:34	50
1,2-Dichloroethane-d4 (Surr)	95		75 - 126				05/03/21 12:05	05/14/21 02:34	50
Toluene-d8 (Surr)	97		75 - 120				05/03/21 12:05	05/14/21 02:34	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Anthracene	<6.1		36	6.1	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Benzo[a]anthracene	<4.9		36	4.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Benzo[a]pyrene	<7.0		36	7.0	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Benzo[b]fluoranthene	<7.9		36	7.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Chrysene	<9.9		36	9.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Dibenz(a,h)anthracene	<7.0		36	7.0	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Fluoranthene	<6.7		36	6.7	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Indeno[1,2,3-cd]pyrene	<9.4		36	9.4	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
1-Methylnaphthalene	<8.9		73	8.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
2-Methylnaphthalene	<6.7		73	6.7	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Phenanthrene	<5.1		36	5.1	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Pyrene	<7.2		36	7.2	ug/Kg	☼	05/13/21 08:04	05/14/21 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	104		43 - 145				05/13/21 08:04	05/14/21 01:24	1
Nitrobenzene-d5 (Surr)	107		37 - 147				05/13/21 08:04	05/14/21 01:24	1
Terphenyl-d14 (Surr)	155		42 - 157				05/13/21 08:04	05/14/21 01:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.4		18	6.4	ug/Kg	☼	05/14/21 07:33	05/14/21 21:25	1
PCB-1221	<7.9		18	7.9	ug/Kg	☼	05/14/21 07:33	05/14/21 21:25	1
PCB-1232	<7.9		18	7.9	ug/Kg	☼	05/14/21 07:33	05/14/21 21:25	1
PCB-1242	<5.9		18	5.9	ug/Kg	☼	05/14/21 07:33	05/14/21 21:25	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (7-8)

Lab Sample ID: 500-198702-5

Date Collected: 05/03/21 12:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 89.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.1		18	7.1	ug/Kg	✳	05/14/21 07:33	05/14/21 21:25	1
PCB-1254	<3.9		18	3.9	ug/Kg	✳	05/14/21 07:33	05/14/21 21:25	1
PCB-1260	<8.9		18	8.9	ug/Kg	✳	05/14/21 07:33	05/14/21 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		49 - 129				05/14/21 07:33	05/14/21 21:25	1
DCB Decachlorobiphenyl	77		37 - 121				05/14/21 07:33	05/14/21 21:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3200		20	8.2	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Antimony	<0.39		2.0	0.39	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Arsenic	0.95	J	1.0	0.34	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Barium	9.2		1.0	0.11	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Cadmium	0.038	J	0.20	0.036	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Chromium	5.9		1.0	0.50	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Copper	8.7		1.0	0.28	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Iron	6300	B	20	10	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Lead	2.1		0.50	0.23	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Manganese	130		1.0	0.15	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Nickel	7.9		1.0	0.29	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Selenium	<0.59		1.0	0.59	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Silver	0.16	J	0.50	0.13	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1
Thallium	<0.50		1.0	0.50	mg/Kg	✳	05/13/21 17:31	05/14/21 13:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0055		0.017	0.0055	mg/Kg	✳	05/14/21 14:30	05/17/21 07:52	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (11-12)

Lab Sample ID: 500-198702-6

Date Collected: 05/03/21 12:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Bromobenzene	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Bromochloromethane	<33		78	33	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Bromodichloromethane	<29		78	29	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Bromoform	<38		78	38	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Bromomethane	<62		230	62	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Carbon tetrachloride	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Chlorobenzene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Chloroethane	<39		78	39	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Chloroform	<29		160	29	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Chloromethane	<25		78	25	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
2-Chlorotoluene	<24		78	24	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
4-Chlorotoluene	<27		78	27	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
cis-1,2-Dichloroethene	<32		78	32	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
cis-1,3-Dichloropropene	<32		78	32	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Dibromochloromethane	<38		78	38	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2-Dibromo-3-Chloropropane	<150		390	150	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2-Dibromoethane	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Dibromomethane	<21		78	21	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2-Dichlorobenzene	<26		78	26	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,3-Dichlorobenzene	<31		78	31	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,4-Dichlorobenzene	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Dichlorodifluoromethane	<52		230	52	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1-Dichloroethane	<32		78	32	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2-Dichloroethane	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1-Dichloroethene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2-Dichloropropane	<33		78	33	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,3-Dichloropropane	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
2,2-Dichloropropane	<35		78	35	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1-Dichloropropene	<23		78	23	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Ethylbenzene	<14		19	14	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Hexachlorobutadiene	<35		78	35	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Isopropylbenzene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Isopropyl ether	<21		78	21	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Methylene Chloride	<130		390	130	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Methyl tert-butyl ether	<31		78	31	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Naphthalene	<26		78	26	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
n-Butylbenzene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
N-Propylbenzene	<32		78	32	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
p-Isopropyltoluene	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
sec-Butylbenzene	<31		78	31	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Styrene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
tert-Butylbenzene	<31		78	31	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1,1,2-Tetrachloroethane	<36		78	36	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1,1,2,2-Tetrachloroethane	<31		78	31	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Tetrachloroethene	<29		78	29	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Toluene	<11		19	11	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
trans-1,2-Dichloroethene	<27		78	27	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
trans-1,3-Dichloropropene	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (11-12)

Lab Sample ID: 500-198702-6

Date Collected: 05/03/21 12:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		78	36	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2,4-Trichlorobenzene	<27		78	27	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1,1-Trichloroethane	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,1,2-Trichloroethane	<27		78	27	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Trichloroethene	<13		39	13	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Trichlorofluoromethane	<33		78	33	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2,3-Trichloropropane	<32		160	32	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,2,4-Trimethylbenzene	<28		78	28	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
1,3,5-Trimethylbenzene	<30		78	30	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Vinyl chloride	<20		78	20	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Xylenes, Total	<17		39	17	ug/Kg	☼	05/07/21 20:18	05/14/21 03:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				05/07/21 20:18	05/14/21 03:00	50
Toluene-d8 (Surr)	98		75 - 120				05/07/21 20:18	05/14/21 03:00	50
4-Bromofluorobenzene (Surr)	95		72 - 124				05/07/21 20:18	05/14/21 03:00	50
Dibromofluoromethane (Surr)	90		75 - 120				05/07/21 20:18	05/14/21 03:00	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Acenaphthylene	<5.4		40	5.4	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Anthracene	<6.8		40	6.8	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Benzo[a]pyrene	<7.9		40	7.9	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Benzo[b]fluoranthene	<8.8		40	8.8	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Chrysene	<11		40	11	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Dibenz(a,h)anthracene	<7.9		40	7.9	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Fluoranthene	<7.6		40	7.6	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
1-Methylnaphthalene	<10		82	10	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Naphthalene	<6.3		40	6.3	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Phenanthrene	<5.7		40	5.7	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Pyrene	<8.1		40	8.1	ug/Kg	☼	05/13/21 08:04	05/13/21 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		43 - 145				05/13/21 08:04	05/13/21 22:39	1
Nitrobenzene-d5 (Surr)	93		37 - 147				05/13/21 08:04	05/13/21 22:39	1
Terphenyl-d14 (Surr)	154		42 - 157				05/13/21 08:04	05/13/21 22:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.5		21	7.5	ug/Kg	☼	05/14/21 07:33	05/14/21 21:40	1
PCB-1221	<9.4		21	9.4	ug/Kg	☼	05/14/21 07:33	05/14/21 21:40	1
PCB-1232	<9.3		21	9.3	ug/Kg	☼	05/14/21 07:33	05/14/21 21:40	1
PCB-1242	<7.0		21	7.0	ug/Kg	☼	05/14/21 07:33	05/14/21 21:40	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (11-12)

Lab Sample ID: 500-198702-6

Date Collected: 05/03/21 12:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.4		21	8.4	ug/Kg	✳	05/14/21 07:33	05/14/21 21:40	1
PCB-1254	<4.6		21	4.6	ug/Kg	✳	05/14/21 07:33	05/14/21 21:40	1
PCB-1260	<10		21	10	ug/Kg	✳	05/14/21 07:33	05/14/21 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		49 - 129				05/14/21 07:33	05/14/21 21:40	1
DCB Decachlorobiphenyl	83		37 - 121				05/14/21 07:33	05/14/21 21:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6400		24	9.8	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Antimony	<0.47		2.4	0.47	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Arsenic	1.5		1.2	0.41	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Barium	23		1.2	0.14	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Cadmium	0.068	J	0.24	0.043	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Chromium	9.5		1.2	0.59	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Copper	14		1.2	0.34	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Iron	9000	B	24	12	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Lead	3.4		0.60	0.28	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Manganese	210		1.2	0.17	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Nickel	12		1.2	0.35	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Selenium	<0.71		1.2	0.71	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Silver	0.18	J	0.60	0.15	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1
Thallium	<0.60		1.2	0.60	mg/Kg	✳	05/13/21 17:31	05/14/21 13:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	J	0.020	0.0066	mg/Kg	✳	05/14/21 14:30	05/17/21 07:54	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-221 (16-17)

Lab Sample ID: 500-198702-7

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Bromobenzene	<27		76	27	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Bromochloromethane	<33		76	33	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Bromodichloromethane	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Bromoform	<37		76	37	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Bromomethane	<61		230	61	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Carbon tetrachloride	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Chlorobenzene	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Chloroethane	<38		76	38	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Chloroform	<28		150	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Chloromethane	<24		76	24	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
2-Chlorotoluene	<24		76	24	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
4-Chlorotoluene	<27		76	27	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Dibromochloromethane	<37		76	37	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2-Dibromo-3-Chloropropane	<150		380	150	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2-Dibromoethane	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Dibromomethane	<21		76	21	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,3-Dichlorobenzene	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1-Dichloroethane	<31		76	31	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2-Dichloroethane	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1-Dichloroethene	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2-Dichloropropane	<33		76	33	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,3-Dichloropropane	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
2,2-Dichloropropane	<34		76	34	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1-Dichloropropene	<23		76	23	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Ethylbenzene	<14		19	14	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Hexachlorobutadiene	<34		76	34	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Isopropylbenzene	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Isopropyl ether	<21		76	21	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Methylene Chloride	<120		380	120	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Naphthalene	<25		76	25	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
n-Butylbenzene	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
N-Propylbenzene	<31		76	31	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
p-Isopropyltoluene	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
sec-Butylbenzene	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Styrene	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
tert-Butylbenzene	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1,1,2-Tetrachloroethane	<35		76	35	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Tetrachloroethene	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Toluene	<11		19	11	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
trans-1,3-Dichloropropene	<28		76	28	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-221 (16-17)

Lab Sample ID: 500-198702-7

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1,1-Trichloroethane	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Trichloroethene	<12		38	12	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Trichlorofluoromethane	<33		76	33	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Vinyl chloride	<20		76	20	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Xylenes, Total	<17		38	17	ug/Kg	✳	05/07/21 20:20	05/14/21 03:26	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				05/07/21 20:20	05/14/21 03:26	50
Toluene-d8 (Surr)	97		75 - 120				05/07/21 20:20	05/14/21 03:26	50
4-Bromofluorobenzene (Surr)	98		72 - 124				05/07/21 20:20	05/14/21 03:26	50
Dibromofluoromethane (Surr)	90		75 - 120				05/07/21 20:20	05/14/21 03:26	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.4		41	7.4	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Acenaphthylene	<5.5		41	5.5	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Anthracene	<6.9		41	6.9	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Benzo[a]anthracene	9.8	J	41	5.6	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Benzo[a]pyrene	<8.0		41	8.0	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Benzo[b]fluoranthene	<8.9		41	8.9	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Chrysene	<11		41	11	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Dibenz(a,h)anthracene	<8.0		41	8.0	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Fluoranthene	11	J	41	7.7	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Fluorene	12	J	41	5.8	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
1-Methylnaphthalene	<10		83	10	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
2-Methylnaphthalene	<7.6		83	7.6	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Naphthalene	<6.4		41	6.4	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Phenanthrene	16	J	41	5.8	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Pyrene	12	J	41	8.2	ug/Kg	✳	05/13/21 08:04	05/13/21 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		43 - 145				05/13/21 08:04	05/13/21 23:00	1
Nitrobenzene-d5 (Surr)	94		37 - 147				05/13/21 08:04	05/13/21 23:00	1
Terphenyl-d14 (Surr)	139		42 - 157				05/13/21 08:04	05/13/21 23:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	✳	05/14/21 07:33	05/14/21 21:55	1
PCB-1221	<9.0		21	9.0	ug/Kg	✳	05/14/21 07:33	05/14/21 21:55	1
PCB-1232	<8.9		21	8.9	ug/Kg	✳	05/14/21 07:33	05/14/21 21:55	1
PCB-1242	<6.7		21	6.7	ug/Kg	✳	05/14/21 07:33	05/14/21 21:55	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-221 (16-17)

Lab Sample ID: 500-198702-7

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 79.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	✱	05/14/21 07:33	05/14/21 21:55	1
PCB-1254	<4.4		21	4.4	ug/Kg	✱	05/14/21 07:33	05/14/21 21:55	1
PCB-1260	<10		21	10	ug/Kg	✱	05/14/21 07:33	05/14/21 21:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		49 - 129				05/14/21 07:33	05/14/21 21:55	1
DCB Decachlorobiphenyl	69		37 - 121				05/14/21 07:33	05/14/21 21:55	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorohexanoic acid (PFHxA)	0.076	J	0.23	0.048	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoroheptanoic acid (PFHpA)	0.099	J	0.23	0.033	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorooctanoic acid (PFOA)	1.6		0.23	0.097	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorotridecanoic acid (PFTTrDA)	<0.058		0.23	0.058	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorotetradecanoic acid (PFTTeA)	<0.061		0.23	0.061	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Perfluorooctanesulfonamide (FOSA)	<0.093		0.23	0.093	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NMeFOSA	<0.046		0.23	0.046	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NMeFOSAA	<0.44		2.3	0.44	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NMeFOSE	<0.080		0.23	0.080	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.23	0.020	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/11/21 11:21	05/12/21 18:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				05/11/21 11:21	05/12/21 18:16	1
13C5 PFPeA	95		25 - 150				05/11/21 11:21	05/12/21 18:16	1
13C2 PFHxA	97		25 - 150				05/11/21 11:21	05/12/21 18:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-221 (16-17)

Lab Sample ID: 500-198702-7

Date Collected: 05/03/21 12:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 79.4

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	101		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C4 PFOA	93		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C5 PFNA	91		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C2 PFDA	87		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C2 PFUnA	88		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C2 PFDoA	86		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C2 PFTeDA	72		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C3 PFBS	77		25 - 150	05/11/21 11:21	05/12/21 18:16	1
18O2 PFHxS	81		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C4 PFOS	77		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C8 FOSA	80		10 - 150	05/11/21 11:21	05/12/21 18:16	1
d3-NMeFOSAA	83		25 - 150	05/11/21 11:21	05/12/21 18:16	1
d5-NEtFOSAA	86		25 - 150	05/11/21 11:21	05/12/21 18:16	1
d-N-MeFOSA-M	61		10 - 150	05/11/21 11:21	05/12/21 18:16	1
d-N-EtFOSA-M	58		10 - 150	05/11/21 11:21	05/12/21 18:16	1
d7-N-MeFOSE-M	87		10 - 150	05/11/21 11:21	05/12/21 18:16	1
d9-N-EtFOSE-M	80		10 - 150	05/11/21 11:21	05/12/21 18:16	1
M2-4:2 FTS	121		25 - 150	05/11/21 11:21	05/12/21 18:16	1
M2-6:2 FTS	119		25 - 150	05/11/21 11:21	05/12/21 18:16	1
M2-8:2 FTS	111		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C3 HFPO-DA	97		25 - 150	05/11/21 11:21	05/12/21 18:16	1
13C2 10:2 FTS	89		25 - 150	05/11/21 11:21	05/12/21 18:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		22	9.0	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Antimony	<0.43		2.2	0.43	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Arsenic	0.55	J	1.1	0.38	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Barium	9.7		1.1	0.13	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Cadmium	0.083	J	0.22	0.040	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Chromium	5.5		1.1	0.54	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Copper	12		1.1	0.31	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Iron	4900	B	22	11	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Lead	2.3		0.55	0.25	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Manganese	120		1.1	0.16	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Nickel	7.1		1.1	0.32	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Selenium	<0.65		1.1	0.65	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Silver	<0.14		0.55	0.14	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1
Thallium	0.70	J	1.1	0.55	mg/Kg	✱	05/13/21 17:31	05/14/21 13:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0065		0.020	0.0065	mg/Kg	✱	05/14/21 14:30	05/17/21 07:56	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: FB-03-210503

Lab Sample ID: 500-198702-8

Date Collected: 05/03/21 13:20

Matrix: Water

Date Received: 05/06/21 07:59

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.3	2.1	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluoropentanoic acid (PFPeA)	<0.42		1.7	0.42	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorohexanoic acid (PFHxA)	<0.50		1.7	0.50	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluoroheptanoic acid (PFHpA)	<0.21		1.7	0.21	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorooctanoic acid (PFOA)	<0.73		1.7	0.73	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorononanoic acid (PFNA)	<0.23		1.7	0.23	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorodecanoic acid (PFDA)	<0.27		1.7	0.27	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluoroundecanoic acid (PFUnA)	<0.95		1.7	0.95	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorododecanoic acid (PFDoA)	<0.47		1.7	0.47	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorotridecanoic acid (PFTrDA)	<1.1		1.7	1.1	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorotetradecanoic acid (PFTeA)	<0.63		1.7	0.63	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorobutanesulfonic acid (PFBS)	<0.17		1.7	0.17	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.26		1.7	0.26	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorohexanesulfonic acid (PFHxS)	<0.49		1.7	0.49	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.16		1.7	0.16	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorooctanesulfonic acid (PFOS)	<0.46		1.7	0.46	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorononanesulfonic acid (PFNS)	<0.32		1.7	0.32	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorodecanesulfonic acid (PFDS)	<0.27		1.7	0.27	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorododecanesulfonic acid (PFDoS)	<0.83		1.7	0.83	ng/L		05/11/21 04:34	05/12/21 07:38	1
Perfluorooctanesulfonamide (FOSA)	<0.84		1.7	0.84	ng/L		05/11/21 04:34	05/12/21 07:38	1
NEtFOSA	<0.75		1.7	0.75	ng/L		05/11/21 04:34	05/12/21 07:38	1
NMeFOSA	<0.37		1.7	0.37	ng/L		05/11/21 04:34	05/12/21 07:38	1
NMeFOSAA	<1.0		4.3	1.0	ng/L		05/11/21 04:34	05/12/21 07:38	1
NEtFOSAA	<1.1		4.3	1.1	ng/L		05/11/21 04:34	05/12/21 07:38	1
NMeFOSE	<1.2		3.4	1.2	ng/L		05/11/21 04:34	05/12/21 07:38	1
NEtFOSE	<0.73		1.7	0.73	ng/L		05/11/21 04:34	05/12/21 07:38	1
4:2 FTS	<0.21		1.7	0.21	ng/L		05/11/21 04:34	05/12/21 07:38	1
6:2 FTS	<2.1		4.3	2.1	ng/L		05/11/21 04:34	05/12/21 07:38	1
8:2 FTS	<0.40		1.7	0.40	ng/L		05/11/21 04:34	05/12/21 07:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.34		1.7	0.34	ng/L		05/11/21 04:34	05/12/21 07:38	1
HFPO-DA (GenX)	<1.3		3.4	1.3	ng/L		05/11/21 04:34	05/12/21 07:38	1
9Cl-PF3ONS	<0.21		1.7	0.21	ng/L		05/11/21 04:34	05/12/21 07:38	1
11Cl-PF3OUdS	<0.27		1.7	0.27	ng/L		05/11/21 04:34	05/12/21 07:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C5 PFPeA	92		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C2 PFHxA	90		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C4 PFHpA	96		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C4 PFOA	100		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C5 PFNA	101		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C2 PFDA	94		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C2 PFUnA	105		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C2 PFDoA	100		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C2 PFTeDA	80		25 - 150				05/11/21 04:34	05/12/21 07:38	1
13C3 PFBS	88		25 - 150				05/11/21 04:34	05/12/21 07:38	1
18O2 PFHxS	94		25 - 150				05/11/21 04:34	05/12/21 07:38	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: FB-03-210503

Lab Sample ID: 500-198702-8

Date Collected: 05/03/21 13:20

Matrix: Water

Date Received: 05/06/21 07:59

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	91		25 - 150	05/11/21 04:34	05/12/21 07:38	1
13C8 FOSA	105		10 - 150	05/11/21 04:34	05/12/21 07:38	1
d3-NMeFOSAA	102		25 - 150	05/11/21 04:34	05/12/21 07:38	1
d5-NEtFOSAA	104		25 - 150	05/11/21 04:34	05/12/21 07:38	1
d-N-MeFOSA-M	76		10 - 150	05/11/21 04:34	05/12/21 07:38	1
d-N-EtFOSA-M	75		10 - 150	05/11/21 04:34	05/12/21 07:38	1
d7-N-MeFOSE-M	88		10 - 150	05/11/21 04:34	05/12/21 07:38	1
d9-N-EtFOSE-M	84		10 - 150	05/11/21 04:34	05/12/21 07:38	1
M2-4:2 FTS	109		25 - 150	05/11/21 04:34	05/12/21 07:38	1
M2-6:2 FTS	119		25 - 150	05/11/21 04:34	05/12/21 07:38	1
M2-8:2 FTS	120		25 - 150	05/11/21 04:34	05/12/21 07:38	1
13C3 HFPO-DA	87		25 - 150	05/11/21 04:34	05/12/21 07:38	1
13C2 10:2 FTS	104		25 - 150	05/11/21 04:34	05/12/21 07:38	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Date Collected: 05/03/21 14:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Bromobenzene	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Bromochloromethane	<32		75	32	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Bromodichloromethane	<28		75	28	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Bromoform	<36		75	36	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Bromomethane	<60		220	60	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Carbon tetrachloride	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Chlorobenzene	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Chloroethane	<38		75	38	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Chloroform	<28		150	28	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Chloromethane	<24		75	24	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
2-Chlorotoluene	<23		75	23	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
4-Chlorotoluene	<26		75	26	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
cis-1,2-Dichloroethene	<31		75	31	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
cis-1,3-Dichloropropene	<31		75	31	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Dibromochloromethane	<37		75	37	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2-Dibromoethane	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Dibromomethane	<20		75	20	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2-Dichlorobenzene	<25		75	25	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,3-Dichlorobenzene	<30		75	30	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,4-Dichlorobenzene	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1-Dichloroethane	<31		75	31	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2-Dichloroethane	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1-Dichloroethene	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2-Dichloropropane	<32		75	32	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,3-Dichloropropane	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
2,2-Dichloropropane	<33		75	33	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1-Dichloropropene	<22		75	22	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Ethylbenzene	<14		19	14	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Hexachlorobutadiene	<33		75	33	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Isopropylbenzene	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Isopropyl ether	<21		75	21	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Methylene Chloride	<120		370	120	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Methyl tert-butyl ether	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Naphthalene	<25		75	25	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
n-Butylbenzene	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
N-Propylbenzene	<31		75	31	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
p-Isopropyltoluene	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
sec-Butylbenzene	<30		75	30	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Styrene	<29		75	29	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
tert-Butylbenzene	<30		75	30	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1,1,2-Tetrachloroethane	<35		75	35	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1,2,2-Tetrachloroethane	<30		75	30	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Tetrachloroethene	<28		75	28	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Toluene	<11		19	11	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
trans-1,2-Dichloroethene	<26		75	26	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
trans-1,3-Dichloropropene	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Date Collected: 05/03/21 14:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		75	34	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2,4-Trichlorobenzene	<26		75	26	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1,1-Trichloroethane	<28		75	28	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,1,2-Trichloroethane	<26		75	26	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Trichloroethene	<12		37	12	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Trichlorofluoromethane	<32		75	32	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,2,4-Trimethylbenzene	<27		75	27	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
1,3,5-Trimethylbenzene	<28		75	28	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Vinyl chloride	<20		75	20	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Xylenes, Total	<16		37	16	ug/Kg	☼	05/07/21 20:21	05/14/21 16:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 126				05/07/21 20:21	05/14/21 16:00	50
Toluene-d8 (Surr)	94		75 - 120				05/07/21 20:21	05/14/21 16:00	50
4-Bromofluorobenzene (Surr)	105		72 - 124				05/07/21 20:21	05/14/21 16:00	50
Dibromofluoromethane (Surr)	95		75 - 120				05/07/21 20:21	05/14/21 16:00	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	37	J	40	7.3	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Acenaphthylene	12	J	40	5.3	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Anthracene	21	J	40	6.7	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Benzo[a]anthracene	74		40	5.4	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Benzo[a]pyrene	61		40	7.8	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Benzo[b]fluoranthene	67		40	8.7	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Benzo[g,h,i]perylene	51		40	13	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Benzo[k]fluoranthene	39	J	40	12	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Chrysene	78		40	11	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Fluoranthene	160		40	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Fluorene	16	J	40	5.7	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Indeno[1,2,3-cd]pyrene	36	J	40	10	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
1-Methylnaphthalene	41	J	81	9.9	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
2-Methylnaphthalene	13	J	81	7.4	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Naphthalene	7.4	J	40	6.2	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Phenanthrene	140		40	5.6	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Pyrene	170		40	8.0	ug/Kg	☼	05/13/21 08:04	05/13/21 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		43 - 145				05/13/21 08:04	05/13/21 23:20	1
Nitrobenzene-d5 (Surr)	91		37 - 147				05/13/21 08:04	05/13/21 23:20	1
Terphenyl-d14 (Surr)	151		42 - 157				05/13/21 08:04	05/13/21 23:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	☼	05/14/21 07:33	05/14/21 22:11	1
PCB-1221	<9.1		21	9.1	ug/Kg	☼	05/14/21 07:33	05/14/21 22:11	1
PCB-1232	<9.1		21	9.1	ug/Kg	☼	05/14/21 07:33	05/14/21 22:11	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	05/14/21 07:33	05/14/21 22:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Date Collected: 05/03/21 14:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 80.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.2		21	8.2	ug/Kg	✱	05/14/21 07:33	05/14/21 22:11	1
PCB-1254	<4.5		21	4.5	ug/Kg	✱	05/14/21 07:33	05/14/21 22:11	1
PCB-1260	<10		21	10	ug/Kg	✱	05/14/21 07:33	05/14/21 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		49 - 129				05/14/21 07:33	05/14/21 22:11	1
DCB Decachlorobiphenyl	81		37 - 121				05/14/21 07:33	05/14/21 22:11	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.24	0.033	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoropentanoic acid (PFPeA)	<0.091		0.24	0.091	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoroheptanoic acid (PFHpA)	0.077	J	0.24	0.034	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorooctanoic acid (PFOA)	1.3		0.24	0.10	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorononanoic acid (PFNA)	<0.042		0.24	0.042	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.24	0.042	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorododecanoic acid (PFDoA)	<0.079		0.24	0.079	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorotridecanoic acid (PFTTrDA)	<0.060		0.24	0.060	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorotetradecanoic acid (PFTTeA)	<0.064		0.24	0.064	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.24	0.029	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.24	0.041	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.59	0.24	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluoronanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Perfluorooctanesulfonamide (FOSA)	<0.097		0.24	0.097	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NEtFOSA	<0.028		0.24	0.028	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NMeFOSA	<0.048		0.24	0.048	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NMeFOSE	<0.084		0.24	0.084	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
NEtFOSE	<0.042		0.24	0.042	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
8:2 FTS	<0.29		2.4	0.29	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.24	0.021	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✱	05/11/21 11:21	05/12/21 18:26	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				05/11/21 11:21	05/12/21 18:26	1
13C5 PFPeA	98		25 - 150				05/11/21 11:21	05/12/21 18:26	1
13C2 PFHxA	86		25 - 150				05/11/21 11:21	05/12/21 18:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Date Collected: 05/03/21 14:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 80.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	95		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C4 PFOA	91		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C5 PFNA	96		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C2 PFDA	81		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C2 PFUnA	81		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C2 PFDoA	75		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C2 PFTeDA	67		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C3 PFBS	79		25 - 150	05/11/21 11:21	05/12/21 18:26	1
18O2 PFHxS	79		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C4 PFOS	72		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C8 FOSA	79		10 - 150	05/11/21 11:21	05/12/21 18:26	1
d3-NMeFOSAA	82		25 - 150	05/11/21 11:21	05/12/21 18:26	1
d5-NEtFOSAA	84		25 - 150	05/11/21 11:21	05/12/21 18:26	1
d-N-MeFOSA-M	65		10 - 150	05/11/21 11:21	05/12/21 18:26	1
d-N-EtFOSA-M	54		10 - 150	05/11/21 11:21	05/12/21 18:26	1
d7-N-MeFOSE-M	85		10 - 150	05/11/21 11:21	05/12/21 18:26	1
d9-N-EtFOSE-M	77		10 - 150	05/11/21 11:21	05/12/21 18:26	1
M2-4:2 FTS	130		25 - 150	05/11/21 11:21	05/12/21 18:26	1
M2-6:2 FTS	111		25 - 150	05/11/21 11:21	05/12/21 18:26	1
M2-8:2 FTS	100		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C3 HFPO-DA	96		25 - 150	05/11/21 11:21	05/12/21 18:26	1
13C2 10:2 FTS	82		25 - 150	05/11/21 11:21	05/12/21 18:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6400		22	9.2	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Antimony	<0.44		2.2	0.44	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Arsenic	2.5		1.1	0.38	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Barium	57		1.1	0.13	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Cadmium	0.073	J	0.22	0.040	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Chromium	10		1.1	0.55	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Copper	15		1.1	0.31	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Iron	8600	B	22	12	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Lead	64		0.56	0.26	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Manganese	160		1.1	0.16	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Nickel	10		1.1	0.33	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Selenium	<0.66		1.1	0.66	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Silver	0.16	J	0.56	0.14	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1
Thallium	<0.56		1.1	0.56	mg/Kg	☆	05/13/21 17:31	05/14/21 13:50	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060		0.020	0.0066	mg/Kg	☆	05/14/21 14:30	05/17/21 07:58	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Bromobenzene	<25		71	25	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Bromochloromethane	<30		71	30	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Bromodichloromethane	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Bromoform	<34		71	34	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Bromomethane	<57		210	57	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Carbon tetrachloride	<27		71	27	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Chlorobenzene	<27		71	27	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Chloroethane	<36		71	36	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Chloroform	<26		140	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Chloromethane	<23		71	23	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
2-Chlorotoluene	<22		71	22	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
4-Chlorotoluene	<25		71	25	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
cis-1,3-Dichloropropene	<30		71	30	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Dibromochloromethane	<35		71	35	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,2-Dibromo-3-Chloropropane	<140		360	140	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,2-Dibromoethane	<27		71	27	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Dibromomethane	<19		71	19	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,3-Dichlorobenzene	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,1-Dichloroethane	<29		71	29	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,2-Dichloroethane	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,1-Dichloroethene	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,2-Dichloropropane	<30		71	30	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,3-Dichloropropane	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
2,2-Dichloropropane	<32		71	32	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,1-Dichloropropene	<21		71	21	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Ethylbenzene	<13		18	13	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Hexachlorobutadiene	<32		71	32	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Isopropylbenzene	<27		71	27	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Isopropyl ether	<20		71	20	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Methylene Chloride	<120		360	120	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Naphthalene	<24		71	24	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
n-Butylbenzene	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
N-Propylbenzene	<29		71	29	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
p-Isopropyltoluene	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
sec-Butylbenzene	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Styrene	<27		71	27	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
tert-Butylbenzene	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Tetrachloroethene	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
Toluene	<10		18	10	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	✱	05/07/21 20:22	05/14/21 16:25	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		71	33	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,1,1-Trichloroethane	<27		71	27	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
Trichloroethene	<12		36	12	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
Trichlorofluoromethane	<30		71	30	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,2,4-Trimethylbenzene	<25		71	25	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
Vinyl chloride	<19		71	19	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
Xylenes, Total	<16		36	16	ug/Kg	☼	05/07/21 20:22	05/14/21 16:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 126				05/07/21 20:22	05/14/21 16:25	50
Toluene-d8 (Surr)	93		75 - 120				05/07/21 20:22	05/14/21 16:25	50
4-Bromofluorobenzene (Surr)	107		72 - 124				05/07/21 20:22	05/14/21 16:25	50
Dibromofluoromethane (Surr)	94		75 - 120				05/07/21 20:22	05/14/21 16:25	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Acenaphthylene	<5.1		39	5.1	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Anthracene	<6.5		39	6.5	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Benzo[a]pyrene	<7.6		39	7.6	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Benzo[b]fluoranthene	<8.4		39	8.4	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Chrysene	<11		39	11	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Dibenz(a,h)anthracene	<7.5		39	7.5	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Fluoranthene	<7.2		39	7.2	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
1-Methylnaphthalene	<9.5		79	9.5	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
2-Methylnaphthalene	<7.2		79	7.2	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Naphthalene	<6.0		39	6.0	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Phenanthrene	<5.4		39	5.4	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Pyrene	<7.8		39	7.8	ug/Kg	☼	05/13/21 08:04	05/13/21 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		43 - 145				05/13/21 08:04	05/13/21 23:41	1
Nitrobenzene-d5 (Surr)	88		37 - 147				05/13/21 08:04	05/13/21 23:41	1
Terphenyl-d14 (Surr)	122		42 - 157				05/13/21 08:04	05/13/21 23:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	05/14/21 07:33	05/14/21 22:26	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	05/14/21 07:33	05/14/21 22:26	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	05/14/21 07:33	05/14/21 22:26	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	05/14/21 07:33	05/14/21 22:26	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	✱	05/14/21 07:33	05/14/21 22:26	1
PCB-1254	<4.3		20	4.3	ug/Kg	✱	05/14/21 07:33	05/14/21 22:26	1
PCB-1260	<9.7		20	9.7	ug/Kg	✱	05/14/21 07:33	05/14/21 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		49 - 129				05/14/21 07:33	05/14/21 22:26	1
DCB Decachlorobiphenyl	66		37 - 121				05/14/21 07:33	05/14/21 22:26	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoropentanoic acid (PFPeA)	<0.088		0.23	0.088	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorooctanoic acid (PFOA)	0.96		0.23	0.099	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorotridecanoic acid (PFTTrDA)	<0.058		0.23	0.058	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorotetradecanoic acid (PFTTeA)	<0.062		0.23	0.062	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Perfluorooctanesulfonamide (FOSA)	<0.094		0.23	0.094	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 18:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	110		25 - 150				05/10/21 11:33	05/11/21 18:01	1
13C5 PFPeA	108		25 - 150				05/10/21 11:33	05/11/21 18:01	1
13C2 PFHxA	102		25 - 150				05/10/21 11:33	05/11/21 18:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.5

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	107		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C4 PFOA	104		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C5 PFNA	105		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C2 PFDA	107		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C2 PFUnA	107		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C2 PFDoA	100		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C2 PFTeDA	88		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C3 PFBS	94		25 - 150	05/10/21 11:33	05/11/21 18:01	1
18O2 PFHxS	92		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C4 PFOS	94		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C8 FOSA	90		10 - 150	05/10/21 11:33	05/11/21 18:01	1
d3-NMeFOSAA	94		25 - 150	05/10/21 11:33	05/11/21 18:01	1
d5-NEtFOSAA	103		25 - 150	05/10/21 11:33	05/11/21 18:01	1
d-N-MeFOSA-M	71		10 - 150	05/10/21 11:33	05/11/21 18:01	1
d-N-EtFOSA-M	72		10 - 150	05/10/21 11:33	05/11/21 18:01	1
d7-N-MeFOSE-M	96		10 - 150	05/10/21 11:33	05/11/21 18:01	1
d9-N-EtFOSE-M	101		10 - 150	05/10/21 11:33	05/11/21 18:01	1
M2-4:2 FTS	101		25 - 150	05/10/21 11:33	05/11/21 18:01	1
M2-6:2 FTS	106		25 - 150	05/10/21 11:33	05/11/21 18:01	1
M2-8:2 FTS	122		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C3 HFPO-DA	102		25 - 150	05/10/21 11:33	05/11/21 18:01	1
13C2 10:2 FTS	117		25 - 150	05/10/21 11:33	05/11/21 18:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9700		22	9.2	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Antimony	<0.44		2.2	0.44	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Arsenic	2.4		1.1	0.38	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Barium	37		1.1	0.13	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Cadmium	0.067	J	0.22	0.040	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Chromium	17		1.1	0.56	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Copper	16		1.1	0.31	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Iron	13000	B	22	12	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Lead	5.6		0.56	0.26	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Manganese	290		1.1	0.16	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Nickel	16		1.1	0.33	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Selenium	<0.66		1.1	0.66	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Silver	0.18	J	0.56	0.14	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1
Thallium	1.0	J	1.1	0.56	mg/Kg	☆	05/13/21 17:31	05/14/21 14:00	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.019	0.0064	mg/Kg	☆	05/14/21 14:30	05/17/21 08:17	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Bromobenzene	<25		72	25	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Bromochloromethane	<31		72	31	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Bromodichloromethane	<27		72	27	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Bromoform	<35		72	35	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Bromomethane	<57		210	57	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Carbon tetrachloride	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Chlorobenzene	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Chloroethane	<36		72	36	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Chloroform	<27		140	27	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Chloromethane	<23		72	23	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
2-Chlorotoluene	<22		72	22	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
4-Chlorotoluene	<25		72	25	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
cis-1,2-Dichloroethene	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
cis-1,3-Dichloropropene	<30		72	30	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Dibromochloromethane	<35		72	35	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,2-Dibromo-3-Chloropropane	<140		360	140	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,2-Dibromoethane	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Dibromomethane	<19		72	19	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,2-Dichlorobenzene	<24		72	24	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,3-Dichlorobenzene	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,4-Dichlorobenzene	<26		72	26	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,1-Dichloroethane	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,2-Dichloroethane	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,1-Dichloroethene	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,2-Dichloropropane	<31		72	31	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,3-Dichloropropane	<26		72	26	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
2,2-Dichloropropane	<32		72	32	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,1-Dichloropropene	<21		72	21	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Ethylbenzene	<13		18	13	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Hexachlorobutadiene	<32		72	32	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Isopropylbenzene	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Isopropyl ether	<20		72	20	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Methylene Chloride	<120		360	120	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Methyl tert-butyl ether	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Naphthalene	<24		72	24	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
n-Butylbenzene	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
N-Propylbenzene	<30		72	30	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
p-Isopropyltoluene	<26		72	26	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
sec-Butylbenzene	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Styrene	<28		72	28	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
tert-Butylbenzene	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,1,1,2-Tetrachloroethane	<33		72	33	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
1,1,2,2-Tetrachloroethane	<29		72	29	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Tetrachloroethene	<27		72	27	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
Toluene	<11		18	11	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
trans-1,2-Dichloroethene	<25		72	25	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50
trans-1,3-Dichloropropene	<26		72	26	ug/Kg	✱	05/07/21 20:24	05/14/21 16:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		72	33	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,2,4-Trichlorobenzene	<24		72	24	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,1,1-Trichloroethane	<27		72	27	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,1,2-Trichloroethane	<25		72	25	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
Trichloroethene	<12		36	12	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
Trichlorofluoromethane	<31		72	31	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,2,3-Trichloropropane	<30		140	30	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,2,4-Trimethylbenzene	<26		72	26	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
1,3,5-Trimethylbenzene	<27		72	27	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
Vinyl chloride	<19		72	19	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
Xylenes, Total	<16		36	16	ug/Kg	☼	05/07/21 20:24	05/14/21 16:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 126				05/07/21 20:24	05/14/21 16:51	50
Toluene-d8 (Surr)	94		75 - 120				05/07/21 20:24	05/14/21 16:51	50
4-Bromofluorobenzene (Surr)	106		72 - 124				05/07/21 20:24	05/14/21 16:51	50
Dibromofluoromethane (Surr)	94		75 - 120				05/07/21 20:24	05/14/21 16:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.2		40	7.2	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Anthracene	<6.7		40	6.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Benzo[a]pyrene	<7.8		40	7.8	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Benzo[b]fluoranthene	<8.7		40	8.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Chrysene	<11		40	11	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Fluoranthene	<7.5		40	7.5	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
1-Methylnaphthalene	<9.8		81	9.8	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Phenanthrene	<5.6		40	5.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Pyrene	<8.0		40	8.0	ug/Kg	☼	05/13/21 08:04	05/14/21 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145				05/13/21 08:04	05/14/21 00:02	1
Nitrobenzene-d5 (Surr)	90		37 - 147				05/13/21 08:04	05/14/21 00:02	1
Terphenyl-d14 (Surr)	158	S1+	42 - 157				05/13/21 08:04	05/14/21 00:02	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
PCB-1221	<8.9		20	8.9	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
PCB-1232	<8.8		20	8.8	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.0		20	8.0	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
PCB-1260	<9.9		20	9.9	ug/Kg	☼	05/14/21 07:33	05/14/21 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		49 - 129				05/14/21 07:33	05/14/21 22:42	1
DCB Decachlorobiphenyl	86		37 - 121				05/14/21 07:33	05/14/21 22:42	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.22	0.030	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoropentanoic acid (PFPeA)	<0.083		0.22	0.083	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.22	0.045	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.22	0.031	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorooctanoic acid (PFOA)	0.61		0.22	0.093	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorododecanoic acid (PFDoA)	<0.072		0.22	0.072	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorotridecanoic acid (PFTTrDA)	<0.055		0.22	0.055	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorotetradecanoic acid (PFTTeA)	<0.058		0.22	0.058	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.22	0.033	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.54	0.22	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.22	0.042	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Perfluorooctanesulfonamide (FOSA)	<0.088		0.22	0.088	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NMeFOSA	<0.044		0.22	0.044	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NMeFOSAA	<0.42		2.2	0.42	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NEtFOSAA	<0.40		2.2	0.40	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NMeFOSE	<0.076		0.22	0.076	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019		0.22	0.019	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
9Cl-PF3ONS	<0.029		0.22	0.029	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
11Cl-PF3OUdS	<0.024		0.22	0.024	ug/Kg	☼	05/10/21 11:33	05/11/21 18:10	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	108		25 - 150				05/10/21 11:33	05/11/21 18:10	1
13C5 PFPeA	100		25 - 150				05/10/21 11:33	05/11/21 18:10	1
13C2 PFHxA	102		25 - 150				05/10/21 11:33	05/11/21 18:10	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	104		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C4 PFOA	101		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C5 PFNA	110		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C2 PFDA	102		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C2 PFUnA	104		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C2 PFDoA	98		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C2 PFTeDA	88		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C3 PFBS	92		25 - 150	05/10/21 11:33	05/11/21 18:10	1
18O2 PFHxS	89		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C4 PFOS	90		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C8 FOSA	96		10 - 150	05/10/21 11:33	05/11/21 18:10	1
d3-NMeFOSAA	97		25 - 150	05/10/21 11:33	05/11/21 18:10	1
d5-NEtFOSAA	97		25 - 150	05/10/21 11:33	05/11/21 18:10	1
d-N-MeFOSA-M	76		10 - 150	05/10/21 11:33	05/11/21 18:10	1
d-N-EtFOSA-M	79		10 - 150	05/10/21 11:33	05/11/21 18:10	1
d7-N-MeFOSE-M	87		10 - 150	05/10/21 11:33	05/11/21 18:10	1
d9-N-EtFOSE-M	95		10 - 150	05/10/21 11:33	05/11/21 18:10	1
M2-4:2 FTS	93		25 - 150	05/10/21 11:33	05/11/21 18:10	1
M2-6:2 FTS	103		25 - 150	05/10/21 11:33	05/11/21 18:10	1
M2-8:2 FTS	106		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C3 HFPO-DA	103		25 - 150	05/10/21 11:33	05/11/21 18:10	1
13C2 10:2 FTS	106		25 - 150	05/10/21 11:33	05/11/21 18:10	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		22	8.9	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Antimony	<0.42		2.2	0.42	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Arsenic	2.7		1.1	0.37	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Barium	40		1.1	0.12	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Cadmium	0.043	J	0.22	0.039	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Chromium	18		1.1	0.54	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Copper	17		1.1	0.30	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Iron	14000	B	22	11	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Lead	5.5		0.54	0.25	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Manganese	290		1.1	0.16	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Nickel	17		1.1	0.32	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Selenium	<0.64		1.1	0.64	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Silver	0.27	J	0.54	0.14	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1
Thallium	0.91	J	1.1	0.54	mg/Kg	✱	05/13/21 17:31	05/14/21 14:03	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.019	0.0064	mg/Kg	✱	05/14/21 14:30	05/17/21 08:19	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Bromobenzene	<25		71	25	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Bromochloromethane	<30		71	30	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Bromodichloromethane	<27		71	27	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Bromoform	<34		71	34	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Bromomethane	<57	*+	210	57	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Carbon tetrachloride	<27		71	27	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Chlorobenzene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Chloroethane	<36	*+	71	36	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Chloroform	<26		140	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Chloromethane	<23		71	23	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
2-Chlorotoluene	<22		71	22	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
4-Chlorotoluene	<25		71	25	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
cis-1,3-Dichloropropene	<30		71	30	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Dibromochloromethane	<35		71	35	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2-Dibromo-3-Chloropropane	<140	*-	360	140	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2-Dibromoethane	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Dibromomethane	<19		71	19	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,3-Dichlorobenzene	<29		71	29	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1-Dichloroethane	<29		71	29	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2-Dichloroethane	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1-Dichloroethene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2-Dichloropropane	<30		71	30	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,3-Dichloropropane	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
2,2-Dichloropropane	<32		71	32	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1-Dichloropropene	<21		71	21	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Ethylbenzene	<13		18	13	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Hexachlorobutadiene	<32		71	32	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Isopropylbenzene	<27		71	27	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Isopropyl ether	<20		71	20	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Methylene Chloride	<120		360	120	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Naphthalene	<24		71	24	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
n-Butylbenzene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
N-Propylbenzene	<29		71	29	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
p-Isopropyltoluene	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
sec-Butylbenzene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Styrene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
tert-Butylbenzene	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Tetrachloroethene	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Toluene	<10		18	10	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		71	33	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1,1-Trichloroethane	<27		71	27	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Trichloroethene	<12		36	12	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Trichlorofluoromethane	<30		71	30	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,2,4-Trimethylbenzene	<26		71	26	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Vinyl chloride	<19		71	19	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Xylenes, Total	<16		36	16	ug/Kg	☼	05/04/21 10:15	05/14/21 20:18	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/04/21 10:15	05/14/21 20:18	50
Dibromofluoromethane (Surr)	83		75 - 120				05/04/21 10:15	05/14/21 20:18	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				05/04/21 10:15	05/14/21 20:18	50
Toluene-d8 (Surr)	93		75 - 120				05/04/21 10:15	05/14/21 20:18	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Benzo[a]pyrene	<7.7		39	7.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Benzo[b]fluoranthene	<8.6		39	8.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Chrysene	<11		39	11	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Fluoranthene	<7.4		39	7.4	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Pyrene	<7.9		39	7.9	ug/Kg	☼	05/13/21 08:04	05/14/21 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		43 - 145				05/13/21 08:04	05/14/21 00:22	1
Nitrobenzene-d5 (Surr)	92		37 - 147				05/13/21 08:04	05/14/21 00:22	1
Terphenyl-d14 (Surr)	161	S1+	42 - 157				05/13/21 08:04	05/14/21 00:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.1		20	7.1	ug/Kg	☼	05/14/21 07:33	05/14/21 22:57	1
PCB-1221	<8.8		20	8.8	ug/Kg	☼	05/14/21 07:33	05/14/21 22:57	1
PCB-1232	<8.7		20	8.7	ug/Kg	☼	05/14/21 07:33	05/14/21 22:57	1
PCB-1242	<6.6		20	6.6	ug/Kg	☼	05/14/21 07:33	05/14/21 22:57	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.9		20	7.9	ug/Kg	✱	05/14/21 07:33	05/14/21 22:57	1
PCB-1254	<4.3		20	4.3	ug/Kg	✱	05/14/21 07:33	05/14/21 22:57	1
PCB-1260	<9.8		20	9.8	ug/Kg	✱	05/14/21 07:33	05/14/21 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	168	S1+	49 - 129				05/14/21 07:33	05/14/21 22:57	1
DCB Decachlorobiphenyl	165	S1+	37 - 121				05/14/21 07:33	05/14/21 22:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.23	0.033	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoropentanoic acid (PFPeA)	<0.090		0.23	0.090	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.23	0.049	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.23	0.034	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorooctanoic acid (PFOA)	0.62		0.23	0.10	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorodecanoic acid (PFDA)	<0.026		0.23	0.026	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorododecanoic acid (PFDoA)	<0.078		0.23	0.078	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorotetradecanoic acid (PFTTeA)	<0.063		0.23	0.063	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.070		0.23	0.070	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NMeFOSA	<0.048		0.23	0.048	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NMeFOSE	<0.083		0.23	0.083	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
11Cl-PF3OUdS	<0.026		0.23	0.026	ug/Kg	✱	05/10/21 11:33	05/11/21 18:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	110		25 - 150				05/10/21 11:33	05/11/21 18:19	1
13C5 PFPeA	107		25 - 150				05/10/21 11:33	05/11/21 18:19	1
13C2 PFHxA	100		25 - 150				05/10/21 11:33	05/11/21 18:19	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.8

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	105		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C4 PFOA	102		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C5 PFNA	103		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C2 PFDA	103		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C2 PFUnA	103		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C2 PFDoA	101		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C2 PFTeDA	87		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C3 PFBS	91		25 - 150	05/10/21 11:33	05/11/21 18:19	1
18O2 PFHxS	88		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C4 PFOS	90		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C8 FOSA	91		10 - 150	05/10/21 11:33	05/11/21 18:19	1
d3-NMeFOSAA	85		25 - 150	05/10/21 11:33	05/11/21 18:19	1
d5-NEtFOSAA	90		25 - 150	05/10/21 11:33	05/11/21 18:19	1
d-N-MeFOSA-M	61		10 - 150	05/10/21 11:33	05/11/21 18:19	1
d-N-EtFOSA-M	77		10 - 150	05/10/21 11:33	05/11/21 18:19	1
d7-N-MeFOSE-M	85		10 - 150	05/10/21 11:33	05/11/21 18:19	1
d9-N-EtFOSE-M	93		10 - 150	05/10/21 11:33	05/11/21 18:19	1
M2-4:2 FTS	98		25 - 150	05/10/21 11:33	05/11/21 18:19	1
M2-6:2 FTS	102		25 - 150	05/10/21 11:33	05/11/21 18:19	1
M2-8:2 FTS	112		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C3 HFPO-DA	109		25 - 150	05/10/21 11:33	05/11/21 18:19	1
13C2 10:2 FTS	105		25 - 150	05/10/21 11:33	05/11/21 18:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		20	8.3	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Antimony	<0.40		2.0	0.40	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Arsenic	3.8		1.0	0.35	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Barium	40		1.0	0.12	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Cadmium	0.082	J	0.20	0.037	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Chromium	17		1.0	0.51	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Copper	27		1.0	0.29	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Iron	17000	B	20	11	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Lead	6.4		0.51	0.24	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Manganese	380		1.0	0.15	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Nickel	24		1.0	0.30	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Selenium	<0.60		1.0	0.60	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Silver	0.28	J	0.51	0.13	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1
Thallium	0.93	J	1.0	0.51	mg/Kg	☆	05/13/21 17:31	05/14/21 14:06	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.017	0.0058	mg/Kg	☆	05/14/21 14:30	05/17/21 08:21	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Bromobenzene	<26		73	26	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Bromochloromethane	<31		73	31	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Bromodichloromethane	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Bromoform	<36		73	36	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Bromomethane	<58		220	58	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Carbon tetrachloride	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Chlorobenzene	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Chloroethane	<37		73	37	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Chloroform	<27		150	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Chloromethane	<23		73	23	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
2-Chlorotoluene	<23		73	23	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
4-Chlorotoluene	<26		73	26	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
cis-1,2-Dichloroethene	<30		73	30	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
cis-1,3-Dichloropropene	<31		73	31	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Dibromochloromethane	<36		73	36	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,2-Dibromo-3-Chloropropane	<150	*	370	150	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,2-Dibromoethane	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Dibromomethane	<20		73	20	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,2-Dichlorobenzene	<25		73	25	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,3-Dichlorobenzene	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,4-Dichlorobenzene	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Dichlorodifluoromethane	<49		220	49	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,1-Dichloroethane	<30		73	30	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,2-Dichloroethane	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,1-Dichloroethene	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,2-Dichloropropane	<31		73	31	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,3-Dichloropropane	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
2,2-Dichloropropane	<33		73	33	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,1-Dichloropropene	<22		73	22	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Ethylbenzene	<13		18	13	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Hexachlorobutadiene	<33		73	33	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Isopropylbenzene	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Isopropyl ether	<20		73	20	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Methylene Chloride	<120		370	120	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Methyl tert-butyl ether	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Naphthalene	<25		73	25	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
n-Butylbenzene	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
N-Propylbenzene	<30		73	30	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
p-Isopropyltoluene	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
sec-Butylbenzene	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Styrene	<28		73	28	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
tert-Butylbenzene	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,1,1,2-Tetrachloroethane	<34		73	34	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
1,1,1,2,2-Tetrachloroethane	<29		73	29	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Tetrachloroethene	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
Toluene	<11		18	11	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
trans-1,2-Dichloroethene	<26		73	26	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50
trans-1,3-Dichloropropene	<27		73	27	ug/Kg	✳	05/07/21 20:25	05/14/21 20:45	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		73	34	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,2,4-Trichlorobenzene	<25		73	25	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,1,1-Trichloroethane	<28		73	28	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,1,2-Trichloroethane	<26		73	26	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
Trichloroethene	<12		37	12	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
Trichlorofluoromethane	<31		73	31	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,2,3-Trichloropropane	<30		150	30	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,2,4-Trimethylbenzene	<26		73	26	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
1,3,5-Trimethylbenzene	<28		73	28	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
Vinyl chloride	<19		73	19	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
Xylenes, Total	<16		37	16	ug/Kg	☼	05/07/21 20:25	05/14/21 20:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 126				05/07/21 20:25	05/14/21 20:45	50
Toluene-d8 (Surr)	93		75 - 120				05/07/21 20:25	05/14/21 20:45	50
4-Bromofluorobenzene (Surr)	84		72 - 124				05/07/21 20:25	05/14/21 20:45	50
Dibromofluoromethane (Surr)	83		75 - 120				05/07/21 20:25	05/14/21 20:45	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Benzo[a]pyrene	<7.7		39	7.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Benzo[b]fluoranthene	<8.6		39	8.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Chrysene	<11		39	11	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Fluoranthene	<7.4		39	7.4	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Pyrene	<7.9		39	7.9	ug/Kg	☼	05/13/21 08:04	05/14/21 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		43 - 145				05/13/21 08:04	05/14/21 00:42	1
Nitrobenzene-d5 (Surr)	89		37 - 147				05/13/21 08:04	05/14/21 00:42	1
Terphenyl-d14 (Surr)	145		42 - 157				05/13/21 08:04	05/14/21 00:42	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	05/14/21 07:33	05/14/21 23:13	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	05/14/21 07:33	05/14/21 23:13	1
PCB-1232	<8.7		20	8.7	ug/Kg	☼	05/14/21 07:33	05/14/21 23:13	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	05/14/21 07:33	05/14/21 23:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	✱	05/14/21 07:33	05/14/21 23:13	1
PCB-1254	<4.3		20	4.3	ug/Kg	✱	05/14/21 07:33	05/14/21 23:13	1
PCB-1260	<9.7		20	9.7	ug/Kg	✱	05/14/21 07:33	05/14/21 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		49 - 129				05/14/21 07:33	05/14/21 23:13	1
DCB Decachlorobiphenyl	75		37 - 121				05/14/21 07:33	05/14/21 23:13	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.21	0.030	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoropentanoic acid (PFPeA)	<0.083		0.21	0.083	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.21	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.21	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorooctanoic acid (PFOA)	0.14	J	0.21	0.092	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorononanoic acid (PFNA)	<0.039		0.21	0.039	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorodecanoic acid (PFDA)	<0.024		0.21	0.024	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.21	0.039	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorododecanoic acid (PFDoA)	<0.072		0.21	0.072	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorotridecanoic acid (PFTTrDA)	<0.055		0.21	0.055	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorotetradecanoic acid (PFTTeA)	<0.058		0.21	0.058	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.21	0.027	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.21	0.033	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.21	0.038	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorooctanesulfonic acid (PFOS)	<0.21		0.54	0.21	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluoronanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.21	0.042	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorododecanesulfonic acid (PFDoS)	<0.064		0.21	0.064	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Perfluorooctanesulfonamide (FOSA)	<0.088		0.21	0.088	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NEtFOSA	<0.026		0.21	0.026	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NMeFOSA	<0.044		0.21	0.044	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NMeFOSAA	<0.42		2.1	0.42	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NEtFOSAA	<0.40		2.1	0.40	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NMeFOSE	<0.076		0.21	0.076	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
NEtFOSE	<0.039		0.21	0.039	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
4:2 FTS	<0.40		2.1	0.40	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
8:2 FTS	<0.27		2.1	0.27	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019		0.21	0.019	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
9Cl-PF3ONS	<0.029		0.21	0.029	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
11Cl-PF3OUdS	<0.024		0.21	0.024	ug/Kg	✱	05/10/21 11:33	05/11/21 18:57	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	102		25 - 150				05/10/21 11:33	05/11/21 18:57	1
13C5 PFPeA	103		25 - 150				05/10/21 11:33	05/11/21 18:57	1
13C2 PFHxA	105		25 - 150				05/10/21 11:33	05/11/21 18:57	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	112		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C4 PFOA	104		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C5 PFNA	111		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C2 PFDA	105		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C2 PFUnA	107		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C2 PFDoA	108		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C2 PFTeDA	91		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C3 PFBS	97		25 - 150	05/10/21 11:33	05/11/21 18:57	1
18O2 PFHxS	100		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C4 PFOS	95		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C8 FOSA	101		10 - 150	05/10/21 11:33	05/11/21 18:57	1
d3-NMeFOSAA	96		25 - 150	05/10/21 11:33	05/11/21 18:57	1
d5-NEtFOSAA	104		25 - 150	05/10/21 11:33	05/11/21 18:57	1
d-N-MeFOSA-M	87		10 - 150	05/10/21 11:33	05/11/21 18:57	1
d-N-EtFOSA-M	92		10 - 150	05/10/21 11:33	05/11/21 18:57	1
d7-N-MeFOSE-M	88		10 - 150	05/10/21 11:33	05/11/21 18:57	1
d9-N-EtFOSE-M	101		10 - 150	05/10/21 11:33	05/11/21 18:57	1
M2-4:2 FTS	104		25 - 150	05/10/21 11:33	05/11/21 18:57	1
M2-6:2 FTS	94		25 - 150	05/10/21 11:33	05/11/21 18:57	1
M2-8:2 FTS	129		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C3 HFPO-DA	105		25 - 150	05/10/21 11:33	05/11/21 18:57	1
13C2 10:2 FTS	109		25 - 150	05/10/21 11:33	05/11/21 18:57	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6200		23	9.3	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Antimony	<0.44		2.3	0.44	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Arsenic	1.9		1.1	0.39	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Barium	23		1.1	0.13	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Cadmium	0.076	J	0.23	0.041	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Chromium	13		1.1	0.56	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Copper	14		1.1	0.32	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Iron	10000	B	23	12	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Lead	3.6		0.57	0.26	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Manganese	240		1.1	0.17	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Nickel	13		1.1	0.33	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Selenium	<0.67		1.1	0.67	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Silver	<0.15		0.57	0.15	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1
Thallium	0.58	J	1.1	0.57	mg/Kg	✱	05/13/21 17:31	05/14/21 14:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	J	0.019	0.0064	mg/Kg	✱	05/14/21 14:30	05/17/21 08:23	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Bromobenzene	<28		80	28	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Bromochloromethane	<34		80	34	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Bromodichloromethane	<30		80	30	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Bromoform	<38		80	38	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Bromomethane	<63	*+	240	63	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Carbon tetrachloride	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Chlorobenzene	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Chloroethane	<40	*+	80	40	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Chloroform	<29		160	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Chloromethane	<25		80	25	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
2-Chlorotoluene	<25		80	25	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
4-Chlorotoluene	<28		80	28	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
cis-1,2-Dichloroethene	<32		80	32	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
cis-1,3-Dichloropropene	<33		80	33	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Dibromochloromethane	<39	*-	80	39	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2-Dibromo-3-Chloropropane	<160	*-	400	160	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2-Dibromoethane	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Dibromomethane	<21		80	21	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2-Dichlorobenzene	<27		80	27	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,3-Dichlorobenzene	<32		80	32	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,4-Dichlorobenzene	<29		80	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1-Dichloroethane	<33		80	33	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2-Dichloroethane	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1-Dichloroethene	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2-Dichloropropane	<34		80	34	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,3-Dichloropropane	<29		80	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
2,2-Dichloropropane	<35		80	35	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1-Dichloropropene	<24		80	24	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Ethylbenzene	<15		20	15	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Hexachlorobutadiene	<35		80	35	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Isopropylbenzene	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Isopropyl ether	<22		80	22	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Methylene Chloride	<130		400	130	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Methyl tert-butyl ether	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Naphthalene	<27		80	27	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
n-Butylbenzene	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
N-Propylbenzene	<33		80	33	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
p-Isopropyltoluene	<29		80	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
sec-Butylbenzene	<32		80	32	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Styrene	<31		80	31	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
tert-Butylbenzene	<32		80	32	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1,1,2-Tetrachloroethane	<37		80	37	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1,2,2-Tetrachloroethane	<32		80	32	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Tetrachloroethene	<29		80	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Toluene	<12		20	12	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
trans-1,2-Dichloroethene	<28		80	28	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
trans-1,3-Dichloropropene	<29		80	29	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		80	36	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2,4-Trichlorobenzene	<27		80	27	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1,1-Trichloroethane	<30		80	30	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,1,2-Trichloroethane	<28		80	28	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Trichloroethene	<13		40	13	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Trichlorofluoromethane	<34		80	34	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,2,4-Trimethylbenzene	<28		80	28	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
1,3,5-Trimethylbenzene	<30		80	30	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Vinyl chloride	<21		80	21	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Xylenes, Total	<17		40	17	ug/Kg	☼	05/04/21 10:25	05/16/21 14:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/04/21 10:25	05/16/21 14:17	50
Dibromofluoromethane (Surr)	84		75 - 120				05/04/21 10:25	05/16/21 14:17	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				05/04/21 10:25	05/16/21 14:17	50
Toluene-d8 (Surr)	94		75 - 120				05/04/21 10:25	05/16/21 14:17	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.7		42	7.7	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Acenaphthylene	<5.6		42	5.6	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Anthracene	<7.1		42	7.1	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Benzo[a]anthracene	<5.7		42	5.7	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Benzo[a]pyrene	<8.3		42	8.3	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Benzo[b]fluoranthene	<9.2		42	9.2	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Benzo[g,h,i]perylene	<14		42	14	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Benzo[k]fluoranthene	<13		42	13	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Chrysene	<12		42	12	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Dibenz(a,h)anthracene	<8.2		42	8.2	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Fluoranthene	<7.9		42	7.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Fluorene	<6.0		42	6.0	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Indeno[1,2,3-cd]pyrene	<11		42	11	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
1-Methylnaphthalene	<10		86	10	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
2-Methylnaphthalene	<7.8		86	7.8	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Naphthalene	<6.6		42	6.6	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Phenanthrene	<5.9		42	5.9	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Pyrene	<8.5		42	8.5	ug/Kg	☼	05/13/21 08:04	05/14/21 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		43 - 145				05/13/21 08:04	05/14/21 01:03	1
Nitrobenzene-d5 (Surr)	90		37 - 147				05/13/21 08:04	05/14/21 01:03	1
Terphenyl-d14 (Surr)	151		42 - 157				05/13/21 08:04	05/14/21 01:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.5		21	7.5	ug/Kg	☼	05/14/21 07:33	05/14/21 23:28	1
PCB-1221	<9.3		21	9.3	ug/Kg	☼	05/14/21 07:33	05/14/21 23:28	1
PCB-1232	<9.2		21	9.2	ug/Kg	☼	05/14/21 07:33	05/14/21 23:28	1
PCB-1242	<7.0		21	7.0	ug/Kg	☼	05/14/21 07:33	05/14/21 23:28	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.3		21	8.3	ug/Kg	✱	05/14/21 07:33	05/14/21 23:28	1
PCB-1254	<4.6		21	4.6	ug/Kg	✱	05/14/21 07:33	05/14/21 23:28	1
PCB-1260	<10		21	10	ug/Kg	✱	05/14/21 07:33	05/14/21 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		49 - 129				05/14/21 07:33	05/14/21 23:28	1
DCB Decachlorobiphenyl	96		37 - 121				05/14/21 07:33	05/14/21 23:28	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorooctanoic acid (PFOA)	0.54		0.23	0.099	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorotetradecanoic acid (PFTTeA)	<0.062		0.23	0.062	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Perfluorooctanesulfonamide (FOSA)	<0.094		0.23	0.094	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 19:07	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	109		25 - 150				05/10/21 11:33	05/11/21 19:07	1
13C5 PFPeA	104		25 - 150				05/10/21 11:33	05/11/21 19:07	1
13C2 PFHxA	104		25 - 150				05/10/21 11:33	05/11/21 19:07	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	109		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C4 PFOA	97		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C5 PFNA	105		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C2 PFDA	96		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C2 PFUnA	107		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C2 PFDoA	88		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C2 PFTeDA	82		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C3 PFBS	96		25 - 150	05/10/21 11:33	05/11/21 19:07	1
18O2 PFHxS	93		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C4 PFOS	90		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C8 FOSA	84		10 - 150	05/10/21 11:33	05/11/21 19:07	1
d3-NMeFOSAA	93		25 - 150	05/10/21 11:33	05/11/21 19:07	1
d5-NEtFOSAA	96		25 - 150	05/10/21 11:33	05/11/21 19:07	1
d-N-MeFOSA-M	66		10 - 150	05/10/21 11:33	05/11/21 19:07	1
d-N-EtFOSA-M	71		10 - 150	05/10/21 11:33	05/11/21 19:07	1
d7-N-MeFOSE-M	103		10 - 150	05/10/21 11:33	05/11/21 19:07	1
d9-N-EtFOSE-M	91		10 - 150	05/10/21 11:33	05/11/21 19:07	1
M2-4:2 FTS	101		25 - 150	05/10/21 11:33	05/11/21 19:07	1
M2-6:2 FTS	109		25 - 150	05/10/21 11:33	05/11/21 19:07	1
M2-8:2 FTS	115		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C3 HFPO-DA	98		25 - 150	05/10/21 11:33	05/11/21 19:07	1
13C2 10:2 FTS	98		25 - 150	05/10/21 11:33	05/11/21 19:07	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4100		25	10	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Antimony	<0.48		2.5	0.48	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Arsenic	1.1	J	1.2	0.43	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Barium	14		1.2	0.14	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Cadmium	0.13	J	0.25	0.045	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Chromium	9.4		1.2	0.62	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Copper	14		1.2	0.35	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Iron	5500	B	25	13	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Lead	2.2		0.62	0.29	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Manganese	130		1.2	0.18	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Nickel	9.5		1.2	0.36	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Selenium	<0.73		1.2	0.73	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Silver	<0.16		0.62	0.16	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1
Thallium	0.97	J	1.2	0.62	mg/Kg	✱	05/13/21 17:31	05/14/21 14:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0066	J	0.019	0.0063	mg/Kg	✱	05/14/21 14:30	05/17/21 08:24	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Date Collected: 05/04/21 12:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.7		17	9.7	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Bromobenzene	<24		67	24	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Bromochloromethane	<29		67	29	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Bromodichloromethane	<25		67	25	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Bromoform	<32		67	32	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Bromomethane	<53	*+	200	53	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Carbon tetrachloride	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Chlorobenzene	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Chloroethane	<34	*+	67	34	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Chloroform	<25		130	25	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Chloromethane	<21		67	21	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
2-Chlorotoluene	<21		67	21	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
4-Chlorotoluene	<23		67	23	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Dibromochloromethane	<33	*-	67	33	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,2-Dibromo-3-Chloropropane	<130	*-	330	130	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,2-Dibromoethane	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Dibromomethane	<18		67	18	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,1-Dichloroethane	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,2-Dichloroethane	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,1-Dichloroethene	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,2-Dichloropropane	<29		67	29	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,3-Dichloropropane	<24		67	24	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
2,2-Dichloropropane	<30		67	30	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,1-Dichloropropene	<20		67	20	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Ethylbenzene	<12		17	12	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Hexachlorobutadiene	<30		67	30	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Isopropylbenzene	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Isopropyl ether	<18		67	18	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Methylene Chloride	<110		330	110	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Naphthalene	<22		67	22	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
n-Butylbenzene	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
N-Propylbenzene	<28		67	28	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
p-Isopropyltoluene	<24		67	24	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
sec-Butylbenzene	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Styrene	<26		67	26	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
tert-Butylbenzene	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Tetrachloroethene	<25		67	25	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
Toluene	<9.8		17	9.8	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	☼	05/04/21 12:20	05/16/21 14:44	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Date Collected: 05/04/21 12:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,1,2-Trichloroethane	<23		67	23	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
Trichloroethene	<11		33	11	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
Trichlorofluoromethane	<29		67	29	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
1,3,5-Trimethylbenzene	<25		67	25	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
Vinyl chloride	<17		67	17	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50
Xylenes, Total	<15		33	15	ug/Kg	✳	05/04/21 12:20	05/16/21 14:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	05/04/21 12:20	05/16/21 14:44	50
Dibromofluoromethane (Surr)	83		75 - 120	05/04/21 12:20	05/16/21 14:44	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	05/04/21 12:20	05/16/21 14:44	50
Toluene-d8 (Surr)	95		75 - 120	05/04/21 12:20	05/16/21 14:44	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1221	<8.5		19	8.5	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1232	<8.5		19	8.5	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1242	<6.4		19	6.4	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1248	<7.6		19	7.6	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1254	<4.2		19	4.2	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1
PCB-1260	<9.5		19	9.5	ug/Kg	✳	05/14/21 07:33	05/14/21 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		49 - 129	05/14/21 07:33	05/14/21 23:43	1
DCB Decachlorobiphenyl	98		37 - 121	05/14/21 07:33	05/14/21 23:43	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluoropentanoic acid (PFPeA)	<0.088		0.23	0.088	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluoroheptanoic acid (PFHpA)	0.036	J I	0.23	0.033	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorooctanoic acid (PFOA)	3.8		0.23	0.098	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorotridecanoic acid (PFTTrDA)	<0.058		0.23	0.058	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorotetradecanoic acid (PFTTeA)	<0.062		0.23	0.062	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✳	05/10/21 11:33	05/11/21 19:16	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Date Collected: 05/04/21 12:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
Perfluorooctanesulfonamide (FOSA)	<0.094		0.23	0.094	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	☼	05/10/21 11:33	05/11/21 19:16	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	116		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C5 PFPeA	106		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 PFHxA	105		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C4 PFHpA	107		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C4 PFOA	105		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C5 PFNA	110		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 PFDA	101		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 PFUnA	116		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 PFDoA	98		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 PFTeDA	84		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C3 PFBS	98		25 - 150	05/10/21 11:33	05/11/21 19:16	1
18O2 PFHxS	97		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C4 PFOS	89		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C8 FOSA	98		10 - 150	05/10/21 11:33	05/11/21 19:16	1
d3-NMeFOSAA	107		25 - 150	05/10/21 11:33	05/11/21 19:16	1
d5-NEtFOSAA	102		25 - 150	05/10/21 11:33	05/11/21 19:16	1
d-N-MeFOSA-M	91		10 - 150	05/10/21 11:33	05/11/21 19:16	1
d-N-EtFOSA-M	90		10 - 150	05/10/21 11:33	05/11/21 19:16	1
d7-N-MeFOSE-M	98		10 - 150	05/10/21 11:33	05/11/21 19:16	1
d9-N-EtFOSE-M	96		10 - 150	05/10/21 11:33	05/11/21 19:16	1
M2-4:2 FTS	133		25 - 150	05/10/21 11:33	05/11/21 19:16	1
M2-6:2 FTS	128		25 - 150	05/10/21 11:33	05/11/21 19:16	1
M2-8:2 FTS	135		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C3 HFPO-DA	102		25 - 150	05/10/21 11:33	05/11/21 19:16	1
13C2 10:2 FTS	119		25 - 150	05/10/21 11:33	05/11/21 19:16	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Date Collected: 05/04/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Bromobenzene	<24		68	24	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Bromochloromethane	<29		68	29	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Bromodichloromethane	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Bromoform	<33		68	33	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Bromomethane	<54	*+	210	54	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Carbon tetrachloride	<26		68	26	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Chlorobenzene	<26		68	26	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Chloroethane	<34	*+	68	34	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Chloroform	<25		140	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Chloromethane	<22		68	22	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
2-Chlorotoluene	<21		68	21	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
4-Chlorotoluene	<24		68	24	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
cis-1,2-Dichloroethene	<28		68	28	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
cis-1,3-Dichloropropene	<28		68	28	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Dibromochloromethane	<33	*-	68	33	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,2-Dibromo-3-Chloropropane	<140	*-	340	140	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,2-Dibromoethane	<26		68	26	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Dibromomethane	<18		68	18	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,2-Dichlorobenzene	<23		68	23	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,3-Dichlorobenzene	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,4-Dichlorobenzene	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Dichlorodifluoromethane	<46		210	46	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,1-Dichloroethane	<28		68	28	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,2-Dichloroethane	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,1-Dichloroethene	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,2-Dichloropropane	<29		68	29	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,3-Dichloropropane	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
2,2-Dichloropropane	<30		68	30	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,1-Dichloropropene	<20		68	20	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Ethylbenzene	<13		17	13	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Hexachlorobutadiene	<31		68	31	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Isopropylbenzene	<26		68	26	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Isopropyl ether	<19		68	19	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Methylene Chloride	<110		340	110	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Methyl tert-butyl ether	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Naphthalene	<23		68	23	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
n-Butylbenzene	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
N-Propylbenzene	<28		68	28	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
p-Isopropyltoluene	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
sec-Butylbenzene	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Styrene	<26		68	26	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
tert-Butylbenzene	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,1,1,2-Tetrachloroethane	<32		68	32	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
1,1,2,2-Tetrachloroethane	<27		68	27	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Tetrachloroethene	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
Toluene	<10		17	10	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
trans-1,2-Dichloroethene	<24		68	24	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50
trans-1,3-Dichloropropene	<25		68	25	ug/Kg	☼	05/04/21 12:25	05/16/21 15:12	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Date Collected: 05/04/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		68	31	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,2,4-Trichlorobenzene	<23		68	23	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,1,1-Trichloroethane	<26		68	26	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,1,2-Trichloroethane	<24		68	24	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
Trichloroethene	<11		34	11	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
Trichlorofluoromethane	<29		68	29	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,2,4-Trimethylbenzene	<24		68	24	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
1,3,5-Trimethylbenzene	<26		68	26	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
Vinyl chloride	<18		68	18	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50
Xylenes, Total	<15		34	15	ug/Kg	✳	05/04/21 12:25	05/16/21 15:12	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	05/04/21 12:25	05/16/21 15:12	50
Dibromofluoromethane (Surr)	82		75 - 120	05/04/21 12:25	05/16/21 15:12	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	05/04/21 12:25	05/16/21 15:12	50
Toluene-d8 (Surr)	94		75 - 120	05/04/21 12:25	05/16/21 15:12	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1221	<8.5		19	8.5	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1232	<8.4		19	8.4	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1242	<6.3		19	6.3	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1248	<7.6		19	7.6	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1254	<4.2		19	4.2	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1
PCB-1260	<9.5		19	9.5	ug/Kg	✳	05/14/21 07:33	05/14/21 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		49 - 129	05/14/21 07:33	05/14/21 23:58	1
DCB Decachlorobiphenyl	94		37 - 121	05/14/21 07:33	05/14/21 23:58	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.045	J	0.23	0.032	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorohexanoic acid (PFHxA)	0.051	J	0.23	0.047	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluoroheptanoic acid (PFHpA)	0.068	J	0.23	0.033	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorooctanoic acid (PFOA)	2.4		0.23	0.097	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorotridecanoic acid (PFTTrDA)	<0.058		0.23	0.058	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorotetradecanoic acid (PFTeA)	<0.061		0.23	0.061	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✳	05/10/21 11:33	05/11/21 19:25	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Date Collected: 05/04/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.56	0.23	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
Perfluorooctanesulfonamide (FOSA)	<0.093		0.23	0.093	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NMeFOSA	<0.046		0.23	0.046	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NMeFOSAA	<0.44		2.3	0.44	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NMeFOSE	<0.080		0.23	0.080	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.23	0.020	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
9Cl-PF3ONS	<0.030		0.23	0.030	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1
11Cl-PF3OUdS	<0.025		0.23	0.025	ug/Kg	☼	05/10/21 11:33	05/11/21 19:25	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	111		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C5 PFPeA	109		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 PFHxA	112		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C4 PFHpA	106		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C4 PFOA	96		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C5 PFNA	94		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 PFDA	90		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 PFUnA	84		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 PFDoA	82		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 PFTeDA	80		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C3 PFBS	83		25 - 150	05/10/21 11:33	05/11/21 19:25	1
18O2 PFHxS	74		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C4 PFOS	76		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C8 FOSA	73		10 - 150	05/10/21 11:33	05/11/21 19:25	1
d3-NMeFOSAA	82		25 - 150	05/10/21 11:33	05/11/21 19:25	1
d5-NEtFOSAA	84		25 - 150	05/10/21 11:33	05/11/21 19:25	1
d-N-MeFOSA-M	51		10 - 150	05/10/21 11:33	05/11/21 19:25	1
d-N-EtFOSA-M	58		10 - 150	05/10/21 11:33	05/11/21 19:25	1
d7-N-MeFOSE-M	95		10 - 150	05/10/21 11:33	05/11/21 19:25	1
d9-N-EtFOSE-M	80		10 - 150	05/10/21 11:33	05/11/21 19:25	1
M2-4:2 FTS	103		25 - 150	05/10/21 11:33	05/11/21 19:25	1
M2-6:2 FTS	95		25 - 150	05/10/21 11:33	05/11/21 19:25	1
M2-8:2 FTS	95		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C3 HFPO-DA	113		25 - 150	05/10/21 11:33	05/11/21 19:25	1
13C2 10:2 FTS	86		25 - 150	05/10/21 11:33	05/11/21 19:25	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Date Collected: 05/04/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Bromobenzene	<28		80	28	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Bromochloromethane	<34		80	34	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Bromodichloromethane	<30		80	30	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Bromoform	<39		80	39	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Bromomethane	<64	*+	240	64	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Carbon tetrachloride	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Chlorobenzene	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Chloroethane	<40	*+	80	40	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Chloroform	<30		160	30	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Chloromethane	<26		80	26	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
2-Chlorotoluene	<25		80	25	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
4-Chlorotoluene	<28		80	28	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
cis-1,2-Dichloroethene	<33		80	33	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
cis-1,3-Dichloropropene	<33		80	33	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Dibromochloromethane	<39	*-	80	39	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,2-Dibromo-3-Chloropropane	<160	*-	400	160	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,2-Dibromoethane	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Dibromomethane	<22		80	22	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,2-Dichlorobenzene	<27		80	27	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,3-Dichlorobenzene	<32		80	32	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,4-Dichlorobenzene	<29		80	29	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,1-Dichloroethane	<33		80	33	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,2-Dichloroethane	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,1-Dichloroethene	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,2-Dichloropropane	<34		80	34	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,3-Dichloropropane	<29		80	29	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
2,2-Dichloropropane	<36		80	36	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,1-Dichloropropene	<24		80	24	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Ethylbenzene	<15		20	15	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Hexachlorobutadiene	<36		80	36	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Isopropylbenzene	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Isopropyl ether	<22		80	22	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Methylene Chloride	<130		400	130	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Methyl tert-butyl ether	<32		80	32	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Naphthalene	<27		80	27	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
n-Butylbenzene	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
N-Propylbenzene	<33		80	33	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
p-Isopropyltoluene	<29		80	29	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
sec-Butylbenzene	<32		80	32	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Styrene	<31		80	31	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
tert-Butylbenzene	<32		80	32	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,1,1,2-Tetrachloroethane	<37		80	37	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
1,1,2,2-Tetrachloroethane	<32		80	32	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Tetrachloroethene	<30		80	30	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
Toluene	<12		20	12	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
trans-1,2-Dichloroethene	<28		80	28	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50
trans-1,3-Dichloropropene	<29		80	29	ug/Kg	✳	05/04/21 12:30	05/16/21 15:39	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Date Collected: 05/04/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		80	37	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,2,4-Trichlorobenzene	<27		80	27	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,1,1-Trichloroethane	<30		80	30	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,1,2-Trichloroethane	<28		80	28	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
Trichloroethene	<13		40	13	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
Trichlorofluoromethane	<34		80	34	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,2,4-Trimethylbenzene	<29		80	29	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
1,3,5-Trimethylbenzene	<30		80	30	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
Vinyl chloride	<21		80	21	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50
Xylenes, Total	<18		40	18	ug/Kg	✱	05/04/21 12:30	05/16/21 15:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	05/04/21 12:30	05/16/21 15:39	50
Dibromofluoromethane (Surr)	83		75 - 120	05/04/21 12:30	05/16/21 15:39	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	05/04/21 12:30	05/16/21 15:39	50
Toluene-d8 (Surr)	93		75 - 120	05/04/21 12:30	05/16/21 15:39	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.5		21	7.5	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1221	<9.3		21	9.3	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1232	<9.2		21	9.2	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1242	<7.0		21	7.0	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1248	<8.3		21	8.3	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1254	<4.6		21	4.6	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1
PCB-1260	<10		21	10	ug/Kg	✱	05/14/21 07:33	05/15/21 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		49 - 129	05/14/21 07:33	05/15/21 00:14	1
DCB Decachlorobiphenyl	65		37 - 121	05/14/21 07:33	05/15/21 00:14	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.035		0.25	0.035	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluoropentanoic acid (PFPeA)	<0.096		0.25	0.096	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorohexanoic acid (PFHxA)	<0.053		0.25	0.053	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluoroheptanoic acid (PFHpA)	<0.036		0.25	0.036	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorooctanoic acid (PFOA)	0.36		0.25	0.11	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorononanoic acid (PFNA)	<0.045		0.25	0.045	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorodecanoic acid (PFDA)	<0.028		0.25	0.028	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluoroundecanoic acid (PFUnA)	<0.045		0.25	0.045	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorododecanoic acid (PFDoA)	<0.084		0.25	0.084	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorotridecanoic acid (PFTTrDA)	<0.064		0.25	0.064	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorotetradecanoic acid (PFTTeA)	<0.068		0.25	0.068	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorobutanesulfonic acid (PFBS)	<0.031		0.25	0.031	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluoropentanesulfonic acid (PFPeS)	<0.025		0.25	0.025	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluorohexanesulfonic acid (PFHxS)	<0.039		0.25	0.039	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.044		0.25	0.044	ug/Kg	✱	05/10/21 11:33	05/18/21 16:59	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Date Collected: 05/04/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.25		0.63	0.25	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
Perfluorononanesulfonic acid (PFNS)	<0.025		0.25	0.025	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
Perfluorodecanesulfonic acid (PFDS)	<0.049		0.25	0.049	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
Perfluorododecanesulfonic acid (PFDoS)	<0.075		0.25	0.075	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.25	0.10	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NEtFOSA	<0.030		0.25	0.030	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NMeFOSA	<0.051		0.25	0.051	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NMeFOSAA	<0.49		2.5	0.49	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NEtFOSAA	<0.46		2.5	0.46	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NMeFOSE	<0.089		0.25	0.089	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
NEtFOSE	<0.045		0.25	0.045	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
4:2 FTS	<0.46		2.5	0.46	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
6:2 FTS	<0.19		2.5	0.19	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
8:2 FTS	<0.31		2.5	0.31	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.023		0.25	0.023	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
HFPO-DA (GenX)	<0.14		0.31	0.14	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
9Cl-PF3ONS	<0.034		0.25	0.034	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
11Cl-PF3OUdS	<0.028		0.25	0.028	ug/Kg	☼	05/10/21 11:33	05/18/21 16:59	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	116		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C5 PFPeA	106		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 PFHxA	104		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C4 PFHpA	95		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C4 PFOA	105		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C5 PFNA	99		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 PFDA	80		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 PFUnA	101		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 PFDoA	93		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 PFTeDA	90		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C3 PFBS	97		25 - 150				05/10/21 11:33	05/18/21 16:59	1
18O2 PFHxS	90		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C4 PFOS	75		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C8 FOSA	77		10 - 150				05/10/21 11:33	05/18/21 16:59	1
d3-NMeFOSAA	95		25 - 150				05/10/21 11:33	05/18/21 16:59	1
d5-NEtFOSAA	116		25 - 150				05/10/21 11:33	05/18/21 16:59	1
d-N-MeFOSA-M	65		10 - 150				05/10/21 11:33	05/18/21 16:59	1
d-N-EtFOSA-M	64		10 - 150				05/10/21 11:33	05/18/21 16:59	1
d7-N-MeFOSE-M	74		10 - 150				05/10/21 11:33	05/18/21 16:59	1
d9-N-EtFOSE-M	66		10 - 150				05/10/21 11:33	05/18/21 16:59	1
M2-4:2 FTS	169	*5+	25 - 150				05/10/21 11:33	05/18/21 16:59	1
M2-6:2 FTS	186	*5+	25 - 150				05/10/21 11:33	05/18/21 16:59	1
M2-8:2 FTS	126		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C3 HFPO-DA	88		25 - 150				05/10/21 11:33	05/18/21 16:59	1
13C2 10:2 FTS	131		25 - 150				05/10/21 11:33	05/18/21 16:59	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Date Collected: 05/04/21 13:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Bromobenzene	<27		76	27	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Bromochloromethane	<33		76	33	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Bromodichloromethane	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Bromoform	<37		76	37	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Bromomethane	<61	*+ F1	230	61	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Carbon tetrachloride	<29		76	29	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Chlorobenzene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Chloroethane	<39	*+ F1	76	39	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Chloroform	<28		150	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Chloromethane	<24		76	24	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
2-Chlorotoluene	<24		76	24	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
4-Chlorotoluene	<27		76	27	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Dibromochloromethane	<37	*- F1	76	37	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2-Dibromo-3-Chloropropane	<150	*- F1	380	150	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2-Dibromoethane	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Dibromomethane	<21		76	21	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2-Dichlorobenzene	<26		76	26	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,3-Dichlorobenzene	<31		76	31	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Dichlorodifluoromethane	<52		230	52	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1-Dichloroethane	<31		76	31	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2-Dichloroethane	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1-Dichloroethene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2-Dichloropropane	<33		76	33	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,3-Dichloropropane	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
2,2-Dichloropropane	<34		76	34	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1-Dichloropropene	<23		76	23	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Ethylbenzene	<14		19	14	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Hexachlorobutadiene	<34		76	34	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Isopropylbenzene	<29		76	29	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Isopropyl ether	<21		76	21	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Methylene Chloride	<120		380	120	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Naphthalene	<26		76	26	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
n-Butylbenzene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
N-Propylbenzene	<32		76	32	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
p-Isopropyltoluene	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
sec-Butylbenzene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Styrene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
tert-Butylbenzene	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1,1,2-Tetrachloroethane	<35		76	35	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Tetrachloroethene	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Toluene	<11		19	11	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
trans-1,3-Dichloropropene	<28		76	28	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Date Collected: 05/04/21 13:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1,1-Trichloroethane	<29		76	29	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Trichloroethene	39		38	13	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Trichlorofluoromethane	<33		76	33	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2,3-Trichloropropane	<32		150	32	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Vinyl chloride	<20		76	20	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Xylenes, Total	<17		38	17	ug/Kg	☼	05/04/21 13:20	05/16/21 16:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/04/21 13:20	05/16/21 16:06	50
Dibromofluoromethane (Surr)	82		75 - 120				05/04/21 13:20	05/16/21 16:06	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126				05/04/21 13:20	05/16/21 16:06	50
Toluene-d8 (Surr)	94		75 - 120				05/04/21 13:20	05/16/21 16:06	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	8.9	J	42	7.6	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Acenaphthylene	<5.6		42	5.6	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Anthracene	12	J	42	7.1	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Benzo[a]anthracene	34	J	42	5.7	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Benzo[a]pyrene	28	J	42	8.2	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Benzo[b]fluoranthene	42		42	9.1	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Benzo[g,h,i]perylene	<14	F1	42	14	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Benzo[k]fluoranthene	16	J	42	12	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Chrysene	36	J	42	12	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Dibenz(a,h)anthracene	<8.2	F1	42	8.2	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Fluoranthene	69		42	7.8	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Fluorene	8.0	J	42	5.9	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Indeno[1,2,3-cd]pyrene	12	J F1	42	11	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
1-Methylnaphthalene	26	J	85	10	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
2-Methylnaphthalene	28	J	85	7.8	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Naphthalene	29	J	42	6.5	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Phenanthrene	68		42	5.9	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Pyrene	56		42	8.4	ug/Kg	☼	05/13/21 18:56	05/14/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		43 - 145				05/13/21 18:56	05/14/21 17:19	1
Nitrobenzene-d5 (Surr)	95		37 - 147				05/13/21 18:56	05/14/21 17:19	1
Terphenyl-d14 (Surr)	90		42 - 157				05/13/21 18:56	05/14/21 17:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.4		21	7.4	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
PCB-1221	<9.2		21	9.2	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
PCB-1232	<9.1		21	9.1	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
PCB-1242	<6.9		21	6.9	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Date Collected: 05/04/21 13:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.2		21	8.2	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
PCB-1254	<4.5		21	4.5	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
PCB-1260	<10	F1	21	10	ug/Kg	☼	05/14/21 19:33	05/17/21 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		49 - 129				05/14/21 19:33	05/17/21 14:59	1
DCB Decachlorobiphenyl	66		37 - 121				05/14/21 19:33	05/17/21 14:59	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3300	V	24	9.9	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Antimony	<0.47	F1	2.4	0.47	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Arsenic	1.2		1.2	0.41	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Barium	16	V	1.2	0.14	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Cadmium	0.15	J	0.24	0.044	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Chromium	7.5		1.2	0.60	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Copper	16		1.2	0.34	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Iron	8600	V	24	13	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Lead	18	V	0.60	0.28	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Manganese	160	V	1.2	0.18	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Nickel	7.6		1.2	0.35	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Selenium	<0.71		1.2	0.71	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Silver	0.24	J	0.60	0.16	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1
Thallium	<0.60		1.2	0.60	mg/Kg	☼	05/16/21 06:03	05/17/21 10:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.019	0.0065	mg/Kg	☼	05/14/21 14:30	05/17/21 08:26	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Date Collected: 05/04/21 13:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Bromobenzene	<27		77	27	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Bromochloromethane	<33		77	33	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Bromodichloromethane	<29		77	29	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Bromoform	<37		77	37	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Bromomethane	<61	+	230	61	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Carbon tetrachloride	<29		77	29	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Chlorobenzene	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Chloroethane	<39	+	77	39	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Chloroform	<28		150	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Chloromethane	<25		77	25	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
2-Chlorotoluene	<24		77	24	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
4-Chlorotoluene	<27		77	27	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
cis-1,2-Dichloroethene	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
cis-1,3-Dichloropropene	<32		77	32	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Dibromochloromethane	<37	-	77	37	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2-Dibromo-3-Chloropropane	<150	-	380	150	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2-Dibromoethane	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Dibromomethane	<21		77	21	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2-Dichlorobenzene	<26		77	26	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,3-Dichlorobenzene	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,4-Dichlorobenzene	<28		77	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Dichlorodifluoromethane	<52		230	52	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1-Dichloroethane	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2-Dichloroethane	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1-Dichloroethene	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2-Dichloropropane	<33		77	33	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,3-Dichloropropane	<28		77	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
2,2-Dichloropropane	<34		77	34	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1-Dichloropropene	<23		77	23	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Ethylbenzene	<14		19	14	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Hexachlorobutadiene	<34		77	34	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Isopropylbenzene	<29		77	29	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Isopropyl ether	<21		77	21	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Methylene Chloride	<130		380	130	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Methyl tert-butyl ether	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Naphthalene	<26		77	26	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
n-Butylbenzene	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
N-Propylbenzene	<32		77	32	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
p-Isopropyltoluene	<28		77	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
sec-Butylbenzene	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Styrene	<30		77	30	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
tert-Butylbenzene	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1,1,2-Tetrachloroethane	<35		77	35	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1,2,2-Tetrachloroethane	<31		77	31	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Tetrachloroethene	<28		77	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Toluene	<11		19	11	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
trans-1,2-Dichloroethene	<27		77	27	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
trans-1,3-Dichloropropene	<28		77	28	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Date Collected: 05/04/21 13:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		77	35	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2,4-Trichlorobenzene	<26		77	26	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1,1-Trichloroethane	<29		77	29	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,1,2-Trichloroethane	<27		77	27	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Trichloroethene	32	J	38	13	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Trichlorofluoromethane	<33		77	33	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2,3-Trichloropropane	<32		150	32	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,2,4-Trimethylbenzene	<27		77	27	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
1,3,5-Trimethylbenzene	<29		77	29	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Vinyl chloride	<20		77	20	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Xylenes, Total	<17		38	17	ug/Kg	✳	05/04/21 13:25	05/16/21 16:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124				05/04/21 13:25	05/16/21 16:33	50
Dibromofluoromethane (Surr)	83		75 - 120				05/04/21 13:25	05/16/21 16:33	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				05/04/21 13:25	05/16/21 16:33	50
Toluene-d8 (Surr)	94		75 - 120				05/04/21 13:25	05/16/21 16:33	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.6		42	7.6	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Acenaphthylene	<5.6		42	5.6	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Anthracene	<7.0		42	7.0	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Benzo[a]anthracene	<5.7		42	5.7	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Benzo[a]pyrene	<8.2		42	8.2	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Benzo[b]fluoranthene	<9.1		42	9.1	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Benzo[g,h,i]perylene	<14		42	14	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Benzo[k]fluoranthene	<12		42	12	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Chrysene	<11		42	11	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Dibenz(a,h)anthracene	<8.1		42	8.1	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Fluoranthene	<7.8		42	7.8	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Fluorene	<5.9		42	5.9	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Indeno[1,2,3-cd]pyrene	<11		42	11	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
1-Methylnaphthalene	<10		85	10	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
2-Methylnaphthalene	<7.8		85	7.8	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Naphthalene	<6.5		42	6.5	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Phenanthrene	<5.9		42	5.9	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Pyrene	<8.4		42	8.4	ug/Kg	✳	05/13/21 18:56	05/14/21 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	80		43 - 145				05/13/21 18:56	05/14/21 14:06	1
Nitrobenzene-d5 (Surr)	93		37 - 147				05/13/21 18:56	05/14/21 14:06	1
Terphenyl-d14 (Surr)	89		42 - 157				05/13/21 18:56	05/14/21 14:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
PCB-1221	<9.0		20	9.0	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
PCB-1232	<8.9		20	8.9	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
PCB-1242	<6.7		20	6.7	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Date Collected: 05/04/21 13:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		20	8.1	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
PCB-1254	<4.4		20	4.4	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
PCB-1260	<10		20	10	ug/Kg	✳	05/14/21 07:33	05/15/21 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		49 - 129				05/14/21 07:33	05/15/21 00:29	1
DCB Decachlorobiphenyl	102		37 - 121				05/14/21 07:33	05/15/21 00:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		25	10	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Antimony	<0.49		2.5	0.49	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Arsenic	<0.43		1.3	0.43	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Barium	13		1.3	0.14	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Cadmium	0.10 J		0.25	0.045	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Chromium	7.3		1.3	0.62	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Copper	6.4		1.3	0.35	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Iron	5300		25	13	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Lead	2.1		0.63	0.29	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Manganese	130		1.3	0.18	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Nickel	8.2		1.3	0.37	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Selenium	<0.74		1.3	0.74	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Silver	0.20 J		0.63	0.16	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1
Thallium	0.72 J		1.3	0.63	mg/Kg	✳	05/16/21 06:03	05/17/21 10:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0062		0.019	0.0062	mg/Kg	✳	05/14/21 14:30	05/17/21 08:38	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Date Collected: 05/04/21 15:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Bromobenzene	<25		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Bromochloromethane	<30		70	30	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Bromodichloromethane	38	J	70	26	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Bromoform	<34		70	34	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Bromomethane	<55	*+	210	55	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Carbon tetrachloride	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Chlorobenzene	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Chloroethane	<35	*+	70	35	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Chloroform	170		140	26	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Chloromethane	<22		70	22	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
2-Chlorotoluene	<22		70	22	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
4-Chlorotoluene	<24		70	24	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
cis-1,2-Dichloroethene	<28		70	28	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Dibromochloromethane	<34	*-	70	34	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2-Dibromo-3-Chloropropane	<140	*-	350	140	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2-Dibromoethane	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Dibromomethane	<19		70	19	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,4-Dichlorobenzene	<25		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1-Dichloroethane	<29		70	29	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2-Dichloroethane	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1-Dichloroethene	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2-Dichloropropane	<30		70	30	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,3-Dichloropropane	<25		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
2,2-Dichloropropane	<31		70	31	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1-Dichloropropene	<21		70	21	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Ethylbenzene	130		17	13	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Hexachlorobutadiene	<31		70	31	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Isopropylbenzene	110		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Isopropyl ether	<19		70	19	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Methylene Chloride	<110		350	110	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Methyl tert-butyl ether	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Naphthalene	1100		70	23	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
n-Butylbenzene	81		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
N-Propylbenzene	190		70	29	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
p-Isopropyltoluene	47	J	70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
sec-Butylbenzene	57	J	70	28	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Styrene	<27		70	27	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
tert-Butylbenzene	<28		70	28	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1,1,2-Tetrachloroethane	<32		70	32	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Tetrachloroethene	<26		70	26	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Toluene	140		17	10	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
trans-1,2-Dichloroethene	<24		70	24	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
trans-1,3-Dichloropropene	<25		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Date Collected: 05/04/21 15:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1,1-Trichloroethane	<26		70	26	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Trichloroethene	49		35	11	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,2,4-Trimethylbenzene	530		70	25	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
1,3,5-Trimethylbenzene	110		70	26	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50
Xylenes, Total	1300		35	15	ug/Kg	☼	05/04/21 15:20	05/16/21 17:00	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	05/04/21 15:20	05/16/21 17:00	50
Dibromofluoromethane (Surr)	82		75 - 120	05/04/21 15:20	05/16/21 17:00	50
1,2-Dichloroethane-d4 (Surr)	95		75 - 126	05/04/21 15:20	05/16/21 17:00	50
Toluene-d8 (Surr)	94		75 - 120	05/04/21 15:20	05/16/21 17:00	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.6		37	6.6	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Acenaphthylene	<4.9		37	4.9	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Anthracene	<6.2		37	6.2	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Benzo[a]anthracene	6.2 J		37	5.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Benzo[a]pyrene	<7.1		37	7.1	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Benzo[b]fluoranthene	<8.0		37	8.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Benzo[k]fluoranthene	<11		37	11	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Chrysene	11 J		37	10	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Dibenz(a,h)anthracene	<7.1		37	7.1	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Fluoranthene	7.1 J		37	6.8	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Fluorene	<5.2		37	5.2	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Indeno[1,2,3-cd]pyrene	<9.6		37	9.6	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
1-Methylnaphthalene	30 J		74	9.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
2-Methylnaphthalene	32 J		74	6.8	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Naphthalene	20 J		37	5.7	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Phenanthrene	28 J		37	5.1	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1
Pyrene	<7.3		37	7.3	ug/Kg	☼	05/13/21 18:56	05/14/21 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		43 - 145	05/13/21 18:56	05/14/21 14:28	1
Nitrobenzene-d5 (Surr)	87		37 - 147	05/13/21 18:56	05/14/21 14:28	1
Terphenyl-d14 (Surr)	82		42 - 157	05/13/21 18:56	05/14/21 14:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	05/14/21 07:33	05/15/21 00:45	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	05/14/21 07:33	05/15/21 00:45	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	05/14/21 07:33	05/15/21 00:45	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	05/14/21 07:33	05/15/21 00:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Date Collected: 05/04/21 15:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 88.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	✳	05/14/21 07:33	05/15/21 00:45	1
PCB-1254	<4.0		19	4.0	ug/Kg	✳	05/14/21 07:33	05/15/21 00:45	1
PCB-1260	<9.2		19	9.2	ug/Kg	✳	05/14/21 07:33	05/15/21 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		49 - 129				05/14/21 07:33	05/15/21 00:45	1
DCB Decachlorobiphenyl	74		37 - 121				05/14/21 07:33	05/15/21 00:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		22	8.8	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Antimony	<0.42		2.2	0.42	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Arsenic	1.4		1.1	0.37	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Barium	25		1.1	0.12	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Cadmium	0.16 J		0.22	0.039	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Chromium	6.4		1.1	0.53	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Copper	8.9		1.1	0.30	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Iron	8800		22	11	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Lead	6.1		0.54	0.25	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Manganese	150		1.1	0.16	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Nickel	7.6		1.1	0.31	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Selenium	<0.63		1.1	0.63	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Silver	0.17 J		0.54	0.14	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1
Thallium	0.54 J		1.1	0.54	mg/Kg	✳	05/16/21 06:03	05/17/21 10:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.018	0.0059	mg/Kg	✳	05/14/21 14:30	05/17/21 08:40	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Date Collected: 05/04/21 15:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Bromobenzene	<29		82	29	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Bromochloromethane	<35		82	35	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Bromodichloromethane	<31		82	31	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Bromoform	<40		82	40	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Bromomethane	<66	*+	250	66	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Carbon tetrachloride	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Chlorobenzene	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Chloroethane	<42	*+	82	42	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Chloroform	<30		160	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Chloromethane	<26		82	26	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
2-Chlorotoluene	<26		82	26	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
4-Chlorotoluene	<29		82	29	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
cis-1,2-Dichloroethene	<34		82	34	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
cis-1,3-Dichloropropene	<34		82	34	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Dibromochloromethane	<40	*-	82	40	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,2-Dibromo-3-Chloropropane	<160	*-	410	160	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,2-Dibromoethane	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Dibromomethane	<22		82	22	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,2-Dichlorobenzene	<28		82	28	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,3-Dichlorobenzene	<33		82	33	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,4-Dichlorobenzene	<30		82	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Dichlorodifluoromethane	<56		250	56	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,1-Dichloroethane	<34		82	34	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,2-Dichloroethane	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,1-Dichloroethene	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,2-Dichloropropane	<35		82	35	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,3-Dichloropropane	<30		82	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
2,2-Dichloropropane	<37		82	37	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,1-Dichloropropene	<25		82	25	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Ethylbenzene	<15		21	15	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Hexachlorobutadiene	<37		82	37	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Isopropylbenzene	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Isopropyl ether	<23		82	23	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Methylene Chloride	<130		410	130	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Methyl tert-butyl ether	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Naphthalene	32	J	82	28	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
n-Butylbenzene	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
N-Propylbenzene	<34		82	34	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
p-Isopropyltoluene	<30		82	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
sec-Butylbenzene	<33		82	33	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Styrene	<32		82	32	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
tert-Butylbenzene	<33		82	33	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,1,1,2-Tetrachloroethane	<38		82	38	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
1,1,2,2-Tetrachloroethane	<33		82	33	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Tetrachloroethene	<30		82	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
Toluene	<12		21	12	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
trans-1,2-Dichloroethene	<29		82	29	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50
trans-1,3-Dichloropropene	<30		82	30	ug/Kg	✳	05/04/21 15:25	05/16/21 17:28	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Date Collected: 05/04/21 15:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<38		82	38	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,2,4-Trichlorobenzene	<28		82	28	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,1,1-Trichloroethane	<31		82	31	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,1,2-Trichloroethane	<29		82	29	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
Trichloroethene	<14		41	14	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
Trichlorofluoromethane	<35		82	35	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,2,4-Trimethylbenzene	<29		82	29	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
1,3,5-Trimethylbenzene	<31		82	31	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
Vinyl chloride	<22		82	22	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
Xylenes, Total	<18		41	18	ug/Kg	☼	05/04/21 15:25	05/16/21 17:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/04/21 15:25	05/16/21 17:28	50
Dibromofluoromethane (Surr)	82		75 - 120				05/04/21 15:25	05/16/21 17:28	50
1,2-Dichloroethane-d4 (Surr)	98		75 - 126				05/04/21 15:25	05/16/21 17:28	50
Toluene-d8 (Surr)	94		75 - 120				05/04/21 15:25	05/16/21 17:28	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.8		43	7.8	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Acenaphthylene	<5.7		43	5.7	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Anthracene	<7.2		43	7.2	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Benzo[a]anthracene	<5.8		43	5.8	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Benzo[a]pyrene	<8.4		43	8.4	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Benzo[b]fluoranthene	<9.3		43	9.3	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Benzo[g,h,i]perylene	<14		43	14	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Benzo[k]fluoranthene	<13		43	13	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Chrysene	<12		43	12	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Dibenz(a,h)anthracene	<8.4		43	8.4	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Fluoranthene	<8.0		43	8.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Fluorene	<6.1		43	6.1	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Indeno[1,2,3-cd]pyrene	<11		43	11	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
1-Methylnaphthalene	<11		87	11	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
2-Methylnaphthalene	<8.0		87	8.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Naphthalene	<6.7		43	6.7	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Phenanthrene	<6.0		43	6.0	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Pyrene	<8.6		43	8.6	ug/Kg	☼	05/13/21 18:56	05/14/21 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		43 - 145				05/13/21 18:56	05/14/21 14:49	1
Nitrobenzene-d5 (Surr)	82		37 - 147				05/13/21 18:56	05/14/21 14:49	1
Terphenyl-d14 (Surr)	81		42 - 157				05/13/21 18:56	05/14/21 14:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.7		22	7.7	ug/Kg	☼	05/14/21 19:33	05/17/21 15:45	1
PCB-1221	<9.6		22	9.6	ug/Kg	☼	05/14/21 19:33	05/17/21 15:45	1
PCB-1232	<9.5		22	9.5	ug/Kg	☼	05/14/21 19:33	05/17/21 15:45	1
PCB-1242	<7.2		22	7.2	ug/Kg	☼	05/14/21 19:33	05/17/21 15:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Date Collected: 05/04/21 15:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 75.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.6		22	8.6	ug/Kg	✳	05/14/21 19:33	05/17/21 15:45	1
PCB-1254	<4.7		22	4.7	ug/Kg	✳	05/14/21 19:33	05/17/21 15:45	1
PCB-1260	<11		22	11	ug/Kg	✳	05/14/21 19:33	05/17/21 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		49 - 129				05/14/21 19:33	05/17/21 15:45	1
DCB Decachlorobiphenyl	75		37 - 121				05/14/21 19:33	05/17/21 15:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		24	9.9	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Antimony	<0.47		2.4	0.47	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Arsenic	<0.42		1.2	0.42	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Barium	13		1.2	0.14	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Cadmium	0.11 J		0.24	0.044	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Chromium	8.0		1.2	0.60	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Copper	11		1.2	0.34	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Iron	5700		24	13	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Lead	2.3		0.61	0.28	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Manganese	160		1.2	0.18	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Nickel	7.3		1.2	0.35	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Selenium	<0.72		1.2	0.72	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Silver	0.27 J		0.61	0.16	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1
Thallium	<0.61		1.2	0.61	mg/Kg	✳	05/16/21 06:03	05/17/21 10:39	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087 J		0.020	0.0067	mg/Kg	✳	05/14/21 14:30	05/17/21 08:42	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-04-210505

Lab Sample ID: 500-198702-22

Date Collected: 05/03/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Bromobenzene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Bromochloromethane	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Bromodichloromethane	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Bromoform	<24		50	24	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Bromomethane	<40	*+	150	40	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Chlorobenzene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Chloroethane	<25	*+	50	25	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Chloroform	<19		100	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Chloromethane	<16		50	16	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Dibromochloromethane	<24	*-	50	24	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Dibromomethane	<14		50	14	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Isopropylbenzene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Isopropyl ether	<14		50	14	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Methylene Chloride	<82		250	82	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Naphthalene	<17		50	17	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
n-Butylbenzene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
N-Propylbenzene	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Styrene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Tetrachloroethene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Toluene	<7.4		13	7.4	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-04-210505

Lab Sample ID: 500-198702-22

Date Collected: 05/03/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Vinyl chloride	<13		50	13	ug/Kg		05/03/21 00:00	05/16/21 11:07	50
Xylenes, Total	<11		25	11	ug/Kg		05/03/21 00:00	05/16/21 11:07	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	05/03/21 00:00	05/16/21 11:07	50
Dibromofluoromethane (Surr)	81		75 - 120	05/03/21 00:00	05/16/21 11:07	50
1,2-Dichloroethane-d4 (Surr)	91		75 - 126	05/03/21 00:00	05/16/21 11:07	50
Toluene-d8 (Surr)	98		75 - 120	05/03/21 00:00	05/16/21 11:07	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-05-210505

Lab Sample ID: 500-198702-23

Date Collected: 05/04/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Bromobenzene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Bromochloromethane	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Bromodichloromethane	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Bromoform	<24		50	24	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Bromomethane	<40	*+	150	40	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Chlorobenzene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Chloroethane	<25	*+	50	25	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Chloroform	<19		100	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Chloromethane	<16		50	16	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Dibromochloromethane	<24	*-	50	24	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Dibromomethane	<14		50	14	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Isopropylbenzene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Isopropyl ether	<14		50	14	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Methylene Chloride	<82		250	82	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Naphthalene	<17		50	17	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
n-Butylbenzene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
N-Propylbenzene	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Styrene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Tetrachloroethene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Toluene	<7.4		13	7.4	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-05-210505

Lab Sample ID: 500-198702-23

Date Collected: 05/04/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Vinyl chloride	<13		50	13	ug/Kg		05/04/21 00:00	05/16/21 11:34	50
Xylenes, Total	<11		25	11	ug/Kg		05/04/21 00:00	05/16/21 11:34	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124	05/04/21 00:00	05/16/21 11:34	50
Dibromofluoromethane (Surr)	82		75 - 120	05/04/21 00:00	05/16/21 11:34	50
1,2-Dichloroethane-d4 (Surr)	91		75 - 126	05/04/21 00:00	05/16/21 11:34	50
Toluene-d8 (Surr)	95		75 - 120	05/04/21 00:00	05/16/21 11:34	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-06-210505

Lab Sample ID: 500-198702-24

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Bromobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Bromochloromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Bromodichloromethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Bromoform	<24		50	24	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Bromomethane	<40	*+	150	40	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Chlorobenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Chloroethane	<25	*+	50	25	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Chloroform	<19		100	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Chloromethane	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Dibromochloromethane	<24	*-	50	24	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Dibromomethane	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Isopropylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Isopropyl ether	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Methylene Chloride	<82		250	82	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Naphthalene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
n-Butylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
N-Propylbenzene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Styrene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Tetrachloroethene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Toluene	<7.4		13	7.4	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-06-210505

Lab Sample ID: 500-198702-24

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Vinyl chloride	<13		50	13	ug/Kg		05/05/21 00:00	05/16/21 12:01	50
Xylenes, Total	<11		25	11	ug/Kg		05/05/21 00:00	05/16/21 12:01	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	05/05/21 00:00	05/16/21 12:01	50
Dibromofluoromethane (Surr)	80		75 - 120	05/05/21 00:00	05/16/21 12:01	50
1,2-Dichloroethane-d4 (Surr)	93		75 - 126	05/05/21 00:00	05/16/21 12:01	50
Toluene-d8 (Surr)	94		75 - 120	05/05/21 00:00	05/16/21 12:01	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-07-210505

Lab Sample ID: 500-198702-25

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Bromobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Bromochloromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Bromodichloromethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Bromoform	<24		50	24	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Bromomethane	<40	*+	150	40	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Chlorobenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Chloroethane	<25	*+	50	25	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Chloroform	<19		100	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Chloromethane	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Dibromochloromethane	<24	*-	50	24	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Dibromomethane	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Isopropylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Isopropyl ether	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Methylene Chloride	<82		250	82	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Naphthalene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
n-Butylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
N-Propylbenzene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Styrene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Tetrachloroethene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Toluene	<7.4		13	7.4	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-07-210505

Lab Sample ID: 500-198702-25

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Vinyl chloride	<13		50	13	ug/Kg		05/05/21 00:00	05/16/21 12:28	50
Xylenes, Total	<11		25	11	ug/Kg		05/05/21 00:00	05/16/21 12:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	05/05/21 00:00	05/16/21 12:28	50
Dibromofluoromethane (Surr)	81		75 - 120	05/05/21 00:00	05/16/21 12:28	50
1,2-Dichloroethane-d4 (Surr)	92		75 - 126	05/05/21 00:00	05/16/21 12:28	50
Toluene-d8 (Surr)	94		75 - 120	05/05/21 00:00	05/16/21 12:28	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-08-210505

Lab Sample ID: 500-198702-26

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Bromobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Bromochloromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Bromodichloromethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Bromoform	<24		50	24	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Bromomethane	<40	*+	150	40	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Chlorobenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Chloroethane	<25	*+	50	25	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Chloroform	<19		100	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Chloromethane	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Dibromochloromethane	<24	*-	50	24	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Dibromomethane	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Isopropylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Isopropyl ether	<14		50	14	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Methylene Chloride	<82		250	82	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Naphthalene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
n-Butylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
N-Propylbenzene	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Styrene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Tetrachloroethene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Toluene	<7.4		13	7.4	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-08-210505

Lab Sample ID: 500-198702-26

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Vinyl chloride	<13		50	13	ug/Kg		05/05/21 00:00	05/16/21 12:56	50
Xylenes, Total	<11		25	11	ug/Kg		05/05/21 00:00	05/16/21 12:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	05/05/21 00:00	05/16/21 12:56	50
Dibromofluoromethane (Surr)	81		75 - 120	05/05/21 00:00	05/16/21 12:56	50
1,2-Dichloroethane-d4 (Surr)	92		75 - 126	05/05/21 00:00	05/16/21 12:56	50
Toluene-d8 (Surr)	95		75 - 120	05/05/21 00:00	05/16/21 12:56	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Date Collected: 05/05/21 10:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.8		17	9.8	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Bromobenzene	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Bromochloromethane	<29		67	29	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Bromodichloromethane	<25		67	25	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Bromoform	<32		67	32	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Bromomethane	<53	*+	200	53	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Carbon tetrachloride	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Chlorobenzene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Chloroethane	<34	*+	67	34	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Chloroform	<25		130	25	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Chloromethane	<21		67	21	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
2-Chlorotoluene	<21		67	21	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
4-Chlorotoluene	<23		67	23	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Dibromochloromethane	<33	*-	67	33	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2-Dibromo-3-Chloropropane	<130	*-	340	130	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2-Dibromoethane	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Dibromomethane	<18		67	18	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1-Dichloroethane	<28		67	28	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2-Dichloroethane	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1-Dichloroethene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2-Dichloropropane	<29		67	29	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,3-Dichloropropane	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
2,2-Dichloropropane	<30		67	30	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1-Dichloropropene	<20		67	20	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Ethylbenzene	<12		17	12	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Hexachlorobutadiene	<30		67	30	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Isopropylbenzene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Isopropyl ether	<19		67	19	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Methylene Chloride	<110		340	110	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Naphthalene	<22		67	22	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
n-Butylbenzene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
N-Propylbenzene	<28		67	28	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
p-Isopropyltoluene	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
sec-Butylbenzene	<27		67	27	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Styrene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
tert-Butylbenzene	<27		67	27	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Tetrachloroethene	<25		67	25	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Toluene	<9.9		17	9.9	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Date Collected: 05/05/21 10:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1,1-Trichloroethane	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,1,2-Trichloroethane	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Trichloroethene	<11		34	11	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Trichlorofluoromethane	<29		67	29	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
1,3,5-Trimethylbenzene	<26		67	26	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Vinyl chloride	<18		67	18	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Xylenes, Total	<15		34	15	ug/Kg	☼	05/05/21 10:05	05/16/21 17:55	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124				05/05/21 10:05	05/16/21 17:55	50
Dibromofluoromethane (Surr)	83		75 - 120				05/05/21 10:05	05/16/21 17:55	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126				05/05/21 10:05	05/16/21 17:55	50
Toluene-d8 (Surr)	93		75 - 120				05/05/21 10:05	05/16/21 17:55	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Anthracene	<6.5		38	6.5	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Benzo[a]anthracene	9.8	J	38	5.2	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Benzo[a]pyrene	11	J	38	7.5	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Benzo[b]fluoranthene	18	J	38	8.3	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Chrysene	14	J	38	11	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Fluoranthene	16	J	38	7.2	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Indeno[1,2,3-cd]pyrene	<10		38	10	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
1-Methylnaphthalene	13	J	78	9.4	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
2-Methylnaphthalene	12	J	78	7.1	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Naphthalene	7.3	J	38	5.9	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Phenanthrene	15	J	38	5.4	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Pyrene	13	J	38	7.7	ug/Kg	☼	05/13/21 18:56	05/14/21 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		43 - 145				05/13/21 18:56	05/14/21 15:10	1
Nitrobenzene-d5 (Surr)	90		37 - 147				05/13/21 18:56	05/14/21 15:10	1
Terphenyl-d14 (Surr)	91		42 - 157				05/13/21 18:56	05/14/21 15:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	05/14/21 19:33	05/17/21 16:01	1
PCB-1221	<8.5		19	8.5	ug/Kg	☼	05/14/21 19:33	05/17/21 16:01	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	05/14/21 19:33	05/17/21 16:01	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	05/14/21 19:33	05/17/21 16:01	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Date Collected: 05/05/21 10:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	✳	05/14/21 19:33	05/17/21 16:01	1
PCB-1254	<4.2		19	4.2	ug/Kg	✳	05/14/21 19:33	05/17/21 16:01	1
PCB-1260	<9.5		19	9.5	ug/Kg	✳	05/14/21 19:33	05/17/21 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		49 - 129				05/14/21 19:33	05/17/21 16:01	1
DCB Decachlorobiphenyl	76		37 - 121				05/14/21 19:33	05/17/21 16:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5500		22	8.9	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Antimony	<0.43		2.2	0.43	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Arsenic	1.3		1.1	0.37	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Barium	20		1.1	0.12	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Cadmium	0.088	J	0.22	0.039	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Chromium	9.8		1.1	0.54	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Copper	10		1.1	0.31	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Iron	9900		22	11	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Lead	5.7		0.55	0.25	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Manganese	210		1.1	0.16	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Nickel	10		1.1	0.32	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Selenium	<0.64		1.1	0.64	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Silver	0.29	J	0.55	0.14	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1
Thallium	0.58	J	1.1	0.55	mg/Kg	✳	05/16/21 06:03	05/17/21 10:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.018	0.0061	mg/Kg	✳	05/14/21 14:30	05/17/21 08:44	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Date Collected: 05/05/21 10:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Bromobenzene	<29		80	29	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Bromochloromethane	<34		80	34	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Bromodichloromethane	<30		80	30	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Bromoform	<39		80	39	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Bromomethane	<64	*+	240	64	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Carbon tetrachloride	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Chlorobenzene	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Chloroethane	<41	*+	80	41	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Chloroform	<30		160	30	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Chloromethane	<26		80	26	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
2-Chlorotoluene	<25		80	25	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
4-Chlorotoluene	<28		80	28	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
cis-1,2-Dichloroethene	<33		80	33	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
cis-1,3-Dichloropropene	<33		80	33	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Dibromochloromethane	<39	*-	80	39	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,2-Dibromo-3-Chloropropane	<160	*-	400	160	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,2-Dibromoethane	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Dibromomethane	<22		80	22	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,2-Dichlorobenzene	<27		80	27	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,3-Dichlorobenzene	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,4-Dichlorobenzene	<29		80	29	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,1-Dichloroethane	<33		80	33	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,2-Dichloroethane	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,1-Dichloroethene	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,2-Dichloropropane	<34		80	34	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,3-Dichloropropane	<29		80	29	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
2,2-Dichloropropane	<36		80	36	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,1-Dichloropropene	<24		80	24	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Ethylbenzene	<15		20	15	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Hexachlorobutadiene	<36		80	36	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Isopropylbenzene	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Isopropyl ether	<22		80	22	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Methylene Chloride	<130		400	130	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Methyl tert-butyl ether	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Naphthalene	<27		80	27	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
n-Butylbenzene	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
N-Propylbenzene	<33		80	33	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
p-Isopropyltoluene	<29		80	29	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
sec-Butylbenzene	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Styrene	<31		80	31	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
tert-Butylbenzene	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,1,1,2-Tetrachloroethane	<37		80	37	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
1,1,2,2-Tetrachloroethane	<32		80	32	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Tetrachloroethene	<30		80	30	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
Toluene	<12		20	12	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
trans-1,2-Dichloroethene	<28		80	28	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50
trans-1,3-Dichloropropene	<29		80	29	ug/Kg	☼	05/05/21 10:10	05/16/21 18:22	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Date Collected: 05/05/21 10:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		80	37	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,2,4-Trichlorobenzene	<27		80	27	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,1,1-Trichloroethane	<31		80	31	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,1,2-Trichloroethane	<28		80	28	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
Trichloroethene	<13		40	13	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
Trichlorofluoromethane	<34		80	34	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,2,4-Trimethylbenzene	<29		80	29	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
1,3,5-Trimethylbenzene	<31		80	31	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
Vinyl chloride	<21		80	21	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
Xylenes, Total	<18		40	18	ug/Kg	✳	05/05/21 10:10	05/16/21 18:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/05/21 10:10	05/16/21 18:22	50
Dibromofluoromethane (Surr)	82		75 - 120				05/05/21 10:10	05/16/21 18:22	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126				05/05/21 10:10	05/16/21 18:22	50
Toluene-d8 (Surr)	95		75 - 120				05/05/21 10:10	05/16/21 18:22	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.8		43	7.8	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Acenaphthylene	<5.7		43	5.7	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Anthracene	<7.2		43	7.2	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Benzo[a]anthracene	<5.8		43	5.8	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Benzo[a]pyrene	<8.4		43	8.4	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Benzo[b]fluoranthene	<9.3		43	9.3	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Benzo[g,h,i]perylene	<14		43	14	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Benzo[k]fluoranthene	<13		43	13	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Chrysene	<12		43	12	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Dibenz(a,h)anthracene	<8.3		43	8.3	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Fluoranthene	<8.0		43	8.0	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Fluorene	<6.1		43	6.1	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Indeno[1,2,3-cd]pyrene	<11		43	11	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
1-Methylnaphthalene	<11		87	11	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
2-Methylnaphthalene	<7.9		87	7.9	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Naphthalene	<6.6		43	6.6	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Phenanthrene	<6.0		43	6.0	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Pyrene	<8.6		43	8.6	ug/Kg	✳	05/13/21 18:56	05/14/21 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		43 - 145				05/13/21 18:56	05/14/21 15:32	1
Nitrobenzene-d5 (Surr)	85		37 - 147				05/13/21 18:56	05/14/21 15:32	1
Terphenyl-d14 (Surr)	88		42 - 157				05/13/21 18:56	05/14/21 15:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.6		22	7.6	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
PCB-1221	<9.5		22	9.5	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
PCB-1232	<9.4		22	9.4	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
PCB-1242	<7.1		22	7.1	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Date Collected: 05/05/21 10:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.5		22	8.5	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
PCB-1254	<4.7		22	4.7	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
PCB-1260	<11		22	11	ug/Kg	✳	05/14/21 19:33	05/17/21 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		49 - 129				05/14/21 19:33	05/17/21 16:16	1
DCB Decachlorobiphenyl	75		37 - 121				05/14/21 19:33	05/17/21 16:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4800		25	10	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Antimony	<0.48		2.5	0.48	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Arsenic	0.82	J	1.2	0.42	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Barium	16		1.2	0.14	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Cadmium	0.089	J	0.25	0.044	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Chromium	9.4		1.2	0.61	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Copper	10		1.2	0.34	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Iron	6600		25	13	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Lead	2.4		0.62	0.28	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Manganese	150		1.2	0.18	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Nickel	7.8		1.2	0.36	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Selenium	<0.72		1.2	0.72	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Silver	0.20	J	0.62	0.16	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1
Thallium	<0.61		1.2	0.61	mg/Kg	✳	05/16/21 06:03	05/17/21 10:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0067		0.020	0.0067	mg/Kg	✳	05/14/21 14:30	05/17/21 08:46	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		20	11	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Bromobenzene	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Bromochloromethane	<33		78	33	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Bromodichloromethane	<29		78	29	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Bromoform	<38		78	38	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Bromomethane	<62	*+	230	62	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Carbon tetrachloride	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Chlorobenzene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Chloroethane	<39	*+	78	39	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Chloroform	<29		160	29	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Chloromethane	<25		78	25	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
2-Chlorotoluene	<24		78	24	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
4-Chlorotoluene	<27		78	27	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
cis-1,2-Dichloroethene	<32		78	32	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
cis-1,3-Dichloropropene	<32		78	32	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Dibromochloromethane	<38	*-	78	38	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2-Dibromo-3-Chloropropane	<160	*-	390	160	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2-Dibromoethane	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Dibromomethane	<21		78	21	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2-Dichlorobenzene	<26		78	26	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,3-Dichlorobenzene	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,4-Dichlorobenzene	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Dichlorodifluoromethane	<53		230	53	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1-Dichloroethane	<32		78	32	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2-Dichloroethane	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1-Dichloroethene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2-Dichloropropane	<33		78	33	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,3-Dichloropropane	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
2,2-Dichloropropane	<35		78	35	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1-Dichloropropene	<23		78	23	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Ethylbenzene	<14		20	14	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Hexachlorobutadiene	<35		78	35	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Isopropylbenzene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Isopropyl ether	<22		78	22	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Methylene Chloride	<130		390	130	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Methyl tert-butyl ether	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Naphthalene	<26		78	26	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
n-Butylbenzene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
N-Propylbenzene	<32		78	32	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
p-Isopropyltoluene	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
sec-Butylbenzene	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Styrene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
tert-Butylbenzene	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1,1,2-Tetrachloroethane	<36		78	36	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1,2,2-Tetrachloroethane	<31		78	31	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Tetrachloroethene	<29		78	29	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Toluene	<11		20	11	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
trans-1,2-Dichloroethene	<27		78	27	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
trans-1,3-Dichloropropene	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		78	36	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2,4-Trichlorobenzene	<27		78	27	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1,1-Trichloroethane	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,1,2-Trichloroethane	<27		78	27	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Trichloroethene	<13		39	13	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Trichlorofluoromethane	<33		78	33	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2,3-Trichloropropane	<32		160	32	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,2,4-Trimethylbenzene	<28		78	28	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
1,3,5-Trimethylbenzene	<30		78	30	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Vinyl chloride	<20		78	20	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Xylenes, Total	<17		39	17	ug/Kg	☼	05/05/21 12:25	05/16/21 18:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124				05/05/21 12:25	05/16/21 18:49	50
Dibromofluoromethane (Surr)	84		75 - 120				05/05/21 12:25	05/16/21 18:49	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126				05/05/21 12:25	05/16/21 18:49	50
Toluene-d8 (Surr)	94		75 - 120				05/05/21 12:25	05/16/21 18:49	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	45		42	7.5	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Acenaphthylene	9.7	J	42	5.5	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Anthracene	95		42	7.0	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Benzo[a]anthracene	310		42	5.6	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Benzo[a]pyrene	410		42	8.1	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Benzo[b]fluoranthene	460		42	9.0	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Benzo[g,h,i]perylene	170		42	13	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Benzo[k]fluoranthene	190		42	12	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Chrysene	280		42	11	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Dibenz(a,h)anthracene	52		42	8.1	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Fluoranthene	400		42	7.7	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Fluorene	21	J	42	5.9	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Indeno[1,2,3-cd]pyrene	170		42	11	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
1-Methylnaphthalene	31	J	84	10	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
2-Methylnaphthalene	37	J	84	7.7	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Naphthalene	33	J	42	6.4	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Phenanthrene	270		42	5.8	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Pyrene	350		42	8.3	ug/Kg	☼	05/13/21 18:56	05/14/21 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	82		43 - 145				05/13/21 18:56	05/14/21 15:53	1
Nitrobenzene-d5 (Surr)	87		37 - 147				05/13/21 18:56	05/14/21 15:53	1
Terphenyl-d14 (Surr)	84		42 - 157				05/13/21 18:56	05/14/21 15:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.5		21	7.5	ug/Kg	☼	05/14/21 19:33	05/17/21 16:31	1
PCB-1221	<9.3		21	9.3	ug/Kg	☼	05/14/21 19:33	05/17/21 16:31	1
PCB-1232	<9.2		21	9.2	ug/Kg	☼	05/14/21 19:33	05/17/21 16:31	1
PCB-1242	<6.9		21	6.9	ug/Kg	☼	05/14/21 19:33	05/17/21 16:31	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.3		21	8.3	ug/Kg	✱	05/14/21 19:33	05/17/21 16:31	1
PCB-1254	<4.6		21	4.6	ug/Kg	✱	05/14/21 19:33	05/17/21 16:31	1
PCB-1260	<10		21	10	ug/Kg	✱	05/14/21 19:33	05/17/21 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	44	S1-	49 - 129				05/14/21 19:33	05/17/21 16:31	1
DCB Decachlorobiphenyl	37		37 - 121				05/14/21 19:33	05/17/21 16:31	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.036		0.25	0.036	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluoropentanoic acid (PFPeA)	<0.098		0.25	0.098	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorohexanoic acid (PFHxA)	<0.053		0.25	0.053	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluoroheptanoic acid (PFHpA)	0.17	J I	0.25	0.037	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorooctanoic acid (PFOA)	3.9		0.25	0.11	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorononanoic acid (PFNA)	<0.046		0.25	0.046	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorodecanoic acid (PFDA)	<0.028		0.25	0.028	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluoroundecanoic acid (PFUnA)	<0.046		0.25	0.046	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorododecanoic acid (PFDoA)	<0.085		0.25	0.085	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorotridecanoic acid (PFTTrDA)	<0.065		0.25	0.065	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorotetradecanoic acid (PFTTeA)	<0.069		0.25	0.069	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorobutanesulfonic acid (PFBS)	<0.032		0.25	0.032	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluoropentanesulfonic acid (PFPeS)	<0.025		0.25	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorohexanesulfonic acid (PFHxS)	<0.039		0.25	0.039	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.045		0.25	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorooctanesulfonic acid (PFOS)	<0.25		0.64	0.25	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorononanesulfonic acid (PFNS)	<0.025		0.25	0.025	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.050		0.25	0.050	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.076		0.25	0.076	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.25	0.10	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NEtFOSA	<0.031		0.25	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NMeFOSA	<0.052		0.25	0.052	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NMeFOSAA	<0.50		2.5	0.50	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NEtFOSAA	<0.47		2.5	0.47	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NMeFOSE	<0.090		0.25	0.090	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
NEtFOSE	<0.046		0.25	0.046	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
4:2 FTS	<0.47		2.5	0.47	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
6:2 FTS	<0.19		2.5	0.19	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
8:2 FTS	<0.32		2.5	0.32	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.023		0.25	0.023	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
HFPO-DA (GenX)	<0.14		0.32	0.14	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
9Cl-PF3ONS	<0.034		0.25	0.034	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
11Cl-PF3OUdS	<0.028		0.25	0.028	ug/Kg	✱	05/10/21 11:33	05/11/21 19:44	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	121		25 - 150				05/10/21 11:33	05/11/21 19:44	1
13C5 PFPeA	102		25 - 150				05/10/21 11:33	05/11/21 19:44	1
13C2 PFHxA	104		25 - 150				05/10/21 11:33	05/11/21 19:44	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.8

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	99		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C4 PFOA	100		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C5 PFNA	112		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C2 PFDA	103		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C2 PFUnA	113		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C2 PFDoA	105		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C2 PFTeDA	82		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C3 PFBS	102		25 - 150	05/10/21 11:33	05/11/21 19:44	1
18O2 PFHxS	94		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C4 PFOS	97		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C8 FOSA	83		10 - 150	05/10/21 11:33	05/11/21 19:44	1
d3-NMeFOSAA	106		25 - 150	05/10/21 11:33	05/11/21 19:44	1
d5-NEtFOSAA	108		25 - 150	05/10/21 11:33	05/11/21 19:44	1
d-N-MeFOSA-M	59		10 - 150	05/10/21 11:33	05/11/21 19:44	1
d-N-EtFOSA-M	67		10 - 150	05/10/21 11:33	05/11/21 19:44	1
d7-N-MeFOSE-M	83		10 - 150	05/10/21 11:33	05/11/21 19:44	1
d9-N-EtFOSE-M	67		10 - 150	05/10/21 11:33	05/11/21 19:44	1
M2-4:2 FTS	232	*5+	25 - 150	05/10/21 11:33	05/11/21 19:44	1
M2-6:2 FTS	287	*5+	25 - 150	05/10/21 11:33	05/11/21 19:44	1
M2-8:2 FTS	279	*5+	25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C3 HFPO-DA	101		25 - 150	05/10/21 11:33	05/11/21 19:44	1
13C2 10:2 FTS	191	*5+	25 - 150	05/10/21 11:33	05/11/21 19:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		23	9.2	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Antimony	<0.44		2.3	0.44	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Arsenic	0.48	J	1.1	0.39	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Barium	12		1.1	0.13	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Cadmium	0.11	J	0.23	0.041	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Chromium	6.5		1.1	0.56	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Copper	16		1.1	0.32	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Iron	7100		23	12	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Lead	2.8		0.56	0.26	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Manganese	230		1.1	0.16	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Nickel	8.8		1.1	0.33	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Selenium	<0.66		1.1	0.66	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Silver	0.22	J	0.56	0.15	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1
Thallium	0.80	J	1.1	0.56	mg/Kg	☼	05/16/21 06:03	05/17/21 10:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0069		0.021	0.0069	mg/Kg	☼	05/14/21 14:30	05/17/21 08:47	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Bromobenzene	<24		69	24	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Bromochloromethane	<29		69	29	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Bromodichloromethane	<26		69	26	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Bromoform	<33		69	33	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Bromomethane	<55		210	55	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Carbon tetrachloride	<26		69	26	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Chlorobenzene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Chloroethane	<35	*+	69	35	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Chloroform	<25		140	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Chloromethane	<22		69	22	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
2-Chlorotoluene	<22		69	22	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
4-Chlorotoluene	<24		69	24	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
cis-1,2-Dichloroethene	<28		69	28	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
cis-1,3-Dichloropropene	<29		69	29	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Dibromochloromethane	<34		69	34	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2-Dibromo-3-Chloropropane	<140		340	140	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2-Dibromoethane	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Dibromomethane	<19		69	19	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2-Dichlorobenzene	<23		69	23	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,3-Dichlorobenzene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,4-Dichlorobenzene	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Dichlorodifluoromethane	<46		210	46	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1-Dichloroethane	<28		69	28	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2-Dichloroethane	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1-Dichloroethene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2-Dichloropropane	<29		69	29	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,3-Dichloropropane	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
2,2-Dichloropropane	<31		69	31	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1-Dichloropropene	<20		69	20	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Ethylbenzene	<13		17	13	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Hexachlorobutadiene	<31		69	31	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Isopropylbenzene	<26		69	26	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Isopropyl ether	<19		69	19	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Methylene Chloride	<110		340	110	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Methyl tert-butyl ether	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Naphthalene	<23		69	23	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
n-Butylbenzene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
N-Propylbenzene	<28		69	28	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
p-Isopropyltoluene	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
sec-Butylbenzene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Styrene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
tert-Butylbenzene	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1,1,2-Tetrachloroethane	<32		69	32	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1,2,2-Tetrachloroethane	<27		69	27	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Tetrachloroethene	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Toluene	<10		17	10	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
trans-1,2-Dichloroethene	<24		69	24	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
trans-1,3-Dichloropropene	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		69	31	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2,4-Trichlorobenzene	<24		69	24	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1,1-Trichloroethane	<26		69	26	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,1,2-Trichloroethane	<24		69	24	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Trichloroethene	<11		34	11	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Trichlorofluoromethane	<29		69	29	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,2,4-Trimethylbenzene	<25		69	25	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
1,3,5-Trimethylbenzene	<26		69	26	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Vinyl chloride	<18		69	18	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Xylenes, Total	<15		34	15	ug/Kg	☼	05/05/21 12:30	05/17/21 15:35	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		72 - 124				05/05/21 12:30	05/17/21 15:35	50
Dibromofluoromethane (Surr)	84		75 - 120				05/05/21 12:30	05/17/21 15:35	50
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				05/05/21 12:30	05/17/21 15:35	50
Toluene-d8 (Surr)	93		75 - 120				05/05/21 12:30	05/17/21 15:35	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Anthracene	7.5 J		38	6.4	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Benzo[a]anthracene	22 J		38	5.1	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Benzo[a]pyrene	30 J		38	7.4	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Benzo[b]fluoranthene	28 J		38	8.2	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Benzo[k]fluoranthene	14 J		38	11	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Chrysene	20 J		38	10	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Dibenz(a,h)anthracene	<7.3		38	7.3	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Fluoranthene	24 J		38	7.1	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Indeno[1,2,3-cd]pyrene	<9.9		38	9.9	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
1-Methylnaphthalene	<9.3		77	9.3	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
2-Methylnaphthalene	<7.0		77	7.0	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Phenanthrene	18 J		38	5.3	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Pyrene	22 J		38	7.6	ug/Kg	☼	05/13/21 18:56	05/14/21 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	82		43 - 145				05/13/21 18:56	05/14/21 16:14	1
Nitrobenzene-d5 (Surr)	95		37 - 147				05/13/21 18:56	05/14/21 16:14	1
Terphenyl-d14 (Surr)	89		42 - 157				05/13/21 18:56	05/14/21 16:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	05/14/21 19:33	05/17/21 16:47	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	05/14/21 19:33	05/17/21 16:47	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	05/14/21 19:33	05/17/21 16:47	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	05/14/21 19:33	05/17/21 16:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	✱	05/14/21 19:33	05/17/21 16:47	1
PCB-1254	<4.2		20	4.2	ug/Kg	✱	05/14/21 19:33	05/17/21 16:47	1
PCB-1260	<9.6		20	9.6	ug/Kg	✱	05/14/21 19:33	05/17/21 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		49 - 129				05/14/21 19:33	05/17/21 16:47	1
DCB Decachlorobiphenyl	60		37 - 121				05/14/21 19:33	05/17/21 16:47	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.029		0.21	0.029	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoropentanoic acid (PFPeA)	<0.080		0.21	0.080	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorohexanoic acid (PFHxA)	<0.043		0.21	0.043	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoroheptanoic acid (PFHpA)	<0.030		0.21	0.030	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorooctanoic acid (PFOA)	7.3		0.21	0.089	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorononanoic acid (PFNA)	<0.037		0.21	0.037	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorodecanoic acid (PFDA)	<0.023		0.21	0.023	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoroundecanoic acid (PFUnA)	<0.037		0.21	0.037	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorododecanoic acid (PFDoA)	<0.069		0.21	0.069	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorotridecanoic acid (PFTTrDA)	<0.053		0.21	0.053	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorotetradecanoic acid (PFTTeA)	<0.056		0.21	0.056	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorobutanesulfonic acid (PFBS)	<0.026		0.21	0.026	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorohexanesulfonic acid (PFHxS)	<0.032		0.21	0.032	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.036		0.21	0.036	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorooctanesulfonic acid (PFOS)	<0.21		0.52	0.21	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluoronanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorodecanesulfonic acid (PFDS)	<0.040		0.21	0.040	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorododecanesulfonic acid (PFDoS)	<0.062		0.21	0.062	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Perfluorooctanesulfonamide (FOSA)	<0.085		0.21	0.085	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NEtFOSA	<0.025		0.21	0.025	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NMeFOSA	<0.042		0.21	0.042	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NMeFOSAA	<0.40		2.1	0.40	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NEtFOSAA	<0.38		2.1	0.38	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NMeFOSE	<0.073		0.21	0.073	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
NEtFOSE	<0.037		0.21	0.037	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
4:2 FTS	<0.38		2.1	0.38	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
8:2 FTS	<0.26		2.1	0.26	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019		0.21	0.019	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
HFPO-DA (GenX)	<0.11		0.26	0.11	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
9Cl-PF3ONS	<0.028		0.21	0.028	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
11Cl-PF3OUdS	<0.023		0.21	0.023	ug/Kg	✱	05/10/21 11:33	05/18/21 17:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				05/10/21 11:33	05/18/21 17:18	1
13C5 PFPeA	76		25 - 150				05/10/21 11:33	05/18/21 17:18	1
13C2 PFHxA	88		25 - 150				05/10/21 11:33	05/18/21 17:18	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	78		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C4 PFOA	96		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C5 PFNA	103		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C2 PFDA	91		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C2 PFUnA	100		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C2 PFDoA	87		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C2 PFTeDA	91		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C3 PFBS	74		25 - 150	05/10/21 11:33	05/18/21 17:18	1
18O2 PFHxS	87		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C4 PFOS	89		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C8 FOSA	91		10 - 150	05/10/21 11:33	05/18/21 17:18	1
d3-NMeFOSAA	100		25 - 150	05/10/21 11:33	05/18/21 17:18	1
d5-NEtFOSAA	101		25 - 150	05/10/21 11:33	05/18/21 17:18	1
d-N-MeFOSA-M	69		10 - 150	05/10/21 11:33	05/18/21 17:18	1
d-N-EtFOSA-M	66		10 - 150	05/10/21 11:33	05/18/21 17:18	1
d7-N-MeFOSE-M	77		10 - 150	05/10/21 11:33	05/18/21 17:18	1
d9-N-EtFOSE-M	64		10 - 150	05/10/21 11:33	05/18/21 17:18	1
M2-4:2 FTS	100		25 - 150	05/10/21 11:33	05/18/21 17:18	1
M2-6:2 FTS	140		25 - 150	05/10/21 11:33	05/18/21 17:18	1
M2-8:2 FTS	138		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C3 HFPO-DA	74		25 - 150	05/10/21 11:33	05/18/21 17:18	1
13C2 10:2 FTS	124		25 - 150	05/10/21 11:33	05/18/21 17:18	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		22	9.0	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Antimony	<0.43		2.2	0.43	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Arsenic	1.3		1.1	0.38	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Barium	11		1.1	0.13	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Cadmium	0.10	J	0.22	0.040	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Chromium	7.0		1.1	0.55	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Copper	14		1.1	0.31	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Iron	7800		22	11	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Lead	2.3		0.55	0.26	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Manganese	230		1.1	0.16	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Nickel	9.9		1.1	0.32	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Selenium	<0.65		1.1	0.65	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Silver	0.20	J	0.55	0.14	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1
Thallium	<0.55		1.1	0.55	mg/Kg	☆	05/16/21 06:03	05/17/21 11:05	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0090	J	0.019	0.0063	mg/Kg	☆	05/14/21 14:30	05/17/21 08:49	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Bromobenzene	<26		72	26	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Bromochloromethane	<31		72	31	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Bromodichloromethane	<27		72	27	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Bromoform	<35		72	35	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Bromomethane	<57		220	57	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Carbon tetrachloride	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Chlorobenzene	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Chloroethane	<36	*+	72	36	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Chloroform	<27		140	27	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Chloromethane	<23		72	23	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
2-Chlorotoluene	<23		72	23	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
4-Chlorotoluene	<25		72	25	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
cis-1,2-Dichloroethene	<29		72	29	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
cis-1,3-Dichloropropene	<30		72	30	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Dibromochloromethane	<35		72	35	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,2-Dibromo-3-Chloropropane	<140		360	140	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,2-Dibromoethane	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Dibromomethane	<19		72	19	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,2-Dichlorobenzene	<24		72	24	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,3-Dichlorobenzene	<29		72	29	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,4-Dichlorobenzene	<26		72	26	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Dichlorodifluoromethane	<49		220	49	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,1-Dichloroethane	<30		72	30	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,2-Dichloroethane	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,1-Dichloroethene	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,2-Dichloropropane	<31		72	31	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,3-Dichloropropane	<26		72	26	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
2,2-Dichloropropane	<32		72	32	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,1-Dichloropropene	<21		72	21	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Ethylbenzene	<13		18	13	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Hexachlorobutadiene	<32		72	32	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Isopropylbenzene	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Isopropyl ether	<20		72	20	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Methylene Chloride	<120		360	120	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Methyl tert-butyl ether	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Naphthalene	26	J	72	24	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
n-Butylbenzene	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
N-Propylbenzene	<30		72	30	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
p-Isopropyltoluene	<26		72	26	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
sec-Butylbenzene	<29		72	29	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Styrene	<28		72	28	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
tert-Butylbenzene	<29		72	29	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,1,1,2-Tetrachloroethane	<33		72	33	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
1,1,2,2-Tetrachloroethane	<29		72	29	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Tetrachloroethene	<27		72	27	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
Toluene	<11		18	11	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
trans-1,2-Dichloroethene	<25		72	25	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50
trans-1,3-Dichloropropene	<26		72	26	ug/Kg	✱	05/05/21 12:25	05/17/21 16:05	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		72	33	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,2,4-Trichlorobenzene	<25		72	25	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,1,1-Trichloroethane	<27		72	27	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,1,2-Trichloroethane	<25		72	25	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
Trichloroethene	<12		36	12	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
Trichlorofluoromethane	<31		72	31	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,2,3-Trichloropropane	<30		140	30	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,2,4-Trimethylbenzene	<26		72	26	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
1,3,5-Trimethylbenzene	<27		72	27	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
Vinyl chloride	<19		72	19	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
Xylenes, Total	<16		36	16	ug/Kg	☼	05/05/21 12:25	05/17/21 16:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		72 - 124				05/05/21 12:25	05/17/21 16:05	50
Dibromofluoromethane (Surr)	84		75 - 120				05/05/21 12:25	05/17/21 16:05	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 12:25	05/17/21 16:05	50
Toluene-d8 (Surr)	94		75 - 120				05/05/21 12:25	05/17/21 16:05	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<36		200	36	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Acenaphthylene	<27		200	27	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Anthracene	<34		200	34	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Benzo[a]anthracene	320		200	27	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Benzo[a]pyrene	360		200	39	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Benzo[b]fluoranthene	390		200	43	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Benzo[g,h,i]perylene	160 J		200	65	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Benzo[k]fluoranthene	240		200	59	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Chrysene	350		200	55	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Dibenz(a,h)anthracene	48 J		200	39	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Fluoranthene	560		200	37	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Fluorene	<28		200	28	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Indeno[1,2,3-cd]pyrene	170 J		200	52	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
1-Methylnaphthalene	190 J		410	49	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
2-Methylnaphthalene	64 J		410	37	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Naphthalene	64 J		200	31	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Phenanthrene	220		200	28	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Pyrene	530		200	40	ug/Kg	☼	05/13/21 18:56	05/15/21 07:01	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		43 - 145				05/13/21 18:56	05/15/21 07:01	5
Nitrobenzene-d5 (Surr)	71		37 - 147				05/13/21 18:56	05/15/21 07:01	5
Terphenyl-d14 (Surr)	111		42 - 157				05/13/21 18:56	05/15/21 07:01	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	05/14/21 19:33	05/17/21 17:02	1
PCB-1221	<8.9		20	8.9	ug/Kg	☼	05/14/21 19:33	05/17/21 17:02	1
PCB-1232	<8.8		20	8.8	ug/Kg	☼	05/14/21 19:33	05/17/21 17:02	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	05/14/21 19:33	05/17/21 17:02	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.0		20	8.0	ug/Kg	✱	05/14/21 19:33	05/17/21 17:02	1
PCB-1254	<4.4		20	4.4	ug/Kg	✱	05/14/21 19:33	05/17/21 17:02	1
PCB-1260	<10		20	10	ug/Kg	✱	05/14/21 19:33	05/17/21 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	50		49 - 129				05/14/21 19:33	05/17/21 17:02	1
DCB Decachlorobiphenyl	57		37 - 121				05/14/21 19:33	05/17/21 17:02	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.031		0.22	0.031	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoropentanoic acid (PFPeA)	<0.085		0.22	0.085	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorohexanoic acid (PFHxA)	<0.046		0.22	0.046	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoroheptanoic acid (PFHpA)	0.30	I	0.22	0.032	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorooctanoic acid (PFOA)	3.6		0.22	0.095	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorododecanoic acid (PFDoA)	<0.074		0.22	0.074	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorotridecanoic acid (PFTTrDA)	<0.056		0.22	0.056	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorotetradecanoic acid (PFTeA)	<0.060		0.22	0.060	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.55	0.22	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorodecanesulfonic acid (PFDS)	<0.043		0.22	0.043	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorododecanesulfonic acid (PFDoS)	<0.066		0.22	0.066	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Perfluorooctanesulfonamide (FOSA)	<0.091		0.22	0.091	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NMeFOSAA	<0.43		2.2	0.43	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NEtFOSAA	<0.41		2.2	0.41	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NMeFOSE	<0.079		0.22	0.079	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
6:2 FTS	<0.17		2.2	0.17	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.22	0.020	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
9Cl-PF3ONS	<0.030		0.22	0.030	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
11Cl-PF3OUdS	<0.024		0.22	0.024	ug/Kg	✱	05/10/21 11:33	05/11/21 20:03	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	115		25 - 150				05/10/21 11:33	05/11/21 20:03	1
13C5 PFPeA	94		25 - 150				05/10/21 11:33	05/11/21 20:03	1
13C2 PFHxA	104		25 - 150				05/10/21 11:33	05/11/21 20:03	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.0

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	97		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C4 PFOA	104		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C5 PFNA	118		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C2 PFDA	106		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C2 PFUnA	115		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C2 PFDoA	114		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C2 PFTeDA	97		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C3 PFBS	103		25 - 150	05/10/21 11:33	05/11/21 20:03	1
18O2 PFHxS	99		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C4 PFOS	95		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C8 FOSA	82		10 - 150	05/10/21 11:33	05/11/21 20:03	1
d3-NMeFOSAA	105		25 - 150	05/10/21 11:33	05/11/21 20:03	1
d5-NEtFOSAA	108		25 - 150	05/10/21 11:33	05/11/21 20:03	1
d-N-MeFOSA-M	78		10 - 150	05/10/21 11:33	05/11/21 20:03	1
d-N-EtFOSA-M	79		10 - 150	05/10/21 11:33	05/11/21 20:03	1
d7-N-MeFOSE-M	84		10 - 150	05/10/21 11:33	05/11/21 20:03	1
d9-N-EtFOSE-M	77		10 - 150	05/10/21 11:33	05/11/21 20:03	1
M2-4:2 FTS	228	*5+	25 - 150	05/10/21 11:33	05/11/21 20:03	1
M2-6:2 FTS	273	*5+	25 - 150	05/10/21 11:33	05/11/21 20:03	1
M2-8:2 FTS	297	*5+	25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C3 HFPO-DA	97		25 - 150	05/10/21 11:33	05/11/21 20:03	1
13C2 10:2 FTS	201	*5+	25 - 150	05/10/21 11:33	05/11/21 20:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		24	9.6	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Antimony	<0.46		2.4	0.46	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Arsenic	2.6		1.2	0.40	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Barium	15		1.2	0.13	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Cadmium	0.15	J	0.24	0.042	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Chromium	5.1		1.2	0.58	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Copper	12		1.2	0.33	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Iron	6800		24	12	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Lead	4.2		0.59	0.27	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Manganese	140		1.2	0.17	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Nickel	8.4		1.2	0.34	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Selenium	<0.69		1.2	0.69	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Silver	<0.15		0.59	0.15	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1
Thallium	<0.59		1.2	0.59	mg/Kg	☆	05/16/21 06:03	05/17/21 11:08	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0084	J	0.019	0.0065	mg/Kg	☆	05/14/21 14:30	05/17/21 08:51	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Bromobenzene	<26		74	26	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Bromochloromethane	<32		74	32	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Bromodichloromethane	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Bromoform	<36		74	36	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Bromomethane	<59		220	59	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Carbon tetrachloride	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Chlorobenzene	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Chloroethane	<37	*+	74	37	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Chloroform	<27		150	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Chloromethane	<24		74	24	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
2-Chlorotoluene	<23		74	23	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
4-Chlorotoluene	<26		74	26	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Dibromochloromethane	<36		74	36	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2-Dibromoethane	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Dibromomethane	<20		74	20	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1-Dichloroethane	<30		74	30	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2-Dichloroethane	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1-Dichloroethene	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2-Dichloropropane	<32		74	32	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,3-Dichloropropane	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
2,2-Dichloropropane	<33		74	33	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1-Dichloropropene	<22		74	22	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Ethylbenzene	<14		18	14	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Hexachlorobutadiene	<33		74	33	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Isopropylbenzene	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Isopropyl ether	<20		74	20	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Methylene Chloride	<120		370	120	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Naphthalene	<25		74	25	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
n-Butylbenzene	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
N-Propylbenzene	<31		74	31	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
p-Isopropyltoluene	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
sec-Butylbenzene	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Styrene	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
tert-Butylbenzene	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1,1,2-Tetrachloroethane	<34		74	34	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1,2,2-Tetrachloroethane	<29		74	29	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Tetrachloroethene	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Toluene	<11		18	11	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Trichloroethene	<12		37	12	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Trichlorofluoromethane	<32		74	32	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,2,4-Trimethylbenzene	<26		74	26	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Vinyl chloride	<19		74	19	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Xylenes, Total	<16		37	16	ug/Kg	✳	05/05/21 12:35	05/17/21 16:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124				05/05/21 12:35	05/17/21 16:33	50
Dibromofluoromethane (Surr)	85		75 - 120				05/05/21 12:35	05/17/21 16:33	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 12:35	05/17/21 16:33	50
Toluene-d8 (Surr)	94		75 - 120				05/05/21 12:35	05/17/21 16:33	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	J	40	7.2	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Anthracene	30	J	40	6.7	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Benzo[a]anthracene	72		40	5.4	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Benzo[a]pyrene	71		40	7.8	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Benzo[b]fluoranthene	85		40	8.7	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Benzo[g,h,i]perylene	30	J	40	13	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Benzo[k]fluoranthene	44		40	12	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Chrysene	75		40	11	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Dibenz(a,h)anthracene	7.8	J	40	7.8	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Fluoranthene	140		40	7.5	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Fluorene	8.6	J	40	5.7	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Indeno[1,2,3-cd]pyrene	27	J	40	10	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
1-Methylnaphthalene	<9.8		81	9.8	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Naphthalene	<6.2		40	6.2	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Phenanthrene	110		40	5.6	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Pyrene	140		40	8.0	ug/Kg	✳	05/13/21 18:56	05/14/21 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		43 - 145				05/13/21 18:56	05/14/21 16:57	1
Nitrobenzene-d5 (Surr)	95		37 - 147				05/13/21 18:56	05/14/21 16:57	1
Terphenyl-d14 (Surr)	91		42 - 157				05/13/21 18:56	05/14/21 16:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<730		2100	730	ug/Kg	✳	05/14/21 19:33	05/17/21 22:16	100
PCB-1221	<900		2100	900	ug/Kg	✳	05/14/21 19:33	05/17/21 22:16	100
PCB-1232	<890		2100	890	ug/Kg	✳	05/14/21 19:33	05/17/21 22:16	100
PCB-1242	<670		2100	670	ug/Kg	✳	05/14/21 19:33	05/17/21 22:16	100

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<810		2100	810	ug/Kg	☼	05/14/21 19:33	05/17/21 22:16	100
PCB-1254	<440		2100	440	ug/Kg	☼	05/14/21 19:33	05/17/21 22:16	100
PCB-1260	13000		2100	1000	ug/Kg	☼	05/14/21 19:33	05/17/21 22:16	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	49 - 129				05/14/21 19:33	05/17/21 22:16	100
DCB Decachlorobiphenyl	0	D	37 - 121				05/14/21 19:33	05/17/21 22:16	100

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.24	0.033	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoropentanoic acid (PFPeA)	<0.091		0.24	0.091	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.24	0.049	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.24	0.034	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorooctanoic acid (PFOA)	0.81		0.24	0.10	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorononanoic acid (PFNA)	<0.042		0.24	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.24	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorododecanoic acid (PFDoA)	<0.079		0.24	0.079	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorotridecanoic acid (PFTTrDA)	<0.060		0.24	0.060	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorotetradecanoic acid (PFTeA)	<0.063		0.24	0.063	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.24	0.029	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.24	0.036	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.24	0.041	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.59	0.24	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluoronanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Perfluorooctanesulfonamide (FOSA)	<0.096		0.24	0.096	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NEtFOSA	<0.028		0.24	0.028	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NMeFOSA	<0.048		0.24	0.048	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NMeFOSE	<0.083		0.24	0.083	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
NEtFOSE	<0.042		0.24	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
8:2 FTS	<0.29		2.4	0.29	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.24	0.021	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	☼	05/11/21 11:21	05/12/21 19:02	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	87		25 - 150				05/11/21 11:21	05/12/21 19:02	1
13C5 PFPeA	97		25 - 150				05/11/21 11:21	05/12/21 19:02	1
13C2 PFHxA	92		25 - 150				05/11/21 11:21	05/12/21 19:02	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.3

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	95		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C4 PFOA	95		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C5 PFNA	97		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C2 PFDA	85		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C2 PFUnA	87		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C2 PFDoA	82		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C2 PFTeDA	73		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C3 PFBS	76		25 - 150	05/11/21 11:21	05/12/21 19:02	1
18O2 PFHxS	77		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C4 PFOS	71		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C8 FOSA	82		10 - 150	05/11/21 11:21	05/12/21 19:02	1
d3-NMeFOSAA	78		25 - 150	05/11/21 11:21	05/12/21 19:02	1
d5-NEtFOSAA	88		25 - 150	05/11/21 11:21	05/12/21 19:02	1
d-N-MeFOSA-M	62		10 - 150	05/11/21 11:21	05/12/21 19:02	1
d-N-EtFOSA-M	58		10 - 150	05/11/21 11:21	05/12/21 19:02	1
d7-N-MeFOSE-M	89		10 - 150	05/11/21 11:21	05/12/21 19:02	1
d9-N-EtFOSE-M	75		10 - 150	05/11/21 11:21	05/12/21 19:02	1
M2-4:2 FTS	151	*5+	25 - 150	05/11/21 11:21	05/12/21 19:02	1
M2-6:2 FTS	142		25 - 150	05/11/21 11:21	05/12/21 19:02	1
M2-8:2 FTS	106		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C3 HFPO-DA	87		25 - 150	05/11/21 11:21	05/12/21 19:02	1
13C2 10:2 FTS	99		25 - 150	05/11/21 11:21	05/12/21 19:02	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3600		23	9.4	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Antimony	<0.45		2.3	0.45	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Arsenic	0.71	J	1.1	0.39	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Barium	11		1.1	0.13	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Cadmium	0.11	J	0.23	0.041	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Chromium	6.4		1.1	0.57	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Copper	9.4		1.1	0.32	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Iron	7100		23	12	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Lead	2.4		0.57	0.26	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Manganese	250		1.1	0.17	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Nickel	10		1.1	0.33	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Selenium	<0.67		1.1	0.67	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Silver	0.22	J	0.57	0.15	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1
Thallium	<0.57		1.1	0.57	mg/Kg	☼	05/16/21 06:03	05/17/21 11:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0066		0.020	0.0066	mg/Kg	☼	05/14/21 14:30	05/17/21 08:53	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.8		17	9.8	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Bromobenzene	<24		67	24	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Bromochloromethane	<29		67	29	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Bromodichloromethane	<25		67	25	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Bromoform	<32		67	32	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Bromomethane	<53		200	53	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Carbon tetrachloride	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Chlorobenzene	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Chloroethane	<34	*+	67	34	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Chloroform	<25		130	25	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Chloromethane	<21		67	21	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
2-Chlorotoluene	<21		67	21	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
4-Chlorotoluene	<23		67	23	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Dibromochloromethane	<33		67	33	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,2-Dibromoethane	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Dibromomethane	<18		67	18	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,1-Dichloroethane	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,2-Dichloroethane	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,1-Dichloroethene	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,2-Dichloropropane	<29		67	29	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,3-Dichloropropane	<24		67	24	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
2,2-Dichloropropane	<30		67	30	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,1-Dichloropropene	<20		67	20	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Ethylbenzene	<12		17	12	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Hexachlorobutadiene	<30		67	30	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Isopropylbenzene	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Isopropyl ether	<18		67	18	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Methylene Chloride	<110		330	110	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Naphthalene	<22		67	22	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
n-Butylbenzene	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
N-Propylbenzene	<28		67	28	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
p-Isopropyltoluene	<24		67	24	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
sec-Butylbenzene	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Styrene	<26		67	26	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
tert-Butylbenzene	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Tetrachloroethene	<25		67	25	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
Toluene	<9.8		17	9.8	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	✳	05/05/21 13:30	05/17/21 17:01	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,1,2-Trichloroethane	<24		67	24	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
Trichloroethene	<11		33	11	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
Trichlorofluoromethane	<29		67	29	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
1,3,5-Trimethylbenzene	<25		67	25	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
Vinyl chloride	<18		67	18	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
Xylenes, Total	<15		33	15	ug/Kg	☼	05/05/21 13:30	05/17/21 17:01	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124				05/05/21 13:30	05/17/21 17:01	50
Dibromofluoromethane (Surr)	84		75 - 120				05/05/21 13:30	05/17/21 17:01	50
1,2-Dichloroethane-d4 (Surr)	101		75 - 126				05/05/21 13:30	05/17/21 17:01	50
Toluene-d8 (Surr)	94		75 - 120				05/05/21 13:30	05/17/21 17:01	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Acenaphthylene	13	J	39	5.1	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Anthracene	9.9	J	39	6.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Benzo[a]anthracene	76		39	5.2	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Benzo[a]pyrene	78		39	7.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Benzo[b]fluoranthene	93		39	8.4	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Benzo[g,h,i]perylene	50		39	13	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Benzo[k]fluoranthene	49		39	11	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Chrysene	91		39	11	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Dibenz(a,h)anthracene	13	J	39	7.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Fluoranthene	96		39	7.2	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Indeno[1,2,3-cd]pyrene	47		39	10	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
1-Methylnaphthalene	52	J	78	9.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
2-Methylnaphthalene	23	J	78	7.1	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Naphthalene	18	J	39	6.0	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Phenanthrene	48		39	5.4	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Pyrene	110		39	7.7	ug/Kg	☼	05/13/21 18:56	05/15/21 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		43 - 145				05/13/21 18:56	05/15/21 03:13	1
Nitrobenzene-d5 (Surr)	88		37 - 147				05/13/21 18:56	05/15/21 03:13	1
Terphenyl-d14 (Surr)	123		42 - 157				05/13/21 18:56	05/15/21 03:13	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	05/14/21 19:33	05/17/21 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		49 - 129				05/14/21 19:33	05/17/21 17:33	1
DCB Decachlorobiphenyl	69		37 - 121				05/14/21 19:33	05/17/21 17:33	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.21	0.030	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluoropentanoic acid (PFPeA)	<0.082		0.21	0.082	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorohexanoic acid (PFHxA)	<0.044		0.21	0.044	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.21	0.031	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorooctanoic acid (PFOA)	0.67		0.21	0.091	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorononanoic acid (PFNA)	0.039	J	0.21	0.038	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorodecanoic acid (PFDA)	0.23		0.21	0.023	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluoroundecanoic acid (PFUnA)	<0.038		0.21	0.038	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorododecanoic acid (PFDoA)	<0.071		0.21	0.071	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorotridecanoic acid (PFTTrDA)	<0.054		0.21	0.054	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorotetradecanoic acid (PFTTeA)	<0.057		0.21	0.057	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.026		0.21	0.026	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.21	0.033	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.037		0.21	0.037	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorooctanesulfonic acid (PFOS)	0.66		0.53	0.21	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorononanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.041		0.21	0.041	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.064		0.21	0.064	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Perfluorooctanesulfonamide (FOSA)	<0.087		0.21	0.087	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NEtFOSA	<0.025		0.21	0.025	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NMeFOSA	<0.043		0.21	0.043	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NMeFOSAA	<0.41		2.1	0.41	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NEtFOSAA	<0.39		2.1	0.39	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NMeFOSE	<0.075		0.21	0.075	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
NEtFOSE	<0.038		0.21	0.038	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
4:2 FTS	<0.39		2.1	0.39	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
8:2 FTS	<0.26		2.1	0.26	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019	F1	0.21	0.019	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
HFPO-DA (GenX)	<0.12		0.26	0.12	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
9Cl-PF3ONS	<0.029		0.21	0.029	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
11Cl-PF3OUdS	<0.023		0.21	0.023	ug/Kg	☼	05/11/21 11:21	05/12/21 19:11	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150				05/11/21 11:21	05/12/21 19:11	1
13C5 PFPeA	94		25 - 150				05/11/21 11:21	05/12/21 19:11	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	99		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C4 PFHpA	99		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C4 PFOA	99		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C5 PFNA	101		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C2 PFDA	90		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C2 PFUnA	94		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C2 PFDoA	91		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C2 PFTeDA	76		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C3 PFBS	77		25 - 150	05/11/21 11:21	05/12/21 19:11	1
18O2 PFHxS	77		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C4 PFOS	71		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C8 FOSA	85		10 - 150	05/11/21 11:21	05/12/21 19:11	1
d3-NMeFOSAA	85		25 - 150	05/11/21 11:21	05/12/21 19:11	1
d5-NEtFOSAA	92		25 - 150	05/11/21 11:21	05/12/21 19:11	1
d-N-MeFOSA-M	67		10 - 150	05/11/21 11:21	05/12/21 19:11	1
d-N-EtFOSA-M	68		10 - 150	05/11/21 11:21	05/12/21 19:11	1
d7-N-MeFOSE-M	84		10 - 150	05/11/21 11:21	05/12/21 19:11	1
d9-N-EtFOSE-M	81		10 - 150	05/11/21 11:21	05/12/21 19:11	1
M2-4:2 FTS	107		25 - 150	05/11/21 11:21	05/12/21 19:11	1
M2-6:2 FTS	121		25 - 150	05/11/21 11:21	05/12/21 19:11	1
M2-8:2 FTS	99		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C3 HFPO-DA	96		25 - 150	05/11/21 11:21	05/12/21 19:11	1
13C2 10:2 FTS	98		25 - 150	05/11/21 11:21	05/12/21 19:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6200		21	8.6	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Antimony	<0.41		2.1	0.41	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Arsenic	4.8		1.1	0.36	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Barium	28		1.1	0.12	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Cadmium	0.18	J	0.21	0.038	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Chromium	9.8		1.1	0.52	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Copper	120		1.1	0.30	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Iron	11000		21	11	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Lead	39		0.53	0.24	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Manganese	250		1.1	0.15	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Nickel	12		1.1	0.31	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Selenium	<0.62		1.1	0.62	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Silver	0.34	J	0.53	0.14	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1
Thallium	0.74	J	1.1	0.53	mg/Kg	✧	05/16/21 06:03	05/17/21 11:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063		0.018	0.0061	mg/Kg	✧	05/14/21 14:30	05/17/21 08:58	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Bromobenzene	<29		81	29	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Bromochloromethane	<35		81	35	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Bromodichloromethane	<30		81	30	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Bromoform	<39		81	39	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Bromomethane	<64		240	64	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Carbon tetrachloride	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Chlorobenzene	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Chloroethane	<41	*+	81	41	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Chloroform	<30		160	30	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Chloromethane	<26		81	26	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
2-Chlorotoluene	<25		81	25	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
4-Chlorotoluene	<28		81	28	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
cis-1,2-Dichloroethene	<33		81	33	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
cis-1,3-Dichloropropene	<34		81	34	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Dibromochloromethane	<39		81	39	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,2-Dibromo-3-Chloropropane	<160		400	160	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,2-Dibromoethane	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Dibromomethane	<22		81	22	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,2-Dichlorobenzene	<27		81	27	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,3-Dichlorobenzene	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,4-Dichlorobenzene	<29		81	29	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,1-Dichloroethane	<33		81	33	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,2-Dichloroethane	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,1-Dichloroethene	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,2-Dichloropropane	<35		81	35	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,3-Dichloropropane	<29		81	29	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
2,2-Dichloropropane	<36		81	36	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,1-Dichloropropene	<24		81	24	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Ethylbenzene	<15		20	15	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Hexachlorobutadiene	<36		81	36	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Isopropylbenzene	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Isopropyl ether	<22		81	22	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Methylene Chloride	<130		400	130	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Methyl tert-butyl ether	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Naphthalene	<27		81	27	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
n-Butylbenzene	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
N-Propylbenzene	<33		81	33	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
p-Isopropyltoluene	<29		81	29	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
sec-Butylbenzene	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Styrene	<31		81	31	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
tert-Butylbenzene	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,1,1,2-Tetrachloroethane	<37		81	37	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
1,1,2,2-Tetrachloroethane	<32		81	32	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Tetrachloroethene	<30		81	30	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
Toluene	<12		20	12	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
trans-1,2-Dichloroethene	<28		81	28	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50
trans-1,3-Dichloropropene	<29		81	29	ug/Kg	✱	05/05/21 13:35	05/17/21 17:29	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		81	37	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,2,4-Trichlorobenzene	<28		81	28	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,1,1-Trichloroethane	<31		81	31	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,1,2-Trichloroethane	<28		81	28	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
Trichloroethene	<13		40	13	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
Trichlorofluoromethane	<35		81	35	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,2,4-Trimethylbenzene	<29		81	29	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
1,3,5-Trimethylbenzene	<31		81	31	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
Vinyl chloride	<21		81	21	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
Xylenes, Total	<18		40	18	ug/Kg	☼	05/05/21 13:35	05/17/21 17:29	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124				05/05/21 13:35	05/17/21 17:29	50
Dibromofluoromethane (Surr)	85		75 - 120				05/05/21 13:35	05/17/21 17:29	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 13:35	05/17/21 17:29	50
Toluene-d8 (Surr)	93		75 - 120				05/05/21 13:35	05/17/21 17:29	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.5		41	7.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Acenaphthylene	<5.5		41	5.5	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Anthracene	<7.0		41	7.0	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Benzo[a]anthracene	<5.6		41	5.6	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Benzo[a]pyrene	<8.1		41	8.1	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Benzo[b]fluoranthene	<9.0		41	9.0	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Chrysene	<11		41	11	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Dibenz(a,h)anthracene	<8.1		41	8.1	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Fluoranthene	<7.7		41	7.7	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Fluorene	<5.9		41	5.9	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
1-Methylnaphthalene	<10		84	10	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
2-Methylnaphthalene	<7.7		84	7.7	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Naphthalene	<6.4		41	6.4	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Phenanthrene	<5.8		41	5.8	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Pyrene	<8.3		41	8.3	ug/Kg	☼	05/13/21 18:56	05/15/21 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		43 - 145				05/13/21 18:56	05/15/21 03:34	1
Nitrobenzene-d5 (Surr)	77		37 - 147				05/13/21 18:56	05/15/21 03:34	1
Terphenyl-d14 (Surr)	114		42 - 157				05/13/21 18:56	05/15/21 03:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.7		22	7.7	ug/Kg	☼	05/14/21 19:33	05/17/21 17:48	1
PCB-1221	<9.6		22	9.6	ug/Kg	☼	05/14/21 19:33	05/17/21 17:48	1
PCB-1232	<9.5		22	9.5	ug/Kg	☼	05/14/21 19:33	05/17/21 17:48	1
PCB-1242	<7.2		22	7.2	ug/Kg	☼	05/14/21 19:33	05/17/21 17:48	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.6		22	8.6	ug/Kg	✳	05/14/21 19:33	05/17/21 17:48	1
PCB-1254	<4.7		22	4.7	ug/Kg	✳	05/14/21 19:33	05/17/21 17:48	1
PCB-1260	<11		22	11	ug/Kg	✳	05/14/21 19:33	05/17/21 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		49 - 129				05/14/21 19:33	05/17/21 17:48	1
DCB Decachlorobiphenyl	60		37 - 121				05/14/21 19:33	05/17/21 17:48	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.034		0.24	0.034	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoropentanoic acid (PFPeA)	<0.092		0.24	0.092	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.24	0.035	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorooctanoic acid (PFOA)	3.9		0.24	0.10	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorododecanoic acid (PFDoA)	<0.080		0.24	0.080	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorotridecanoic acid (PFTTrDA)	<0.061		0.24	0.061	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorotetradecanoic acid (PFTTeA)	<0.065		0.24	0.065	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.60	0.24	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluoronanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorododecanesulfonic acid (PFDoS)	<0.072		0.24	0.072	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Perfluorooctanesulfonamide (FOSA)	<0.098		0.24	0.098	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NMeFOSAA	<0.47		2.4	0.47	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NMeFOSE	<0.085		0.24	0.085	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.022		0.24	0.022	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✳	05/11/21 11:21	05/12/21 19:39	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150				05/11/21 11:21	05/12/21 19:39	1
13C5 PFPeA	105		25 - 150				05/11/21 11:21	05/12/21 19:39	1
13C2 PFHxA	96		25 - 150				05/11/21 11:21	05/12/21 19:39	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.4

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	103		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C4 PFOA	97		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C5 PFNA	95		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C2 PFDA	89		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C2 PFUnA	94		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C2 PFDoA	91		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C2 PFTeDA	79		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C3 PFBS	82		25 - 150	05/11/21 11:21	05/12/21 19:39	1
18O2 PFHxS	83		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C4 PFOS	78		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C8 FOSA	86		10 - 150	05/11/21 11:21	05/12/21 19:39	1
d3-NMeFOSAA	88		25 - 150	05/11/21 11:21	05/12/21 19:39	1
d5-NEtFOSAA	94		25 - 150	05/11/21 11:21	05/12/21 19:39	1
d-N-MeFOSA-M	62		10 - 150	05/11/21 11:21	05/12/21 19:39	1
d-N-EtFOSA-M	60		10 - 150	05/11/21 11:21	05/12/21 19:39	1
d7-N-MeFOSE-M	80		10 - 150	05/11/21 11:21	05/12/21 19:39	1
d9-N-EtFOSE-M	84		10 - 150	05/11/21 11:21	05/12/21 19:39	1
M2-4:2 FTS	109		25 - 150	05/11/21 11:21	05/12/21 19:39	1
M2-6:2 FTS	107		25 - 150	05/11/21 11:21	05/12/21 19:39	1
M2-8:2 FTS	107		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C3 HFPO-DA	104		25 - 150	05/11/21 11:21	05/12/21 19:39	1
13C2 10:2 FTS	90		25 - 150	05/11/21 11:21	05/12/21 19:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4600		22	9.0	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Antimony	<0.43		2.2	0.43	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Arsenic	0.54	J	1.1	0.37	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Barium	13		1.1	0.12	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Cadmium	0.093	J	0.22	0.039	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Chromium	8.3		1.1	0.54	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Copper	9.1		1.1	0.31	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Iron	6900		22	11	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Lead	2.3		0.55	0.25	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Manganese	220		1.1	0.16	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Nickel	8.9		1.1	0.32	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Selenium	<0.64		1.1	0.64	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Silver	0.17	J	0.55	0.14	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1
Thallium	<0.55		1.1	0.55	mg/Kg	☆	05/16/21 06:03	05/17/21 11:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0063		0.019	0.0063	mg/Kg	☆	05/14/21 14:30	05/17/21 09:04	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Bromobenzene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Bromochloromethane	<31		73	31	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Bromodichloromethane	<27		73	27	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Bromoform	<35		73	35	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Bromomethane	<58		220	58	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Carbon tetrachloride	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Chlorobenzene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Chloroethane	<37	*+	73	37	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Chloroform	<27		150	27	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Chloromethane	<23		73	23	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
2-Chlorotoluene	<23		73	23	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
4-Chlorotoluene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
cis-1,2-Dichloroethene	<30		73	30	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
cis-1,3-Dichloropropene	<30		73	30	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Dibromochloromethane	<36		73	36	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,2-Dibromo-3-Chloropropane	<150		360	150	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,2-Dibromoethane	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Dibromomethane	<20		73	20	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,2-Dichlorobenzene	<24		73	24	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,3-Dichlorobenzene	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,4-Dichlorobenzene	<27		73	27	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Dichlorodifluoromethane	<49		220	49	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,1-Dichloroethane	<30		73	30	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,2-Dichloroethane	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,1-Dichloroethene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,2-Dichloropropane	<31		73	31	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,3-Dichloropropane	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
2,2-Dichloropropane	<32		73	32	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,1-Dichloropropene	<22		73	22	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Ethylbenzene	<13		18	13	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Hexachlorobutadiene	<33		73	33	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Isopropylbenzene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Isopropyl ether	<20		73	20	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Methylene Chloride	<120		360	120	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Methyl tert-butyl ether	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Naphthalene	<24		73	24	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
n-Butylbenzene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
N-Propylbenzene	<30		73	30	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
p-Isopropyltoluene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
sec-Butylbenzene	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Styrene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
tert-Butylbenzene	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,1,1,2-Tetrachloroethane	<34		73	34	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
1,1,2,2-Tetrachloroethane	<29		73	29	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Tetrachloroethene	<27		73	27	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
Toluene	<11		18	11	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
trans-1,2-Dichloroethene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50
trans-1,3-Dichloropropene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 17:58	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		73	33	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,2,4-Trichlorobenzene	<25		73	25	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,1,1-Trichloroethane	<28		73	28	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,1,2-Trichloroethane	<26		73	26	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
Trichloroethene	<12		36	12	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
Trichlorofluoromethane	<31		73	31	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,2,3-Trichloropropane	<30		150	30	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,2,4-Trimethylbenzene	<26		73	26	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
1,3,5-Trimethylbenzene	<28		73	28	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
Vinyl chloride	<19		73	19	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
Xylenes, Total	<16		36	16	ug/Kg	✳	05/05/21 11:10	05/17/21 17:58	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124				05/05/21 11:10	05/17/21 17:58	50
Dibromofluoromethane (Surr)	86		75 - 120				05/05/21 11:10	05/17/21 17:58	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				05/05/21 11:10	05/17/21 17:58	50
Toluene-d8 (Surr)	93		75 - 120				05/05/21 11:10	05/17/21 17:58	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		40	7.3	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Anthracene	<6.8		40	6.8	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Benzo[a]anthracene	<5.5		40	5.5	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Benzo[a]pyrene	<7.8		40	7.8	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Benzo[b]fluoranthene	<8.7		40	8.7	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Chrysene	<11		40	11	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Fluoranthene	<7.5		40	7.5	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Fluorene	<5.7		40	5.7	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Indeno[1,2,3-cd]pyrene	<11		40	11	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
1-Methylnaphthalene	<9.9		82	9.9	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
2-Methylnaphthalene	<7.5		82	7.5	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Naphthalene	<6.2		40	6.2	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Phenanthrene	<5.7		40	5.7	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Pyrene	<8.1		40	8.1	ug/Kg	✳	05/13/21 18:56	05/15/21 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	84		43 - 145				05/13/21 18:56	05/15/21 03:54	1
Nitrobenzene-d5 (Surr)	92		37 - 147				05/13/21 18:56	05/15/21 03:54	1
Terphenyl-d14 (Surr)	141		42 - 157				05/13/21 18:56	05/15/21 03:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	✳	05/17/21 06:02	05/18/21 10:57	1
PCB-1221	<8.9		20	8.9	ug/Kg	✳	05/17/21 06:02	05/18/21 10:57	1
PCB-1232	<8.9		20	8.9	ug/Kg	✳	05/17/21 06:02	05/18/21 10:57	1
PCB-1242	<6.7		20	6.7	ug/Kg	✳	05/17/21 06:02	05/18/21 10:57	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.0		20	8.0	ug/Kg	☼	05/17/21 06:02	05/18/21 10:57	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	05/17/21 06:02	05/18/21 10:57	1
PCB-1260	<10		20	10	ug/Kg	☼	05/17/21 06:02	05/18/21 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		49 - 129				05/17/21 06:02	05/18/21 10:57	1
DCB Decachlorobiphenyl	112		37 - 121				05/17/21 06:02	05/18/21 10:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.23	0.033	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoropentanoic acid (PFPeA)	<0.090		0.23	0.090	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.23	0.049	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.23	0.034	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorooctanoic acid (PFOA)	1.1		0.23	0.10	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorodecanoic acid (PFDA)	<0.026		0.23	0.026	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorododecanoic acid (PFDoA)	<0.078		0.23	0.078	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorotridecanoic acid (PFTTrDA)	<0.059		0.23	0.059	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorotetradecanoic acid (PFTTeA)	<0.063		0.23	0.063	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.23	0.041	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorododecanesulfonic acid (PFDoS)	<0.070		0.23	0.070	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Perfluorooctanesulfonamide (FOSA)	<0.096		0.23	0.096	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NMeFOSA	<0.048		0.23	0.048	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NMeFOSE	<0.083		0.23	0.083	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.23	0.021	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
9Cl-PF3ONS	<0.031		0.23	0.031	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
11Cl-PF3OUdS	<0.026		0.23	0.026	ug/Kg	☼	05/11/21 11:21	05/12/21 19:48	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				05/11/21 11:21	05/12/21 19:48	1
13C5 PFPeA	87		25 - 150				05/11/21 11:21	05/12/21 19:48	1
13C2 PFHxA	91		25 - 150				05/11/21 11:21	05/12/21 19:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.6

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	96		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C4 PFOA	98		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C5 PFNA	98		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C2 PFDA	81		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C2 PFUnA	89		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C2 PFDoA	77		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C2 PFTeDA	70		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C3 PFBS	79		25 - 150	05/11/21 11:21	05/12/21 19:48	1
18O2 PFHxS	81		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C4 PFOS	73		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C8 FOSA	80		10 - 150	05/11/21 11:21	05/12/21 19:48	1
d3-NMeFOSAA	82		25 - 150	05/11/21 11:21	05/12/21 19:48	1
d5-NEtFOSAA	79		25 - 150	05/11/21 11:21	05/12/21 19:48	1
d-N-MeFOSA-M	59		10 - 150	05/11/21 11:21	05/12/21 19:48	1
d-N-EtFOSA-M	59		10 - 150	05/11/21 11:21	05/12/21 19:48	1
d7-N-MeFOSE-M	78		10 - 150	05/11/21 11:21	05/12/21 19:48	1
d9-N-EtFOSE-M	74		10 - 150	05/11/21 11:21	05/12/21 19:48	1
M2-4:2 FTS	90		25 - 150	05/11/21 11:21	05/12/21 19:48	1
M2-6:2 FTS	89		25 - 150	05/11/21 11:21	05/12/21 19:48	1
M2-8:2 FTS	95		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C3 HFPO-DA	95		25 - 150	05/11/21 11:21	05/12/21 19:48	1
13C2 10:2 FTS	79		25 - 150	05/11/21 11:21	05/12/21 19:48	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		22	8.8	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Antimony	<0.42		2.2	0.42	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Arsenic	1.9		1.1	0.37	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Barium	26		1.1	0.12	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Cadmium	0.10	J	0.22	0.039	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Chromium	13		1.1	0.53	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Copper	19		1.1	0.30	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Iron	11000		22	11	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Lead	4.1		0.54	0.25	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Manganese	270		1.1	0.16	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Nickel	14		1.1	0.31	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Selenium	<0.63		1.1	0.63	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Silver	0.30	J	0.54	0.14	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1
Thallium	<0.54		1.1	0.54	mg/Kg	☆	05/16/21 06:03	05/17/21 11:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	J	0.019	0.0064	mg/Kg	☆	05/14/21 14:30	05/17/21 09:06	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Bromobenzene	<27		76	27	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Bromochloromethane	<33		76	33	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Bromodichloromethane	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Bromoform	<37		76	37	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Bromomethane	<61		230	61	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Carbon tetrachloride	<29		76	29	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Chlorobenzene	<29		76	29	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Chloroethane	<38	*+	76	38	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Chloroform	<28		150	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Chloromethane	<24		76	24	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
2-Chlorotoluene	<24		76	24	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
4-Chlorotoluene	<27		76	27	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Dibromochloromethane	<37		76	37	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,2-Dibromo-3-Chloropropane	<150		380	150	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,2-Dibromoethane	<29		76	29	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Dibromomethane	<21		76	21	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,3-Dichlorobenzene	<31		76	31	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,1-Dichloroethane	<31		76	31	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,2-Dichloroethane	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,1-Dichloroethene	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,2-Dichloropropane	<33		76	33	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,3-Dichloropropane	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
2,2-Dichloropropane	<34		76	34	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,1-Dichloropropene	<23		76	23	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Ethylbenzene	<14		19	14	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Hexachlorobutadiene	<34		76	34	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Isopropylbenzene	<29		76	29	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Isopropyl ether	<21		76	21	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Methylene Chloride	<120		380	120	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Naphthalene	<25		76	25	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
n-Butylbenzene	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
N-Propylbenzene	<32		76	32	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
p-Isopropyltoluene	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
sec-Butylbenzene	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Styrene	<29		76	29	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
tert-Butylbenzene	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,1,1,2-Tetrachloroethane	<35		76	35	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Tetrachloroethene	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
Toluene	<11		19	11	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50
trans-1,3-Dichloropropene	<28		76	28	ug/Kg	✱	05/05/21 11:15	05/17/21 18:26	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,1,1-Trichloroethane	<29		76	29	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
Trichloroethene	<13		38	13	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
Trichlorofluoromethane	<33		76	33	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,2,3-Trichloropropane	<32		150	32	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
Vinyl chloride	<20		76	20	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
Xylenes, Total	<17		38	17	ug/Kg	✳	05/05/21 11:15	05/17/21 18:26	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124				05/05/21 11:15	05/17/21 18:26	50
Dibromofluoromethane (Surr)	84		75 - 120				05/05/21 11:15	05/17/21 18:26	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 11:15	05/17/21 18:26	50
Toluene-d8 (Surr)	94		75 - 120				05/05/21 11:15	05/17/21 18:26	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.5		41	7.5	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Acenaphthylene	<5.5		41	5.5	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Anthracene	<6.9		41	6.9	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Benzo[a]anthracene	<5.6		41	5.6	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Benzo[a]pyrene	<8.0		41	8.0	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Benzo[b]fluoranthene	<9.0		41	9.0	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Benzo[g,h,i]perylene	<13		41	13	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Benzo[k]fluoranthene	<12		41	12	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Chrysene	<11		41	11	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Dibenz(a,h)anthracene	<8.0		41	8.0	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Fluoranthene	<7.7		41	7.7	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Fluorene	<5.8		41	5.8	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Indeno[1,2,3-cd]pyrene	<11		41	11	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
1-Methylnaphthalene	<10		84	10	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
2-Methylnaphthalene	<7.6		84	7.6	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Naphthalene	<6.4		41	6.4	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Phenanthrene	<5.8		41	5.8	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Pyrene	<8.3		41	8.3	ug/Kg	✳	05/13/21 18:56	05/15/21 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	60		43 - 145				05/13/21 18:56	05/15/21 04:15	1
Nitrobenzene-d5 (Surr)	40		37 - 147				05/13/21 18:56	05/15/21 04:15	1
Terphenyl-d14 (Surr)	110		42 - 157				05/13/21 18:56	05/15/21 04:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	✳	05/17/21 06:02	05/18/21 11:12	1
PCB-1221	<9.1		21	9.1	ug/Kg	✳	05/17/21 06:02	05/18/21 11:12	1
PCB-1232	<9.0		21	9.0	ug/Kg	✳	05/17/21 06:02	05/18/21 11:12	1
PCB-1242	<6.8		21	6.8	ug/Kg	✳	05/17/21 06:02	05/18/21 11:12	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.2		21	8.2	ug/Kg	✱	05/17/21 06:02	05/18/21 11:12	1
PCB-1254	<4.5		21	4.5	ug/Kg	✱	05/17/21 06:02	05/18/21 11:12	1
PCB-1260	<10		21	10	ug/Kg	✱	05/17/21 06:02	05/18/21 11:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		49 - 129				05/17/21 06:02	05/18/21 11:12	1
DCB Decachlorobiphenyl	96		37 - 121				05/17/21 06:02	05/18/21 11:12	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.035		0.25	0.035	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluoropentanoic acid (PFPeA)	<0.097		0.25	0.097	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorohexanoic acid (PFHxA)	0.080	J	0.25	0.053	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluoroheptanoic acid (PFHpA)	0.067	J	0.25	0.037	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorooctanoic acid (PFOA)	0.27		0.25	0.11	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorononanoic acid (PFNA)	<0.045		0.25	0.045	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorodecanoic acid (PFDA)	<0.028		0.25	0.028	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluoroundecanoic acid (PFUnA)	<0.045		0.25	0.045	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorododecanoic acid (PFDoA)	<0.084		0.25	0.084	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorotridecanoic acid (PFTTrDA)	<0.064		0.25	0.064	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorotetradecanoic acid (PFTTeA)	<0.068		0.25	0.068	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorobutanesulfonic acid (PFBS)	<0.032		0.25	0.032	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluoropentanesulfonic acid (PFPeS)	<0.025		0.25	0.025	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorohexanesulfonic acid (PFHxS)	<0.039		0.25	0.039	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.044		0.25	0.044	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorooctanesulfonic acid (PFOS)	<0.25		0.63	0.25	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorononanesulfonic acid (PFNS)	<0.025		0.25	0.025	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorodecanesulfonic acid (PFDS)	<0.049		0.25	0.049	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorododecanesulfonic acid (PFDoS)	<0.076		0.25	0.076	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.25	0.10	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NEtFOSA	<0.030		0.25	0.030	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NMeFOSA	<0.052		0.25	0.052	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NMeFOSAA	<0.49		2.5	0.49	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NEtFOSAA	<0.47		2.5	0.47	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NMeFOSE	<0.090		0.25	0.090	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
NEtFOSE	<0.045		0.25	0.045	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
4:2 FTS	<0.47		2.5	0.47	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
6:2 FTS	<0.19		2.5	0.19	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
8:2 FTS	<0.32		2.5	0.32	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.023		0.25	0.023	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
HFPO-DA (GenX)	<0.14		0.32	0.14	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
9Cl-PF3ONS	<0.034		0.25	0.034	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
11Cl-PF3OUdS	<0.028		0.25	0.028	ug/Kg	✱	05/11/21 11:21	05/12/21 19:57	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		25 - 150				05/11/21 11:21	05/12/21 19:57	1
13C5 PFPeA	106		25 - 150				05/11/21 11:21	05/12/21 19:57	1
13C2 PFHxA	103		25 - 150				05/11/21 11:21	05/12/21 19:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.5

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	110		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C4 PFOA	107		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C5 PFNA	101		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C2 PFDA	99		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C2 PFUnA	107		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C2 PFDoA	97		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C2 PFTeDA	85		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C3 PFBS	96		25 - 150	05/11/21 11:21	05/12/21 19:57	1
18O2 PFHxS	96		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C4 PFOS	85		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C8 FOSA	95		10 - 150	05/11/21 11:21	05/12/21 19:57	1
d3-NMeFOSAA	93		25 - 150	05/11/21 11:21	05/12/21 19:57	1
d5-NEtFOSAA	99		25 - 150	05/11/21 11:21	05/12/21 19:57	1
d-N-MeFOSA-M	78		10 - 150	05/11/21 11:21	05/12/21 19:57	1
d-N-EtFOSA-M	70		10 - 150	05/11/21 11:21	05/12/21 19:57	1
d7-N-MeFOSE-M	88		10 - 150	05/11/21 11:21	05/12/21 19:57	1
d9-N-EtFOSE-M	85		10 - 150	05/11/21 11:21	05/12/21 19:57	1
M2-4:2 FTS	112		25 - 150	05/11/21 11:21	05/12/21 19:57	1
M2-6:2 FTS	118		25 - 150	05/11/21 11:21	05/12/21 19:57	1
M2-8:2 FTS	109		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C3 HFPO-DA	95		25 - 150	05/11/21 11:21	05/12/21 19:57	1
13C2 10:2 FTS	93		25 - 150	05/11/21 11:21	05/12/21 19:57	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4600		25	10	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Antimony	<0.49		2.5	0.49	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Arsenic	<0.43		1.3	0.43	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Barium	14		1.3	0.14	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Cadmium	0.12 J		0.25	0.045	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Chromium	7.2		1.3	0.62	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Copper	8.6		1.3	0.35	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Iron	6100		25	13	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Lead	2.1		0.63	0.29	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Manganese	170		1.3	0.18	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Nickel	7.5		1.3	0.37	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Selenium	<0.74		1.3	0.74	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Silver	0.16 J		0.63	0.16	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1
Thallium	<0.63		1.3	0.63	mg/Kg	☼	05/16/21 06:03	05/17/21 11:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0067		0.020	0.0067	mg/Kg	☼	05/14/21 14:30	05/17/21 09:08	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Bromobenzene	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Bromochloromethane	<31		73	31	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Bromodichloromethane	<27		73	27	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Bromoform	<35		73	35	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Bromomethane	<58		220	58	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Carbon tetrachloride	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Chlorobenzene	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Chloroethane	<37	*+	73	37	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Chloroform	<27		150	27	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Chloromethane	<23		73	23	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
2-Chlorotoluene	<23		73	23	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
4-Chlorotoluene	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
cis-1,2-Dichloroethene	<30		73	30	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
cis-1,3-Dichloropropene	<30		73	30	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Dibromochloromethane	<36		73	36	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,2-Dibromoethane	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Dibromomethane	<20		73	20	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,2-Dichlorobenzene	<24		73	24	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,3-Dichlorobenzene	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,4-Dichlorobenzene	<27		73	27	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Dichlorodifluoromethane	<49		220	49	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,1-Dichloroethane	<30		73	30	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,2-Dichloroethane	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,1-Dichloroethene	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,2-Dichloropropane	<31		73	31	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,3-Dichloropropane	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
2,2-Dichloropropane	<32		73	32	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,1-Dichloropropene	<22		73	22	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Ethylbenzene	<13		18	13	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Hexachlorobutadiene	<33		73	33	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Isopropylbenzene	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Isopropyl ether	<20		73	20	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Methylene Chloride	<120		370	120	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Methyl tert-butyl ether	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Naphthalene	<24		73	24	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
n-Butylbenzene	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
N-Propylbenzene	<30		73	30	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
p-Isopropyltoluene	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
sec-Butylbenzene	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Styrene	<28		73	28	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
tert-Butylbenzene	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,1,1,2-Tetrachloroethane	<34		73	34	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
1,1,2,2-Tetrachloroethane	<29		73	29	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Tetrachloroethene	<27		73	27	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
Toluene	<11		18	11	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
trans-1,2-Dichloroethene	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50
trans-1,3-Dichloropropene	<26		73	26	ug/Kg	✱	05/05/21 11:10	05/17/21 18:55	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		73	34	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,2,4-Trichlorobenzene	<25		73	25	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,1,1-Trichloroethane	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,1,2-Trichloroethane	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
Trichloroethene	<12		37	12	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
Trichlorofluoromethane	<31		73	31	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,2,3-Trichloropropane	<30		150	30	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,2,4-Trimethylbenzene	<26		73	26	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
1,3,5-Trimethylbenzene	<28		73	28	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
Vinyl chloride	<19		73	19	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
Xylenes, Total	<16		37	16	ug/Kg	☼	05/05/21 11:10	05/17/21 18:55	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124				05/05/21 11:10	05/17/21 18:55	50
Dibromofluoromethane (Surr)	86		75 - 120				05/05/21 11:10	05/17/21 18:55	50
1,2-Dichloroethane-d4 (Surr)	102		75 - 126				05/05/21 11:10	05/17/21 18:55	50
Toluene-d8 (Surr)	92		75 - 120				05/05/21 11:10	05/17/21 18:55	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Anthracene	<6.7		40	6.7	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Benzo[a]pyrene	<7.8		40	7.8	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Benzo[b]fluoranthene	<8.7		40	8.7	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Chrysene	<11		40	11	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Fluoranthene	<7.5		40	7.5	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
1-Methylnaphthalene	<9.9		81	9.9	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Phenanthrene	<5.6		40	5.6	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Pyrene	<8.0		40	8.0	ug/Kg	☼	05/13/21 18:56	05/15/21 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	95		43 - 145				05/13/21 18:56	05/15/21 04:36	1
Nitrobenzene-d5 (Surr)	97		37 - 147				05/13/21 18:56	05/15/21 04:36	1
Terphenyl-d14 (Surr)	141		42 - 157				05/13/21 18:56	05/15/21 04:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	05/15/21 13:54	05/17/21 09:57	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	05/15/21 13:54	05/17/21 09:57	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	05/15/21 13:54	05/17/21 09:57	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	05/15/21 13:54	05/17/21 09:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	✱	05/15/21 13:54	05/17/21 09:57	1
PCB-1254	<4.3		20	4.3	ug/Kg	✱	05/15/21 13:54	05/17/21 09:57	1
PCB-1260	<9.7		20	9.7	ug/Kg	✱	05/15/21 13:54	05/17/21 09:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		49 - 129				05/15/21 13:54	05/17/21 09:57	1
DCB Decachlorobiphenyl	61		37 - 121				05/15/21 13:54	05/17/21 09:57	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.24	0.033	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoropentanoic acid (PFPeA)	<0.092		0.24	0.092	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.24	0.034	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorooctanoic acid (PFOA)	1.1		0.24	0.10	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorododecanoic acid (PFDoA)	<0.080		0.24	0.080	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorotridecanoic acid (PFTTrDA)	<0.061		0.24	0.061	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorotetradecanoic acid (PFTTeA)	<0.064		0.24	0.064	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.59	0.24	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluoronananesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Perfluorooctanesulfonamide (FOSA)	<0.098		0.24	0.098	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NMeFOSE	<0.084		0.24	0.084	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021		0.24	0.021	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	✱	05/11/21 11:21	05/12/21 20:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	88		25 - 150				05/11/21 11:21	05/12/21 20:06	1
13C5 PFPeA	95		25 - 150				05/11/21 11:21	05/12/21 20:06	1
13C2 PFHxA	88		25 - 150				05/11/21 11:21	05/12/21 20:06	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.2

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	91		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C4 PFOA	94		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C5 PFNA	96		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C2 PFDA	88		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C2 PFUnA	92		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C2 PFDoA	84		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C2 PFTeDA	72		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C3 PFBS	77		25 - 150	05/11/21 11:21	05/12/21 20:06	1
18O2 PFHxS	80		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C4 PFOS	78		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C8 FOSA	81		10 - 150	05/11/21 11:21	05/12/21 20:06	1
d3-NMeFOSAA	86		25 - 150	05/11/21 11:21	05/12/21 20:06	1
d5-NEtFOSAA	84		25 - 150	05/11/21 11:21	05/12/21 20:06	1
d-N-MeFOSA-M	62		10 - 150	05/11/21 11:21	05/12/21 20:06	1
d-N-EtFOSA-M	58		10 - 150	05/11/21 11:21	05/12/21 20:06	1
d7-N-MeFOSE-M	88		10 - 150	05/11/21 11:21	05/12/21 20:06	1
d9-N-EtFOSE-M	75		10 - 150	05/11/21 11:21	05/12/21 20:06	1
M2-4:2 FTS	90		25 - 150	05/11/21 11:21	05/12/21 20:06	1
M2-6:2 FTS	97		25 - 150	05/11/21 11:21	05/12/21 20:06	1
M2-8:2 FTS	94		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C3 HFPO-DA	88		25 - 150	05/11/21 11:21	05/12/21 20:06	1
13C2 10:2 FTS	77		25 - 150	05/11/21 11:21	05/12/21 20:06	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7700		23	9.6	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Antimony	<0.46		2.3	0.46	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Arsenic	1.9		1.2	0.40	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Barium	26		1.2	0.13	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Cadmium	0.12	J	0.23	0.042	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Chromium	13		1.2	0.58	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Copper	18		1.2	0.33	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Iron	12000		23	12	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Lead	4.2		0.59	0.27	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Manganese	300		1.2	0.17	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Nickel	14		1.2	0.34	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Selenium	<0.69		1.2	0.69	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Silver	0.47	J	0.59	0.15	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1
Thallium	<0.59		1.2	0.59	mg/Kg	☆	05/16/21 06:03	05/17/21 11:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.019	0.0064	mg/Kg	☆	05/14/21 14:30	05/17/21 09:09	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: FB-04-210504

Lab Sample ID: 500-198702-38

Date Collected: 05/04/21 13:50

Matrix: Water

Date Received: 05/06/21 09:50

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		05/11/21 04:34	05/12/21 07:47	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorooctanoic acid (PFOA)	<0.77		1.8	0.77	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.52		1.8	0.52	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.49		1.8	0.49	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.88		1.8	0.88	ng/L		05/11/21 04:34	05/12/21 07:47	1
Perfluorooctanesulfonamide (FOSA)	<0.89		1.8	0.89	ng/L		05/11/21 04:34	05/12/21 07:47	1
NEtFOSA	<0.79		1.8	0.79	ng/L		05/11/21 04:34	05/12/21 07:47	1
NMeFOSA	<0.39		1.8	0.39	ng/L		05/11/21 04:34	05/12/21 07:47	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		05/11/21 04:34	05/12/21 07:47	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		05/11/21 04:34	05/12/21 07:47	1
NMeFOSE	<1.3		3.6	1.3	ng/L		05/11/21 04:34	05/12/21 07:47	1
NEtFOSE	<0.77		1.8	0.77	ng/L		05/11/21 04:34	05/12/21 07:47	1
4:2 FTS	<0.22		1.8	0.22	ng/L		05/11/21 04:34	05/12/21 07:47	1
6:2 FTS	<2.3		4.5	2.3	ng/L		05/11/21 04:34	05/12/21 07:47	1
8:2 FTS	<0.42		1.8	0.42	ng/L		05/11/21 04:34	05/12/21 07:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		05/11/21 04:34	05/12/21 07:47	1
HFPO-DA (GenX)	<1.4		3.6	1.4	ng/L		05/11/21 04:34	05/12/21 07:47	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		05/11/21 04:34	05/12/21 07:47	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		05/11/21 04:34	05/12/21 07:47	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C5 PFPeA	86		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 PFHxA	85		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C4 PFHpA	87		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C4 PFOA	91		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C5 PFNA	93		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 PFDA	93		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 PFUnA	99		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 PFDoA	89		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 PFTeDA	77		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C3 PFBS	81		25 - 150	05/11/21 04:34	05/12/21 07:47	1
18O2 PFHxS	91		25 - 150	05/11/21 04:34	05/12/21 07:47	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: FB-04-210504

Lab Sample ID: 500-198702-38

Date Collected: 05/04/21 13:50

Matrix: Water

Date Received: 05/06/21 09:50

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	05/11/21 04:34	05/12/21 07:47	1
13C8 FOSA	101		10 - 150	05/11/21 04:34	05/12/21 07:47	1
d3-NMeFOSAA	98		25 - 150	05/11/21 04:34	05/12/21 07:47	1
d5-NEtFOSAA	100		25 - 150	05/11/21 04:34	05/12/21 07:47	1
d-N-MeFOSA-M	74		10 - 150	05/11/21 04:34	05/12/21 07:47	1
d-N-EtFOSA-M	75		10 - 150	05/11/21 04:34	05/12/21 07:47	1
d7-N-MeFOSE-M	87		10 - 150	05/11/21 04:34	05/12/21 07:47	1
d9-N-EtFOSE-M	84		10 - 150	05/11/21 04:34	05/12/21 07:47	1
M2-4:2 FTS	101		25 - 150	05/11/21 04:34	05/12/21 07:47	1
M2-6:2 FTS	107		25 - 150	05/11/21 04:34	05/12/21 07:47	1
M2-8:2 FTS	109		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C3 HFPO-DA	82		25 - 150	05/11/21 04:34	05/12/21 07:47	1
13C2 10:2 FTS	101		25 - 150	05/11/21 04:34	05/12/21 07:47	1

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

GC/MS Semi VOA

Qualifier	Qualifier Description
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.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
V	Serial Dilution exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

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Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 Plant No 9 - 1690019647

Job ID: 500-198702-1

GC/MS VOA

Prep Batch: 597325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	5035	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	5035	
LB3 500-597325/15-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597325/16-A	Lab Control Sample	Total/NA	Solid	5035	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	5035	
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	5035	

Prep Batch: 597326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-12	SB-233 (2-3)	Total/NA	Solid	5035	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	5035	
500-198702-15	SB-219 (2-3)	Total/NA	Solid	5035	
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	5035	
500-198702-17	SB-219 (9-10)	Total/NA	Solid	5035	
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	5035	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	5035	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	5035	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	5035	
500-198702-22	TB-04-210505	Total/NA	Solid	5035	
500-198702-23	TB-05-210505	Total/NA	Solid	5035	
500-198702-24	TB-06-210505	Total/NA	Solid	5035	
500-198702-25	TB-07-210505	Total/NA	Solid	5035	
500-198702-26	TB-08-210505	Total/NA	Solid	5035	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	5035	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	5035	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	5035	
LB3 500-597326/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597326/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	5035	
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	5035	

Prep Batch: 597327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-30	SB-212 (6-7)	Total/NA	Solid	5035	
500-198702-31	DUP-07-210505	Total/NA	Solid	5035	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	5035	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	5035	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	5035	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	5035	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	5035	
500-198702-37	DUP-06-210505	Total/NA	Solid	5035	
LB3 500-597327/9-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597327/10-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 597569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-2	SB-213 (11-12)	Total/NA	Solid	5030B	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	5030B	
500-198702-3 - DL	SB-213 (12-13)	Total/NA	Solid	5030B	
500-198702-4	SB-222 (2-4)	Total/NA	Solid	5030B	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	5030B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC/MS VOA (Continued)

Prep Batch: 597569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-7	SB-221 (16-17)	Total/NA	Solid	5030B	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	5030B	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	5030B	
500-198702-11	DUP-05-210503	Total/NA	Solid	5030B	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	5030B	
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	5030B	
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	5030B	

Analysis Batch: 598654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	8260B	597325
500-198702-2	SB-213 (11-12)	Total/NA	Solid	8260B	597569
500-198702-3	SB-213 (12-13)	Total/NA	Solid	8260B	597569
500-198702-3 - DL	SB-213 (12-13)	Total/NA	Solid	8260B	597569
500-198702-4	SB-222 (2-4)	Total/NA	Solid	8260B	597569
500-198702-5	SB-222 (7-8)	Total/NA	Solid	8260B	597325
500-198702-6	SB-222 (11-12)	Total/NA	Solid	8260B	597569
500-198702-7	SB-221 (16-17)	Total/NA	Solid	8260B	597569
LB3 500-597325/15-A	Method Blank	Total/NA	Solid	8260B	597325
MB 500-598654/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-597325/16-A	Lab Control Sample	Total/NA	Solid	8260B	597325
LCS 500-598654/4	Lab Control Sample	Total/NA	Solid	8260B	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	8260B	597325
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	8260B	597325
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	8260B	597569
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	8260B	597569

Analysis Batch: 598842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-12	SB-233 (2-3)	Total/NA	Solid	8260B	597326
500-198702-13	SB-233 (6-7)	Total/NA	Solid	8260B	597569
LB3 500-597326/21-A	Method Blank	Total/NA	Solid	8260B	597326
MB 500-598842/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-597326/22-A	Lab Control Sample	Total/NA	Solid	8260B	597326
LCS 500-598842/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 598847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-9	SB-220 (11-12)	Total/NA	Solid	8260B	597569
500-198702-10	SB-206 (3-4)	Total/NA	Solid	8260B	597569
500-198702-11	DUP-05-210503	Total/NA	Solid	8260B	597569
MB 500-598847/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-598847/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 599078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-14	SB-233 (8-9)	Total/NA	Solid	8260B	597326
500-198702-15	SB-219 (2-3)	Total/NA	Solid	8260B	597326
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	8260B	597326
500-198702-17	SB-219 (9-10)	Total/NA	Solid	8260B	597326
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	8260B	597326

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC/MS VOA (Continued)

Analysis Batch: 599078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-19	SB-209 (6-7)	Total/NA	Solid	8260B	597326
500-198702-20	SB-205 (1-2)	Total/NA	Solid	8260B	597326
500-198702-21	SB-205 (7-8)	Total/NA	Solid	8260B	597326
500-198702-22	TB-04-210505	Total/NA	Solid	8260B	597326
500-198702-23	TB-05-210505	Total/NA	Solid	8260B	597326
500-198702-24	TB-06-210505	Total/NA	Solid	8260B	597326
500-198702-25	TB-07-210505	Total/NA	Solid	8260B	597326
500-198702-26	TB-08-210505	Total/NA	Solid	8260B	597326
500-198702-27	SB-207 (3-4)	Total/NA	Solid	8260B	597326
500-198702-28	SB-207 (7-8)	Total/NA	Solid	8260B	597326
500-198702-29	SB-212 (1-2)	Total/NA	Solid	8260B	597326
MB 500-599078/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-599078/4	Lab Control Sample	Total/NA	Solid	8260B	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	8260B	597326
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	8260B	597326

Analysis Batch: 599178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-30	SB-212 (6-7)	Total/NA	Solid	8260B	597327
500-198702-31	DUP-07-210505	Total/NA	Solid	8260B	597327
500-198702-32	SB-212 (8-9)	Total/NA	Solid	8260B	597327
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	8260B	597327
500-198702-34	SB-234 (8-9)	Total/NA	Solid	8260B	597327
500-198702-35	SB-208 (3-4)	Total/NA	Solid	8260B	597327
500-198702-36	SB-208 (8-9)	Total/NA	Solid	8260B	597327
500-198702-37	DUP-06-210505	Total/NA	Solid	8260B	597327
LB3 500-597327/9-A	Method Blank	Total/NA	Solid	8260B	597327
MB 500-599178/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-597327/10-A	Lab Control Sample	Total/NA	Solid	8260B	597327
LCS 500-599178/4	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 598578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	3541	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	3541	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	3541	
500-198702-4	SB-222 (2-4)	Total/NA	Solid	3541	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	3541	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	3541	
500-198702-7	SB-221 (16-17)	Total/NA	Solid	3541	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	3541	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	3541	
500-198702-11	DUP-05-210503	Total/NA	Solid	3541	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	3541	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	3541	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	3541	
MB 500-598578/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598578/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	3541	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC/MS Semi VOA (Continued)

Prep Batch: 598578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	3541	
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	3541	
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	3541	

Analysis Batch: 598721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	8270D	598578
500-198702-4	SB-222 (2-4)	Total/NA	Solid	8270D	598578
500-198702-5	SB-222 (7-8)	Total/NA	Solid	8270D	598578
500-198702-6	SB-222 (11-12)	Total/NA	Solid	8270D	598578
500-198702-7	SB-221 (16-17)	Total/NA	Solid	8270D	598578
500-198702-9	SB-220 (11-12)	Total/NA	Solid	8270D	598578
500-198702-10	SB-206 (3-4)	Total/NA	Solid	8270D	598578
500-198702-11	DUP-05-210503	Total/NA	Solid	8270D	598578
500-198702-12	SB-233 (2-3)	Total/NA	Solid	8270D	598578
500-198702-13	SB-233 (6-7)	Total/NA	Solid	8270D	598578
500-198702-14	SB-233 (8-9)	Total/NA	Solid	8270D	598578
MB 500-598578/1-A	Method Blank	Total/NA	Solid	8270D	598578
LCS 500-598578/2-A	Lab Control Sample	Total/NA	Solid	8270D	598578
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	8270D	598578
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	8270D	598578
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	8270D	598578
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	8270D	598578

Prep Batch: 598737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	3541	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	3541	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	3541	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	3541	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	3541	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	3541	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	3541	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	3541	
500-198702-31	DUP-07-210505	Total/NA	Solid	3541	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	3541	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	3541	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	3541	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	3541	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	3541	
500-198702-37	DUP-06-210505	Total/NA	Solid	3541	
MB 500-598737/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598737/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	3541	
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	3541	

Analysis Batch: 598834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-598737/1-A	Method Blank	Total/NA	Solid	8270D	598737
LCS 500-598737/2-A	Lab Control Sample	Total/NA	Solid	8270D	598737

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC/MS Semi VOA

Analysis Batch: 598863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	8270D	598737
500-198702-19	SB-209 (6-7)	Total/NA	Solid	8270D	598737
500-198702-20	SB-205 (1-2)	Total/NA	Solid	8270D	598737
500-198702-21	SB-205 (7-8)	Total/NA	Solid	8270D	598737
500-198702-27	SB-207 (3-4)	Total/NA	Solid	8270D	598737
500-198702-28	SB-207 (7-8)	Total/NA	Solid	8270D	598737
500-198702-29	SB-212 (1-2)	Total/NA	Solid	8270D	598737
500-198702-30	SB-212 (6-7)	Total/NA	Solid	8270D	598737
500-198702-32	SB-212 (8-9)	Total/NA	Solid	8270D	598737
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	8270D	598737
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	8270D	598737

Analysis Batch: 599006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-2	SB-213 (11-12)	Total/NA	Solid	8270D	598578
500-198702-3	SB-213 (12-13)	Total/NA	Solid	8270D	598578
500-198702-31	DUP-07-210505	Total/NA	Solid	8270D	598737
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	8270D	598737
500-198702-34	SB-234 (8-9)	Total/NA	Solid	8270D	598737
500-198702-35	SB-208 (3-4)	Total/NA	Solid	8270D	598737
500-198702-36	SB-208 (8-9)	Total/NA	Solid	8270D	598737
500-198702-37	DUP-06-210505	Total/NA	Solid	8270D	598737

GC Semi VOA

Prep Batch: 598827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	3541	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	3541	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	3541	
500-198702-4	SB-222 (2-4)	Total/NA	Solid	3541	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	3541	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	3541	
500-198702-7	SB-221 (16-17)	Total/NA	Solid	3541	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	3541	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	3541	
500-198702-11	DUP-05-210503	Total/NA	Solid	3541	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	3541	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	3541	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	3541	
500-198702-15	SB-219 (2-3)	Total/NA	Solid	3541	
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	3541	
500-198702-17	SB-219 (9-10)	Total/NA	Solid	3541	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	3541	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	3541	
MB 500-598827/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-598827/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	3541	
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	3541	
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	3541	
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	3541	

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC Semi VOA

Analysis Batch: 599002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	8082A	598827
500-198702-2	SB-213 (11-12)	Total/NA	Solid	8082A	598827
500-198702-3	SB-213 (12-13)	Total/NA	Solid	8082A	598827
500-198702-4	SB-222 (2-4)	Total/NA	Solid	8082A	598827
500-198702-5	SB-222 (7-8)	Total/NA	Solid	8082A	598827
500-198702-6	SB-222 (11-12)	Total/NA	Solid	8082A	598827
500-198702-7	SB-221 (16-17)	Total/NA	Solid	8082A	598827
500-198702-9	SB-220 (11-12)	Total/NA	Solid	8082A	598827
500-198702-10	SB-206 (3-4)	Total/NA	Solid	8082A	598827
500-198702-11	DUP-05-210503	Total/NA	Solid	8082A	598827
500-198702-12	SB-233 (2-3)	Total/NA	Solid	8082A	598827
500-198702-13	SB-233 (6-7)	Total/NA	Solid	8082A	598827
500-198702-14	SB-233 (8-9)	Total/NA	Solid	8082A	598827
500-198702-15	SB-219 (2-3)	Total/NA	Solid	8082A	598827
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	8082A	598827
500-198702-17	SB-219 (9-10)	Total/NA	Solid	8082A	598827
500-198702-19	SB-209 (6-7)	Total/NA	Solid	8082A	598827
500-198702-20	SB-205 (1-2)	Total/NA	Solid	8082A	598827
MB 500-598827/1-A	Method Blank	Total/NA	Solid	8082A	598827
LCS 500-598827/2-A	Lab Control Sample	Total/NA	Solid	8082A	598827
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	8082A	598827
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	8082A	598827
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	8082A	598827
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	8082A	598827

Prep Batch: 599012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	3541	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	3541	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	3541	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	3541	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	3541	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	3541	
500-198702-31	DUP-07-210505	Total/NA	Solid	3541	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	3541	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	3541	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	3541	
MB 500-599012/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599012/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	3541	
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	3541	

Prep Batch: 599066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-37	DUP-06-210505	Total/NA	Solid	3541	
MB 500-599066/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599066/3-A	Lab Control Sample	Total/NA	Solid	3541	

Prep Batch: 599127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-35	SB-208 (3-4)	Total/NA	Solid	3541	

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

GC Semi VOA (Continued)

Prep Batch: 599127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-36	SB-208 (8-9)	Total/NA	Solid	3541	
MB 500-599127/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599127/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 599209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-37	DUP-06-210505	Total/NA	Solid	8082A	599066
MB 500-599066/1-A	Method Blank	Total/NA	Solid	8082A	599066
LCS 500-599066/3-A	Lab Control Sample	Total/NA	Solid	8082A	599066

Analysis Batch: 599260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	8082A	599012
500-198702-21	SB-205 (7-8)	Total/NA	Solid	8082A	599012
500-198702-27	SB-207 (3-4)	Total/NA	Solid	8082A	599012
500-198702-28	SB-207 (7-8)	Total/NA	Solid	8082A	599012
500-198702-29	SB-212 (1-2)	Total/NA	Solid	8082A	599012
500-198702-30	SB-212 (6-7)	Total/NA	Solid	8082A	599012
500-198702-31	DUP-07-210505	Total/NA	Solid	8082A	599012
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	8082A	599012
500-198702-34	SB-234 (8-9)	Total/NA	Solid	8082A	599012
MB 500-599012/1-A	Method Blank	Total/NA	Solid	8082A	599012
LCS 500-599012/2-A	Lab Control Sample	Total/NA	Solid	8082A	599012
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	8082A	599012
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	8082A	599012

Analysis Batch: 599360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-32	SB-212 (8-9)	Total/NA	Solid	8082A	599012

Analysis Batch: 599515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-35	SB-208 (3-4)	Total/NA	Solid	8082A	599127
500-198702-36	SB-208 (8-9)	Total/NA	Solid	8082A	599127
MB 500-599127/1-A	Method Blank	Total/NA	Solid	8082A	599127
LCS 500-599127/2-A	Lab Control Sample	Total/NA	Solid	8082A	599127

LCMS

Prep Batch: 487621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	SHAKE	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	SHAKE	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	SHAKE	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	SHAKE	
500-198702-11	DUP-05-210503	Total/NA	Solid	SHAKE	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	SHAKE	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	SHAKE	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	SHAKE	
500-198702-15	SB-219 (2-3)	Total/NA	Solid	SHAKE	
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	SHAKE	

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

LCMS (Continued)

Prep Batch: 487621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-17	SB-219 (9-10)	Total/NA	Solid	SHAKE	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	SHAKE	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	SHAKE	
500-198702-31	DUP-07-210505	Total/NA	Solid	SHAKE	
MB 320-487621/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-487621/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	SHAKE	
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	SHAKE	

Prep Batch: 487829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-8	FB-03-210503	Total/NA	Water	3535	
500-198702-38	FB-04-210504	Total/NA	Water	3535	
MB 320-487829/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-487829/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-487829/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 487940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-7	SB-221 (16-17)	Total/NA	Solid	SHAKE	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	SHAKE	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	SHAKE	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	SHAKE	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	SHAKE	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	SHAKE	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	SHAKE	
500-198702-37	DUP-06-210505	Total/NA	Solid	SHAKE	
MB 320-487940/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-487940/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
500-198702-33 MS	SB-234 (0.5-1.5)	Total/NA	Solid	SHAKE	
500-198702-33 MSD	SB-234 (0.5-1.5)	Total/NA	Solid	SHAKE	

Analysis Batch: 488055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	537 (modified)	487621
500-198702-2	SB-213 (11-12)	Total/NA	Solid	537 (modified)	487621
500-198702-10	SB-206 (3-4)	Total/NA	Solid	537 (modified)	487621
500-198702-11	DUP-05-210503	Total/NA	Solid	537 (modified)	487621
500-198702-12	SB-233 (2-3)	Total/NA	Solid	537 (modified)	487621
500-198702-13	SB-233 (6-7)	Total/NA	Solid	537 (modified)	487621
500-198702-14	SB-233 (8-9)	Total/NA	Solid	537 (modified)	487621
500-198702-15	SB-219 (2-3)	Total/NA	Solid	537 (modified)	487621
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	537 (modified)	487621
500-198702-29	SB-212 (1-2)	Total/NA	Solid	537 (modified)	487621
500-198702-31	DUP-07-210505	Total/NA	Solid	537 (modified)	487621
MB 320-487621/1-A	Method Blank	Total/NA	Solid	537 (modified)	487621
LCS 320-487621/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	487621
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	537 (modified)	487621
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	537 (modified)	487621

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

LCMS

Analysis Batch: 488140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-8	FB-03-210503	Total/NA	Water	537 (modified)	487829
500-198702-38	FB-04-210504	Total/NA	Water	537 (modified)	487829
MB 320-487829/1-A	Method Blank	Total/NA	Water	537 (modified)	487829
LCS 320-487829/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	487829
LCSD 320-487829/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	487829

Analysis Batch: 488356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-7	SB-221 (16-17)	Total/NA	Solid	537 (modified)	487940
500-198702-9	SB-220 (11-12)	Total/NA	Solid	537 (modified)	487940
500-198702-32	SB-212 (8-9)	Total/NA	Solid	537 (modified)	487940
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	537 (modified)	487940
500-198702-34	SB-234 (8-9)	Total/NA	Solid	537 (modified)	487940
500-198702-35	SB-208 (3-4)	Total/NA	Solid	537 (modified)	487940
500-198702-36	SB-208 (8-9)	Total/NA	Solid	537 (modified)	487940
500-198702-37	DUP-06-210505	Total/NA	Solid	537 (modified)	487940
MB 320-487940/1-A	Method Blank	Total/NA	Solid	537 (modified)	487940
LCS 320-487940/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	487940
500-198702-33 MS	SB-234 (0.5-1.5)	Total/NA	Solid	537 (modified)	487940
500-198702-33 MSD	SB-234 (0.5-1.5)	Total/NA	Solid	537 (modified)	487940

Analysis Batch: 489473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-3	SB-213 (12-13)	Total/NA	Solid	537 (modified)	487621

Analysis Batch: 490416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-17	SB-219 (9-10)	Total/NA	Solid	537 (modified)	487621
500-198702-30	SB-212 (6-7)	Total/NA	Solid	537 (modified)	487621

Metals

Prep Batch: 598719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	3050B	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	3050B	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	3050B	
MB 500-598719/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-598719/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	3050B	
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	3050B	
500-198702-1 DU	SB-213 (1-2)	Total/NA	Solid	3050B	

Prep Batch: 598720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-4	SB-222 (2-4)	Total/NA	Solid	3050B	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	3050B	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	3050B	
500-198702-7	SB-221 (16-17)	Total/NA	Solid	3050B	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	3050B	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	3050B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Metals (Continued)

Prep Batch: 598720 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-11	DUP-05-210503	Total/NA	Solid	3050B	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	3050B	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	3050B	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	3050B	
MB 500-598720/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-598720/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	3050B	
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	3050B	
500-198702-4 DU	SB-222 (2-4)	Total/NA	Solid	3050B	

Prep Batch: 598899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	7471B	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	7471B	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	7471B	
500-198702-4	SB-222 (2-4)	Total/NA	Solid	7471B	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	7471B	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	7471B	
500-198702-7	SB-221 (16-17)	Total/NA	Solid	7471B	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	7471B	
MB 500-598899/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-598899/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	7471B	
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	7471B	
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	7471B	
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	7471B	
500-198702-1 DU	SB-213 (1-2)	Total/NA	Solid	7471B	
500-198702-4 DU	SB-222 (2-4)	Total/NA	Solid	7471B	

Prep Batch: 598901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-10	SB-206 (3-4)	Total/NA	Solid	7471B	
500-198702-11	DUP-05-210503	Total/NA	Solid	7471B	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	7471B	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	7471B	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	7471B	
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	7471B	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	7471B	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	7471B	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	7471B	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	7471B	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	7471B	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	7471B	
500-198702-31	DUP-07-210505	Total/NA	Solid	7471B	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	7471B	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	7471B	
MB 500-598901/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-598901/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Metals (Continued)

Prep Batch: 598901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18 DU	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	

Prep Batch: 598937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-34	SB-234 (8-9)	Total/NA	Solid	7471B	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	7471B	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	7471B	
500-198702-37	DUP-06-210505	Total/NA	Solid	7471B	
MB 500-598937/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-598937/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 598959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	6010B	598719
500-198702-2	SB-213 (11-12)	Total/NA	Solid	6010B	598719
500-198702-3	SB-213 (12-13)	Total/NA	Solid	6010B	598719
MB 500-598719/1-A	Method Blank	Total/NA	Solid	6010B	598719
LCS 500-598719/2-A	Lab Control Sample	Total/NA	Solid	6010B	598719
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	6010B	598719
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	6010B	598719
500-198702-1 DU	SB-213 (1-2)	Total/NA	Solid	6010B	598719

Prep Batch: 599068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	3050B	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	3050B	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	3050B	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	3050B	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	3050B	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	3050B	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	3050B	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	3050B	
500-198702-31	DUP-07-210505	Total/NA	Solid	3050B	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	3050B	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	3050B	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	3050B	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	3050B	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	3050B	
500-198702-37	DUP-06-210505	Total/NA	Solid	3050B	
MB 500-599068/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-599068/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	3050B	
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	3050B	
500-198702-18 DU	SB-209 (0.5-1.75)	Total/NA	Solid	3050B	

Analysis Batch: 599203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-4	SB-222 (2-4)	Total/NA	Solid	6010B	598720
500-198702-5	SB-222 (7-8)	Total/NA	Solid	6010B	598720
500-198702-6	SB-222 (11-12)	Total/NA	Solid	6010B	598720
500-198702-7	SB-221 (16-17)	Total/NA	Solid	6010B	598720

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Metals (Continued)

Analysis Batch: 599203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-9	SB-220 (11-12)	Total/NA	Solid	6010B	598720
500-198702-10	SB-206 (3-4)	Total/NA	Solid	6010B	598720
500-198702-11	DUP-05-210503	Total/NA	Solid	6010B	598720
500-198702-12	SB-233 (2-3)	Total/NA	Solid	6010B	598720
500-198702-13	SB-233 (6-7)	Total/NA	Solid	6010B	598720
500-198702-14	SB-233 (8-9)	Total/NA	Solid	6010B	598720
MB 500-598720/1-A	Method Blank	Total/NA	Solid	6010B	598720
LCS 500-598720/2-A	Lab Control Sample	Total/NA	Solid	6010B	598720
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	6010B	598720
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	6010B	598720
500-198702-4 DU	SB-222 (2-4)	Total/NA	Solid	6010B	598720

Analysis Batch: 599257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	7471B	598899
500-198702-2	SB-213 (11-12)	Total/NA	Solid	7471B	598899
500-198702-3	SB-213 (12-13)	Total/NA	Solid	7471B	598899
500-198702-4	SB-222 (2-4)	Total/NA	Solid	7471B	598899
500-198702-5	SB-222 (7-8)	Total/NA	Solid	7471B	598899
500-198702-6	SB-222 (11-12)	Total/NA	Solid	7471B	598899
500-198702-7	SB-221 (16-17)	Total/NA	Solid	7471B	598899
500-198702-9	SB-220 (11-12)	Total/NA	Solid	7471B	598899
500-198702-10	SB-206 (3-4)	Total/NA	Solid	7471B	598901
500-198702-11	DUP-05-210503	Total/NA	Solid	7471B	598901
500-198702-12	SB-233 (2-3)	Total/NA	Solid	7471B	598901
500-198702-13	SB-233 (6-7)	Total/NA	Solid	7471B	598901
500-198702-14	SB-233 (8-9)	Total/NA	Solid	7471B	598901
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	598901
500-198702-19	SB-209 (6-7)	Total/NA	Solid	7471B	598901
500-198702-20	SB-205 (1-2)	Total/NA	Solid	7471B	598901
500-198702-21	SB-205 (7-8)	Total/NA	Solid	7471B	598901
500-198702-27	SB-207 (3-4)	Total/NA	Solid	7471B	598901
500-198702-28	SB-207 (7-8)	Total/NA	Solid	7471B	598901
500-198702-29	SB-212 (1-2)	Total/NA	Solid	7471B	598901
500-198702-30	SB-212 (6-7)	Total/NA	Solid	7471B	598901
500-198702-31	DUP-07-210505	Total/NA	Solid	7471B	598901
500-198702-32	SB-212 (8-9)	Total/NA	Solid	7471B	598901
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	7471B	598901
500-198702-34	SB-234 (8-9)	Total/NA	Solid	7471B	598937
500-198702-35	SB-208 (3-4)	Total/NA	Solid	7471B	598937
500-198702-36	SB-208 (8-9)	Total/NA	Solid	7471B	598937
500-198702-37	DUP-06-210505	Total/NA	Solid	7471B	598937
MB 500-598899/12-A	Method Blank	Total/NA	Solid	7471B	598899
MB 500-598901/12-A	Method Blank	Total/NA	Solid	7471B	598901
MB 500-598937/12-A	Method Blank	Total/NA	Solid	7471B	598937
LCS 500-598899/13-A	Lab Control Sample	Total/NA	Solid	7471B	598899
LCS 500-598901/13-A	Lab Control Sample	Total/NA	Solid	7471B	598901
LCS 500-598937/13-A	Lab Control Sample	Total/NA	Solid	7471B	598937
500-198702-1 MS	SB-213 (1-2)	Total/NA	Solid	7471B	598899
500-198702-1 MSD	SB-213 (1-2)	Total/NA	Solid	7471B	598899
500-198702-4 MS	SB-222 (2-4)	Total/NA	Solid	7471B	598899

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Metals (Continued)

Analysis Batch: 599257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-4 MSD	SB-222 (2-4)	Total/NA	Solid	7471B	598899
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	598901
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	598901
500-198702-1 DU	SB-213 (1-2)	Total/NA	Solid	7471B	598899
500-198702-4 DU	SB-222 (2-4)	Total/NA	Solid	7471B	598899
500-198702-18 DU	SB-209 (0.5-1.75)	Total/NA	Solid	7471B	598901

Analysis Batch: 599473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	6010B	599068
500-198702-19	SB-209 (6-7)	Total/NA	Solid	6010B	599068
500-198702-20	SB-205 (1-2)	Total/NA	Solid	6010B	599068
500-198702-21	SB-205 (7-8)	Total/NA	Solid	6010B	599068
500-198702-27	SB-207 (3-4)	Total/NA	Solid	6010B	599068
500-198702-28	SB-207 (7-8)	Total/NA	Solid	6010B	599068
500-198702-29	SB-212 (1-2)	Total/NA	Solid	6010B	599068
500-198702-30	SB-212 (6-7)	Total/NA	Solid	6010B	599068
500-198702-31	DUP-07-210505	Total/NA	Solid	6010B	599068
500-198702-32	SB-212 (8-9)	Total/NA	Solid	6010B	599068
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	6010B	599068
500-198702-34	SB-234 (8-9)	Total/NA	Solid	6010B	599068
500-198702-35	SB-208 (3-4)	Total/NA	Solid	6010B	599068
500-198702-36	SB-208 (8-9)	Total/NA	Solid	6010B	599068
500-198702-37	DUP-06-210505	Total/NA	Solid	6010B	599068
MB 500-599068/1-A	Method Blank	Total/NA	Solid	6010B	599068
LCS 500-599068/2-A	Lab Control Sample	Total/NA	Solid	6010B	599068
500-198702-18 MS	SB-209 (0.5-1.75)	Total/NA	Solid	6010B	599068
500-198702-18 MSD	SB-209 (0.5-1.75)	Total/NA	Solid	6010B	599068
500-198702-18 DU	SB-209 (0.5-1.75)	Total/NA	Solid	6010B	599068

General Chemistry

Analysis Batch: 598706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-1	SB-213 (1-2)	Total/NA	Solid	Moisture	
500-198702-2	SB-213 (11-12)	Total/NA	Solid	Moisture	
500-198702-3	SB-213 (12-13)	Total/NA	Solid	Moisture	
500-198702-4	SB-222 (2-4)	Total/NA	Solid	Moisture	
500-198702-5	SB-222 (7-8)	Total/NA	Solid	Moisture	
500-198702-6	SB-222 (11-12)	Total/NA	Solid	Moisture	
500-198702-7	SB-221 (16-17)	Total/NA	Solid	Moisture	
500-198702-9	SB-220 (11-12)	Total/NA	Solid	Moisture	
500-198702-10	SB-206 (3-4)	Total/NA	Solid	Moisture	
500-198702-11	DUP-05-210503	Total/NA	Solid	Moisture	
500-198702-12	SB-233 (2-3)	Total/NA	Solid	Moisture	
500-198702-13	SB-233 (6-7)	Total/NA	Solid	Moisture	
500-198702-14	SB-233 (8-9)	Total/NA	Solid	Moisture	
500-198702-15	SB-219 (2-3)	Total/NA	Solid	Moisture	
500-198702-16	SB-219 (5.5-6.5)	Total/NA	Solid	Moisture	

QC Association Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

General Chemistry

Analysis Batch: 598810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198702-17	SB-219 (9-10)	Total/NA	Solid	Moisture	
500-198702-18	SB-209 (0.5-1.75)	Total/NA	Solid	Moisture	
500-198702-19	SB-209 (6-7)	Total/NA	Solid	Moisture	
500-198702-20	SB-205 (1-2)	Total/NA	Solid	Moisture	
500-198702-21	SB-205 (7-8)	Total/NA	Solid	Moisture	
500-198702-27	SB-207 (3-4)	Total/NA	Solid	Moisture	
500-198702-28	SB-207 (7-8)	Total/NA	Solid	Moisture	
500-198702-29	SB-212 (1-2)	Total/NA	Solid	Moisture	
500-198702-30	SB-212 (6-7)	Total/NA	Solid	Moisture	
500-198702-31	DUP-07-210505	Total/NA	Solid	Moisture	
500-198702-32	SB-212 (8-9)	Total/NA	Solid	Moisture	
500-198702-33	SB-234 (0.5-1.5)	Total/NA	Solid	Moisture	
500-198702-34	SB-234 (8-9)	Total/NA	Solid	Moisture	
500-198702-35	SB-208 (3-4)	Total/NA	Solid	Moisture	
500-198702-36	SB-208 (8-9)	Total/NA	Solid	Moisture	
500-198702-37	DUP-06-210505	Total/NA	Solid	Moisture	
500-198702-20 DU	SB-205 (1-2)	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-198702-1	SB-213 (1-2)	93	91	97	97
500-198702-1 MS	SB-213 (1-2)	94	94	95	98
500-198702-1 MSD	SB-213 (1-2)	97	95	91	98
500-198702-2	SB-213 (11-12)	85	90	94	98
500-198702-3	SB-213 (12-13)	85	91	97	110
500-198702-3 - DL	SB-213 (12-13)	97	92	95	100
500-198702-4	SB-222 (2-4)	96	91	97	98
500-198702-4 MS	SB-222 (2-4)	95	94	93	99
500-198702-4 MSD	SB-222 (2-4)	95	96	94	98
500-198702-5	SB-222 (7-8)	94	90	95	97
500-198702-6	SB-222 (11-12)	95	90	96	98
500-198702-7	SB-221 (16-17)	98	90	96	97
500-198702-9	SB-220 (11-12)	105	95	104	94
500-198702-10	SB-206 (3-4)	107	94	104	93
500-198702-11	DUP-05-210503	106	94	106	94
500-198702-12	SB-233 (2-3)	83	83	96	93
500-198702-13	SB-233 (6-7)	84	83	95	93
500-198702-14	SB-233 (8-9)	83	84	96	94
500-198702-15	SB-219 (2-3)	83	83	96	95
500-198702-16	SB-219 (5.5-6.5)	84	82	96	94
500-198702-17	SB-219 (9-10)	83	83	96	93
500-198702-18	SB-209 (0.5-1.75)	83	82	97	94
500-198702-18 MS	SB-209 (0.5-1.75)	83	93	97	94
500-198702-18 MSD	SB-209 (0.5-1.75)	84	93	98	94
500-198702-19	SB-209 (6-7)	82	83	96	94
500-198702-20	SB-205 (1-2)	83	82	95	94
500-198702-21	SB-205 (7-8)	83	82	98	94
500-198702-22	TB-04-210505	84	81	91	98
500-198702-23	TB-05-210505	86	82	91	95
500-198702-24	TB-06-210505	83	80	93	94
500-198702-25	TB-07-210505	84	81	92	94
500-198702-26	TB-08-210505	83	81	92	95
500-198702-27	SB-207 (3-4)	84	83	97	93
500-198702-28	SB-207 (7-8)	83	82	97	95
500-198702-29	SB-212 (1-2)	85	84	97	94
500-198702-30	SB-212 (6-7)	81	84	101	93
500-198702-31	DUP-07-210505	81	84	102	94
500-198702-32	SB-212 (8-9)	84	85	102	94
500-198702-33	SB-234 (0.5-1.5)	82	84	101	94
500-198702-34	SB-234 (8-9)	82	85	102	93
500-198702-35	SB-208 (3-4)	83	86	103	93
500-198702-36	SB-208 (8-9)	82	84	102	94
500-198702-37	DUP-06-210505	82	86	102	92
LB3 500-597325/15-A	Method Blank	98	91	95	99
LB3 500-597326/21-A	Method Blank	82	81	89	94
LB3 500-597327/9-A	Method Blank	82	82	96	95
LCS 500-597325/16-A	Lab Control Sample	98	95	94	99
LCS 500-597326/22-A	Lab Control Sample	85	93	97	93
LCS 500-597327/10-A	Lab Control Sample	82	94	101	94

Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
LCS 500-598654/4	Lab Control Sample	96	97	93	99
LCS 500-598842/4	Lab Control Sample	85	91	91	94
LCS 500-598847/5	Lab Control Sample	99	96	101	96
LCS 500-599078/4	Lab Control Sample	83	90	92	96
LCS 500-599178/4	Lab Control Sample	83	92	97	96
MB 500-598654/6	Method Blank	103	92	95	101
MB 500-598842/6	Method Blank	85	87	93	94
MB 500-598847/7	Method Blank	112	98	105	93
MB 500-599078/6	Method Blank	84	86	92	94
MB 500-599178/6	Method Blank	85	87	98	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198702-1	SB-213 (1-2)	79	91	122
500-198702-1 MS	SB-213 (1-2)	76	76	81
500-198702-1 MSD	SB-213 (1-2)	97	101	88
500-198702-2	SB-213 (11-12)	90	137	116
500-198702-3	SB-213 (12-13)	89	112	132
500-198702-4	SB-222 (2-4)	81	86	139
500-198702-4 MS	SB-222 (2-4)	69	77	102
500-198702-4 MSD	SB-222 (2-4)	101	92	102
500-198702-5	SB-222 (7-8)	104	107	155
500-198702-6	SB-222 (11-12)	91	93	154
500-198702-7	SB-221 (16-17)	88	94	139
500-198702-9	SB-220 (11-12)	84	91	151
500-198702-10	SB-206 (3-4)	75	88	122
500-198702-11	DUP-05-210503	79	90	158 S1+
500-198702-12	SB-233 (2-3)	88	92	161 S1+
500-198702-13	SB-233 (6-7)	85	89	145
500-198702-14	SB-233 (8-9)	86	90	151
500-198702-18	SB-209 (0.5-1.75)	85	95	90
500-198702-18 MS	SB-209 (0.5-1.75)	82	96	92
500-198702-18 MSD	SB-209 (0.5-1.75)	86	103	97
500-198702-19	SB-209 (6-7)	80	93	89
500-198702-20	SB-205 (1-2)	78	87	82
500-198702-21	SB-205 (7-8)	72	82	81
500-198702-27	SB-207 (3-4)	81	90	91
500-198702-28	SB-207 (7-8)	73	85	88
500-198702-29	SB-212 (1-2)	82	87	84
500-198702-30	SB-212 (6-7)	82	95	89
500-198702-31	DUP-07-210505	72	71	111

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Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198702-32	SB-212 (8-9)	79	95	91
500-198702-33	SB-234 (0.5-1.5)	92	88	123
500-198702-34	SB-234 (8-9)	71	77	114
500-198702-35	SB-208 (3-4)	84	92	141
500-198702-36	SB-208 (8-9)	60	40	110
500-198702-37	DUP-06-210505	95	97	141
LCS 500-598578/2-A	Lab Control Sample	101	101	106
LCS 500-598737/2-A	Lab Control Sample	105	89	100
MB 500-598578/1-A	Method Blank	81	87	128
MB 500-598737/1-A	Method Blank	100	89	119

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-198702-1	SB-213 (1-2)	84	90
500-198702-1 MS	SB-213 (1-2)	80	67
500-198702-1 MSD	SB-213 (1-2)	74	66
500-198702-2	SB-213 (11-12)	108	74
500-198702-3	SB-213 (12-13)	114	91
500-198702-4	SB-222 (2-4)	72	71
500-198702-4 MS	SB-222 (2-4)	86	75
500-198702-4 MSD	SB-222 (2-4)	82	82
500-198702-5	SB-222 (7-8)	86	77
500-198702-6	SB-222 (11-12)	81	83
500-198702-7	SB-221 (16-17)	65	69
500-198702-9	SB-220 (11-12)	71	81
500-198702-10	SB-206 (3-4)	60	66
500-198702-11	DUP-05-210503	74	86
500-198702-12	SB-233 (2-3)	168 S1+	165 S1+
500-198702-13	SB-233 (6-7)	60	75
500-198702-14	SB-233 (8-9)	76	96
500-198702-15	SB-219 (2-3)	70	98
500-198702-16	SB-219 (5.5-6.5)	91	94
500-198702-17	SB-219 (9-10)	82	65
500-198702-18	SB-209 (0.5-1.75)	63	66
500-198702-18 MS	SB-209 (0.5-1.75)	54	65
500-198702-18 MSD	SB-209 (0.5-1.75)	57	61
500-198702-19	SB-209 (6-7)	69	102
500-198702-20	SB-205 (1-2)	69	74
500-198702-21	SB-205 (7-8)	68	75
500-198702-27	SB-207 (3-4)	64	76
500-198702-28	SB-207 (7-8)	63	75
500-198702-29	SB-212 (1-2)	44 S1-	37

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Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-198702-30	SB-212 (6-7)	61	60
500-198702-31	DUP-07-210505	50	57
500-198702-32	SB-212 (8-9)	0 D	0 D
500-198702-33	SB-234 (0.5-1.5)	61	69
500-198702-34	SB-234 (8-9)	55	60
500-198702-35	SB-208 (3-4)	88	112
500-198702-36	SB-208 (8-9)	76	96
500-198702-37	DUP-06-210505	80	61
LCS 500-598827/2-A	Lab Control Sample	96	83
LCS 500-599012/2-A	Lab Control Sample	60	68
LCS 500-599066/3-A	Lab Control Sample	80	65
LCS 500-599127/2-A	Lab Control Sample	87	105
MB 500-598827/1-A	Method Blank	105	94
MB 500-599012/1-A	Method Blank	55	64
MB 500-599066/1-A	Method Blank	93	93
MB 500-599127/1-A	Method Blank	80	94

Surrogate Legend

TCX = Tetrachloro-m-xylene
 DCBP = DCB Decachlorobiphenyl



QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597325/15-A
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597325

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Bromobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Bromochloromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Bromodichloromethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Bromoform	<24		50	24	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Bromomethane	<40		150	40	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Chlorobenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Chloroethane	<25		50	25	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Chloroform	<19		100	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Chloromethane	<16		50	16	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Dibromochloromethane	<24		50	24	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Dibromomethane	<14		50	14	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Isopropylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Isopropyl ether	<14		50	14	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Methylene Chloride	<82		250	82	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Naphthalene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
n-Butylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
N-Propylbenzene	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Styrene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Tetrachloroethene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Toluene	<7.4		13	7.4	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597325/15-A
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597325

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Vinyl chloride	<13		50	13	ug/Kg		05/07/21 00:45	05/14/21 00:21	50
Xylenes, Total	<11		25	11	ug/Kg		05/07/21 00:45	05/14/21 00:21	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124	05/07/21 00:45	05/14/21 00:21	50
Dibromofluoromethane (Surr)	91		75 - 120	05/07/21 00:45	05/14/21 00:21	50
1,2-Dichloroethane-d4 (Surr)	95		75 - 126	05/07/21 00:45	05/14/21 00:21	50
Toluene-d8 (Surr)	99		75 - 120	05/07/21 00:45	05/14/21 00:21	50

Lab Sample ID: LCS 500-597325/16-A
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2550		ug/Kg		102	70 - 120
Bromobenzene	2500	2700		ug/Kg		108	70 - 122
Bromochloromethane	2500	2530		ug/Kg		101	65 - 122
Bromodichloromethane	2500	2290		ug/Kg		92	69 - 120
Bromoform	2500	2230		ug/Kg		89	56 - 132
Bromomethane	2500	2370		ug/Kg		95	40 - 152
Carbon tetrachloride	2500	2190		ug/Kg		87	59 - 133
Chlorobenzene	2500	2540		ug/Kg		101	70 - 120
Chloroethane	2500	2060		ug/Kg		83	48 - 136
Chloroform	2500	2320		ug/Kg		93	70 - 120
Chloromethane	2500	1920		ug/Kg		77	56 - 152
2-Chlorotoluene	2500	2550		ug/Kg		102	70 - 125
4-Chlorotoluene	2500	2490		ug/Kg		100	68 - 124
cis-1,2-Dichloroethene	2500	2470		ug/Kg		99	70 - 125
cis-1,3-Dichloropropene	2500	2380		ug/Kg		95	64 - 127
Dibromochloromethane	2500	2240		ug/Kg		90	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1720		ug/Kg		69	56 - 123
1,2-Dibromoethane	2500	2680		ug/Kg		107	70 - 125
Dibromomethane	2500	2580		ug/Kg		103	70 - 120
1,2-Dichlorobenzene	2500	2520		ug/Kg		101	70 - 125
1,3-Dichlorobenzene	2500	2470		ug/Kg		99	70 - 125
1,4-Dichlorobenzene	2500	2460		ug/Kg		99	70 - 120
Dichlorodifluoromethane	2500	1370		ug/Kg		55	40 - 159
1,1-Dichloroethane	2500	2540		ug/Kg		101	70 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-597325/16-A
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	2500	2380		ug/Kg		95	68 - 127
1,1-Dichloroethene	2500	2300		ug/Kg		92	67 - 122
1,2-Dichloropropane	2500	2760		ug/Kg		110	67 - 130
1,3-Dichloropropane	2500	2630		ug/Kg		105	62 - 136
2,2-Dichloropropane	2500	2230		ug/Kg		89	58 - 139
1,1-Dichloropropene	2500	2390		ug/Kg		96	70 - 121
Ethylbenzene	2500	2480		ug/Kg		99	70 - 123
Hexachlorobutadiene	2500	2180		ug/Kg		87	51 - 150
Isopropylbenzene	2500	2620		ug/Kg		105	70 - 126
Methylene Chloride	2500	2510		ug/Kg		100	69 - 125
Methyl tert-butyl ether	2500	2240		ug/Kg		90	55 - 123
Naphthalene	2500	1920		ug/Kg		77	53 - 144
n-Butylbenzene	2500	2280		ug/Kg		91	68 - 125
N-Propylbenzene	2500	2500		ug/Kg		100	69 - 127
p-Isopropyltoluene	2500	2450		ug/Kg		98	70 - 125
sec-Butylbenzene	2500	2510		ug/Kg		100	70 - 123
Styrene	2500	2580		ug/Kg		103	70 - 120
tert-Butylbenzene	2500	2570		ug/Kg		103	70 - 121
1,1,1,2-Tetrachloroethane	2500	2510		ug/Kg		101	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	2870		ug/Kg		115	62 - 140
Tetrachloroethene	2500	2410		ug/Kg		96	70 - 128
Toluene	2500	2580		ug/Kg		103	70 - 125
trans-1,2-Dichloroethene	2500	2420		ug/Kg		97	70 - 125
trans-1,3-Dichloropropene	2500	2260		ug/Kg		90	62 - 128
1,2,3-Trichlorobenzene	2500	1760		ug/Kg		70	51 - 145
1,2,4-Trichlorobenzene	2500	1860		ug/Kg		75	57 - 137
1,1,1-Trichloroethane	2500	2310		ug/Kg		92	70 - 125
1,1,2-Trichloroethane	2500	2680		ug/Kg		107	71 - 130
Trichloroethene	2500	2540		ug/Kg		102	70 - 125
Trichlorofluoromethane	2500	2290		ug/Kg		92	55 - 128
1,2,3-Trichloropropane	2500	2810		ug/Kg		112	50 - 133
1,2,4-Trimethylbenzene	2500	2510		ug/Kg		100	70 - 123
1,3,5-Trimethylbenzene	2500	2510		ug/Kg		100	70 - 123
Vinyl chloride	2500	2360		ug/Kg		94	64 - 126
Xylenes, Total	5000	4900		ug/Kg		98	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
Toluene-d8 (Surr)	99		75 - 120

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<9.9		3410	3170		ug/Kg	☆	93	70 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromobenzene	<24		3410	3140		ug/Kg	☼	92	70 - 122
Bromochloromethane	<29		3410	3160		ug/Kg	☼	93	65 - 122
Bromodichloromethane	<25		3410	2820		ug/Kg	☼	83	69 - 120
Bromoform	<33		3410	2730		ug/Kg	☼	80	56 - 132
Bromomethane	<54		3410	2810		ug/Kg	☼	82	40 - 152
Carbon tetrachloride	<26		3410	2790		ug/Kg	☼	82	59 - 133
Chlorobenzene	<26		3410	3110		ug/Kg	☼	91	70 - 120
Chloroethane	<34		3410	2430		ug/Kg	☼	71	48 - 136
Chloroform	<25		3410	2830		ug/Kg	☼	83	70 - 120
Chloromethane	<22		3410	2690		ug/Kg	☼	79	56 - 152
2-Chlorotoluene	<21		3410	3010		ug/Kg	☼	88	70 - 125
4-Chlorotoluene	<24		3410	2970		ug/Kg	☼	87	68 - 124
cis-1,2-Dichloroethene	<28		3410	3100		ug/Kg	☼	91	70 - 125
cis-1,3-Dichloropropene	<28		3410	2930		ug/Kg	☼	86	64 - 127
Dibromochloromethane	<33		3410	2720		ug/Kg	☼	80	68 - 125
1,2-Dibromo-3-Chloropropane	<140		3410	2170		ug/Kg	☼	63	56 - 123
1,2-Dibromoethane	<26		3410	3210		ug/Kg	☼	94	70 - 125
Dibromomethane	<18		3410	3180		ug/Kg	☼	93	70 - 120
1,2-Dichlorobenzene	<23		3410	3030		ug/Kg	☼	89	70 - 125
1,3-Dichlorobenzene	<27		3410	3010		ug/Kg	☼	88	70 - 125
1,4-Dichlorobenzene	<25		3410	3040		ug/Kg	☼	89	70 - 120
Dichlorodifluoromethane	<46		3410	2590		ug/Kg	☼	76	40 - 159
1,1-Dichloroethane	<28		3410	3150		ug/Kg	☼	92	70 - 125
1,2-Dichloroethane	<27		3410	2950		ug/Kg	☼	86	68 - 127
1,1-Dichloroethene	<26		3410	3090		ug/Kg	☼	91	67 - 122
1,2-Dichloropropane	<29		3410	3390		ug/Kg	☼	99	67 - 130
1,3-Dichloropropane	<25		3410	3180		ug/Kg	☼	93	62 - 136
2,2-Dichloropropane	<30		3410	2840		ug/Kg	☼	83	58 - 139
1,1-Dichloropropene	<20		3410	3010		ug/Kg	☼	88	70 - 121
Ethylbenzene	<12		3410	3030		ug/Kg	☼	89	70 - 123
Hexachlorobutadiene	<30		3410	2800		ug/Kg	☼	82	51 - 150
Isopropylbenzene	<26		3410	3070		ug/Kg	☼	90	70 - 126
Methylene Chloride	<110		3410	3140		ug/Kg	☼	92	69 - 125
Methyl tert-butyl ether	<27		3410	2800		ug/Kg	☼	82	55 - 123
Naphthalene	<23		3410	2870		ug/Kg	☼	84	53 - 144
n-Butylbenzene	<26		3410	2940		ug/Kg	☼	86	68 - 125
N-Propylbenzene	<28		3410	2990		ug/Kg	☼	88	69 - 127
p-Isopropyltoluene	<25		3410	3000		ug/Kg	☼	88	70 - 125
sec-Butylbenzene	<27		3410	3040		ug/Kg	☼	89	70 - 123
Styrene	<26		3410	3150		ug/Kg	☼	92	70 - 120
tert-Butylbenzene	<27		3410	3010		ug/Kg	☼	88	70 - 121
1,1,1,2-Tetrachloroethane	<31		3410	3030		ug/Kg	☼	89	70 - 125
1,1,1,2,2-Tetrachloroethane	<27		3410	3210		ug/Kg	☼	94	62 - 140
Tetrachloroethene	<25		3410	3030		ug/Kg	☼	89	70 - 128
Toluene	<10		3410	3160		ug/Kg	☼	93	70 - 125
trans-1,2-Dichloroethene	<24		3410	3060		ug/Kg	☼	90	70 - 125
trans-1,3-Dichloropropene	<25		3410	2720		ug/Kg	☼	80	62 - 128
1,2,3-Trichlorobenzene	<31		3410	3250		ug/Kg	☼	95	51 - 145
1,2,4-Trichlorobenzene	<23		3410	2830		ug/Kg	☼	83	57 - 137

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1,1-Trichloroethane	<26		3410	2920		ug/Kg	☼	86	70 - 125	
1,1,2-Trichloroethane	<24		3410	3280		ug/Kg	☼	96	71 - 130	
Trichloroethene	<11		3410	3170		ug/Kg	☼	93	70 - 125	
Trichlorofluoromethane	<29		3410	2610		ug/Kg	☼	76	55 - 128	
1,2,3-Trichloropropane	<28		3410	3520		ug/Kg	☼	103	50 - 133	
1,2,4-Trimethylbenzene	<24		3410	3030		ug/Kg	☼	89	70 - 123	
1,3,5-Trimethylbenzene	<26		3410	2970		ug/Kg	☼	87	70 - 123	
Vinyl chloride	<18		3410	3110		ug/Kg	☼	91	64 - 126	
Xylenes, Total	<15		6820	6030		ug/Kg	☼	88	70 - 125	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	94		72 - 124							
Dibromofluoromethane (Surr)	94		75 - 120							
1,2-Dichloroethane-d4 (Surr)	95		75 - 126							
Toluene-d8 (Surr)	98		75 - 120							

Lab Sample ID: 500-198702-1 MSD
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 597325

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzene	<9.9		3440	3310		ug/Kg	☼	96	70 - 120	4	30	
Bromobenzene	<24		3440	3420		ug/Kg	☼	99	70 - 122	9	30	
Bromochloromethane	<29		3440	3270		ug/Kg	☼	95	65 - 122	4	30	
Bromodichloromethane	<25		3440	2980		ug/Kg	☼	87	69 - 120	6	30	
Bromoform	<33		3440	2830		ug/Kg	☼	82	56 - 132	4	30	
Bromomethane	<54		3440	2910		ug/Kg	☼	85	40 - 152	3	30	
Carbon tetrachloride	<26		3440	2880		ug/Kg	☼	84	59 - 133	3	30	
Chlorobenzene	<26		3440	3270		ug/Kg	☼	95	70 - 120	5	30	
Chloroethane	<34		3440	2580		ug/Kg	☼	75	48 - 136	6	30	
Chloroform	<25		3440	2960		ug/Kg	☼	86	70 - 120	5	30	
Chloromethane	<22		3440	2740		ug/Kg	☼	80	56 - 152	2	30	
2-Chlorotoluene	<21		3440	3260		ug/Kg	☼	95	70 - 125	8	30	
4-Chlorotoluene	<24		3440	3180		ug/Kg	☼	92	68 - 124	7	30	
cis-1,2-Dichloroethene	<28		3440	3290		ug/Kg	☼	96	70 - 125	6	30	
cis-1,3-Dichloropropene	<28		3440	3050		ug/Kg	☼	89	64 - 127	4	30	
Dibromochloromethane	<33		3440	2830		ug/Kg	☼	82	68 - 125	4	30	
1,2-Dibromo-3-Chloropropane	<140		3440	2140		ug/Kg	☼	62	56 - 123	1	30	
1,2-Dibromoethane	<26		3440	3320		ug/Kg	☼	96	70 - 125	3	30	
Dibromomethane	<18		3440	3220		ug/Kg	☼	93	70 - 120	1	30	
1,2-Dichlorobenzene	<23		3440	3180		ug/Kg	☼	92	70 - 125	5	30	
1,3-Dichlorobenzene	<27		3440	3190		ug/Kg	☼	93	70 - 125	6	30	
1,4-Dichlorobenzene	<25		3440	3130		ug/Kg	☼	91	70 - 120	3	30	
Dichlorodifluoromethane	<46		3440	2610		ug/Kg	☼	76	40 - 159	1	30	
1,1-Dichloroethane	<28		3440	3290		ug/Kg	☼	95	70 - 125	4	30	
1,2-Dichloroethane	<27		3440	3060		ug/Kg	☼	89	68 - 127	4	30	
1,1-Dichloroethene	<26		3440	3130		ug/Kg	☼	91	67 - 122	1	30	
1,2-Dichloropropane	<29		3440	3510		ug/Kg	☼	102	67 - 130	3	30	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MSD

Matrix: Solid

Analysis Batch: 598654

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA

Prep Batch: 597325

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,3-Dichloropropane	<25		3440	3280		ug/Kg	*	95	62 - 136	3	30
2,2-Dichloropropane	<30		3440	2920		ug/Kg	*	85	58 - 139	3	30
1,1-Dichloropropene	<20		3440	3080		ug/Kg	*	90	70 - 121	3	30
Ethylbenzene	<12		3440	3190		ug/Kg	*	93	70 - 123	5	30
Hexachlorobutadiene	<30		3440	2930		ug/Kg	*	85	51 - 150	4	30
Isopropylbenzene	<26		3440	3340		ug/Kg	*	97	70 - 126	8	30
Methylene Chloride	<110		3440	3250		ug/Kg	*	94	69 - 125	3	30
Methyl tert-butyl ether	<27		3440	2880		ug/Kg	*	84	55 - 123	3	30
Naphthalene	<23		3440	2830		ug/Kg	*	82	53 - 144	1	30
n-Butylbenzene	<26		3440	2990		ug/Kg	*	87	68 - 125	2	30
N-Propylbenzene	<28		3440	3210		ug/Kg	*	93	69 - 127	7	30
p-Isopropyltoluene	<25		3440	3180		ug/Kg	*	92	70 - 125	6	30
sec-Butylbenzene	<27		3440	3260		ug/Kg	*	95	70 - 123	7	30
Styrene	<26		3440	3290		ug/Kg	*	96	70 - 120	4	30
tert-Butylbenzene	<27		3440	3280		ug/Kg	*	95	70 - 121	9	30
1,1,1,2-Tetrachloroethane	<31		3440	3150		ug/Kg	*	91	70 - 125	4	30
1,1,2,2-Tetrachloroethane	<27		3440	3460		ug/Kg	*	101	62 - 140	7	30
Tetrachloroethene	<25		3440	3130		ug/Kg	*	91	70 - 128	3	30
Toluene	<10		3440	3360		ug/Kg	*	98	70 - 125	6	30
trans-1,2-Dichloroethene	<24		3440	3170		ug/Kg	*	92	70 - 125	4	30
trans-1,3-Dichloropropene	<25		3440	2860		ug/Kg	*	83	62 - 128	5	30
1,2,3-Trichlorobenzene	<31		3440	3170		ug/Kg	*	92	51 - 145	2	30
1,2,4-Trichlorobenzene	<23		3440	2730		ug/Kg	*	79	57 - 137	4	30
1,1,1-Trichloroethane	<26		3440	3020		ug/Kg	*	88	70 - 125	3	30
1,1,2-Trichloroethane	<24		3440	3390		ug/Kg	*	99	71 - 130	3	30
Trichloroethene	<11		3440	3300		ug/Kg	*	96	70 - 125	4	30
Trichlorofluoromethane	<29		3440	2620		ug/Kg	*	76	55 - 128	1	30
1,2,3-Trichloropropane	<28		3440	3750		ug/Kg	*	109	50 - 133	6	30
1,2,4-Trimethylbenzene	<24		3440	3220		ug/Kg	*	94	70 - 123	6	30
1,3,5-Trimethylbenzene	<26		3440	3220		ug/Kg	*	94	70 - 123	8	30
Vinyl chloride	<18		3440	3120		ug/Kg	*	91	64 - 126	0	30
Xylenes, Total	<15		6880	6320		ug/Kg	*	92	70 - 125	5	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	91		75 - 126
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: LB3 500-597326/21-A

Matrix: Solid

Analysis Batch: 598842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 597326

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Bromobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Bromochloromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Bromodichloromethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597326/21-A
Matrix: Solid
Analysis Batch: 598842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597326

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromoform	<24		50	24	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Bromomethane	<40		150	40	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Chlorobenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Chloroethane	<25		50	25	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Chloroform	<19		100	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Chloromethane	<16		50	16	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Dibromochloromethane	<24		50	24	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Dibromomethane	<14		50	14	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Isopropylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Isopropyl ether	<14		50	14	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Methylene Chloride	<82		250	82	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Naphthalene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
n-Butylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
N-Propylbenzene	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Styrene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Tetrachloroethene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Toluene	<7.4		13	7.4	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597326/21-A
Matrix: Solid
Analysis Batch: 598842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597326

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<8.2		25	8.2	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Vinyl chloride	<13		50	13	ug/Kg		05/07/21 00:45	05/14/21 13:02	50
Xylenes, Total	<11		25	11	ug/Kg		05/07/21 00:45	05/14/21 13:02	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124	05/07/21 00:45	05/14/21 13:02	50
Dibromofluoromethane (Surr)	81		75 - 120	05/07/21 00:45	05/14/21 13:02	50
1,2-Dichloroethane-d4 (Surr)	89		75 - 126	05/07/21 00:45	05/14/21 13:02	50
Toluene-d8 (Surr)	94		75 - 120	05/07/21 00:45	05/14/21 13:02	50

Lab Sample ID: LCS 500-597326/22-A
Matrix: Solid
Analysis Batch: 598842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500	2630		ug/Kg		105	70 - 120
Bromobenzene	2500	2260		ug/Kg		90	70 - 122
Bromochloromethane	2500	2580		ug/Kg		103	65 - 122
Bromodichloromethane	2500	2220		ug/Kg		89	69 - 120
Bromoform	2500	1670		ug/Kg		67	56 - 132
Bromomethane	2500	3900	*+	ug/Kg		156	40 - 152
Carbon tetrachloride	2500	2270		ug/Kg		91	59 - 133
Chlorobenzene	2500	2560		ug/Kg		102	70 - 120
Chloroethane	2500	3570	*+	ug/Kg		143	48 - 136
Chloroform	2500	2550		ug/Kg		102	70 - 120
Chloromethane	2500	1870		ug/Kg		75	56 - 152
2-Chlorotoluene	2500	2350		ug/Kg		94	70 - 125
4-Chlorotoluene	2500	2400		ug/Kg		96	68 - 124
cis-1,2-Dichloroethene	2500	2580		ug/Kg		103	70 - 125
cis-1,3-Dichloropropene	2500	2050		ug/Kg		82	64 - 127
Dibromochloromethane	2500	1830		ug/Kg		73	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1410		ug/Kg		56	56 - 123
1,2-Dibromoethane	2500	2280		ug/Kg		91	70 - 125
Dibromomethane	2500	2590		ug/Kg		103	70 - 120
1,2-Dichlorobenzene	2500	2400		ug/Kg		96	70 - 125
1,3-Dichlorobenzene	2500	2430		ug/Kg		97	70 - 125
1,4-Dichlorobenzene	2500	2410		ug/Kg		96	70 - 120
Dichlorodifluoromethane	2500	1450		ug/Kg		58	40 - 159
1,1-Dichloroethane	2500	2390		ug/Kg		96	70 - 125
1,2-Dichloroethane	2500	2660		ug/Kg		106	68 - 127
1,1-Dichloroethene	2500	2240		ug/Kg		90	67 - 122
1,2-Dichloropropane	2500	2570		ug/Kg		103	67 - 130
1,3-Dichloropropane	2500	2400		ug/Kg		96	62 - 136
2,2-Dichloropropane	2500	2540		ug/Kg		101	58 - 139

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-597326/22-A
Matrix: Solid
Analysis Batch: 598842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	2500	2430		ug/Kg		97	70 - 121
Ethylbenzene	2500	2650		ug/Kg		106	70 - 123
Hexachlorobutadiene	2500	2710		ug/Kg		108	51 - 150
Isopropylbenzene	2500	2370		ug/Kg		95	70 - 126
Methylene Chloride	2500	2460		ug/Kg		98	69 - 125
Methyl tert-butyl ether	2500	2650		ug/Kg		106	55 - 123
Naphthalene	2500	2070		ug/Kg		83	53 - 144
n-Butylbenzene	2500	2480		ug/Kg		99	68 - 125
N-Propylbenzene	2500	2420		ug/Kg		97	69 - 127
p-Isopropyltoluene	2500	2530		ug/Kg		101	70 - 125
sec-Butylbenzene	2500	2510		ug/Kg		100	70 - 123
Styrene	2500	2540		ug/Kg		102	70 - 120
tert-Butylbenzene	2500	2460		ug/Kg		98	70 - 121
1,1,1,2-Tetrachloroethane	2500	2320		ug/Kg		93	70 - 125
1,1,2,2-Tetrachloroethane	2500	1990		ug/Kg		79	62 - 140
Tetrachloroethene	2500	2550		ug/Kg		102	70 - 128
Toluene	2500	2510		ug/Kg		100	70 - 125
trans-1,2-Dichloroethene	2500	2480		ug/Kg		99	70 - 125
trans-1,3-Dichloropropene	2500	1960		ug/Kg		78	62 - 128
1,2,3-Trichlorobenzene	2500	2220		ug/Kg		89	51 - 145
1,2,4-Trichlorobenzene	2500	2100		ug/Kg		84	57 - 137
1,1,1-Trichloroethane	2500	2510		ug/Kg		100	70 - 125
1,1,2-Trichloroethane	2500	2370		ug/Kg		95	71 - 130
Trichloroethene	2500	2600		ug/Kg		104	70 - 125
Trichlorofluoromethane	2500	2210		ug/Kg		89	55 - 128
1,2,3-Trichloropropane	2500	2100		ug/Kg		84	50 - 133
1,2,4-Trimethylbenzene	2500	2420		ug/Kg		97	70 - 123
1,3,5-Trimethylbenzene	2500	2410		ug/Kg		96	70 - 123
Vinyl chloride	2500	2190		ug/Kg		88	64 - 126
Xylenes, Total	5000	5440		ug/Kg		109	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-198702-18 MS
Matrix: Solid
Analysis Batch: 599078

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 597326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<11		3600	3520		ug/Kg	⊛	98	70 - 120
Bromobenzene	<27		3600	2960		ug/Kg	⊛	82	70 - 122
Bromochloromethane	<33		3600	3480		ug/Kg	⊛	97	65 - 122
Bromodichloromethane	<28		3600	3000		ug/Kg	⊛	83	69 - 120
Bromoform	<37		3600	2360		ug/Kg	⊛	65	56 - 132
Bromomethane	<61	*+ F1	3600	5710	F1	ug/Kg	⊛	158	40 - 152

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-18 MS

Matrix: Solid

Analysis Batch: 599078

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA

Prep Batch: 597326

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Carbon tetrachloride	<29		3600	3010		ug/Kg	☼	84	59 - 133
Chlorobenzene	<30		3600	3460		ug/Kg	☼	96	70 - 120
Chloroethane	<39	*+ F1	3600	5030	F1	ug/Kg	☼	140	48 - 136
Chloroform	<28		3600	3350		ug/Kg	☼	93	70 - 120
Chloromethane	<24		3600	3210		ug/Kg	☼	89	56 - 152
2-Chlorotoluene	<24		3600	3140		ug/Kg	☼	87	70 - 125
4-Chlorotoluene	<27		3600	3180		ug/Kg	☼	88	68 - 124
cis-1,2-Dichloroethene	<31		3600	3420		ug/Kg	☼	95	70 - 125
cis-1,3-Dichloropropene	<32		3600	2850		ug/Kg	☼	79	64 - 127
Dibromochloromethane	<37	*- F1	3600	2540		ug/Kg	☼	70	68 - 125
1,2-Dibromo-3-Chloropropane	<150	*- F1	3600	2030		ug/Kg	☼	56	56 - 123
1,2-Dibromoethane	<30		3600	3120		ug/Kg	☼	87	70 - 125
Dibromomethane	<21		3600	3490		ug/Kg	☼	97	70 - 120
1,2-Dichlorobenzene	<26		3600	3200		ug/Kg	☼	89	70 - 125
1,3-Dichlorobenzene	<31		3600	3220		ug/Kg	☼	89	70 - 125
1,4-Dichlorobenzene	<28		3600	3250		ug/Kg	☼	90	70 - 120
Dichlorodifluoromethane	<52		3600	3340		ug/Kg	☼	93	40 - 159
1,1-Dichloroethane	<31		3600	3180		ug/Kg	☼	88	70 - 125
1,2-Dichloroethane	<30		3600	3600		ug/Kg	☼	100	68 - 127
1,1-Dichloroethene	<30		3600	3220		ug/Kg	☼	89	67 - 122
1,2-Dichloropropane	<33		3600	3430		ug/Kg	☼	95	67 - 130
1,3-Dichloropropane	<28		3600	3330		ug/Kg	☼	93	62 - 136
2,2-Dichloropropane	<34		3600	3450		ug/Kg	☼	96	58 - 139
1,1-Dichloropropene	<23		3600	3330		ug/Kg	☼	92	70 - 121
Ethylbenzene	<14		3600	3570		ug/Kg	☼	99	70 - 123
Hexachlorobutadiene	<34		3600	3560		ug/Kg	☼	99	51 - 150
Isopropylbenzene	<29		3600	3100		ug/Kg	☼	86	70 - 126
Methylene Chloride	<120		3600	3330		ug/Kg	☼	92	69 - 125
Methyl tert-butyl ether	<30		3600	3640		ug/Kg	☼	101	55 - 123
Naphthalene	<26		3600	2960		ug/Kg	☼	82	53 - 144
n-Butylbenzene	<30		3600	3290		ug/Kg	☼	91	68 - 125
N-Propylbenzene	<32		3600	3210		ug/Kg	☼	89	69 - 127
p-Isopropyltoluene	<28		3600	3320		ug/Kg	☼	92	70 - 125
sec-Butylbenzene	<30		3600	3240		ug/Kg	☼	90	70 - 123
Styrene	<30		3600	3460		ug/Kg	☼	96	70 - 120
tert-Butylbenzene	<30		3600	3170		ug/Kg	☼	88	70 - 121
1,1,1,2-Tetrachloroethane	<35		3600	3100		ug/Kg	☼	86	70 - 125
1,1,1,2,2-Tetrachloroethane	<30		3600	2680		ug/Kg	☼	75	62 - 140
Tetrachloroethene	<28		3600	3500		ug/Kg	☼	97	70 - 128
Toluene	<11		3600	3410		ug/Kg	☼	95	70 - 125
trans-1,2-Dichloroethene	<27		3600	3380		ug/Kg	☼	94	70 - 125
trans-1,3-Dichloropropene	<28		3600	2720		ug/Kg	☼	76	62 - 128
1,2,3-Trichlorobenzene	<35		3600	3090		ug/Kg	☼	86	51 - 145
1,2,4-Trichlorobenzene	<26		3600	2900		ug/Kg	☼	81	57 - 137
1,1,1-Trichloroethane	<29		3600	3380		ug/Kg	☼	94	70 - 125
1,1,2-Trichloroethane	<27		3600	3290		ug/Kg	☼	91	71 - 130
Trichloroethene	39		3600	3460		ug/Kg	☼	95	70 - 125
Trichlorofluoromethane	<33		3600	3120		ug/Kg	☼	87	55 - 128
1,2,3-Trichloropropane	<32		3600	2840		ug/Kg	☼	79	50 - 133

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-18 MS

Matrix: Solid

Analysis Batch: 599078

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA

Prep Batch: 597326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	<27		3600	3190		ug/Kg	☼	88	70 - 123
1,3,5-Trimethylbenzene	<29		3600	3180		ug/Kg	☼	88	70 - 123
Vinyl chloride	<20		3600	3550		ug/Kg	☼	99	64 - 126
Xylenes, Total	<17		7200	7380		ug/Kg	☼	102	70 - 125

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: 500-198702-18 MSD

Matrix: Solid

Analysis Batch: 599078

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA

Prep Batch: 597326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<11		3930	3690		ug/Kg	☼	94	70 - 120	5	30
Bromobenzene	<27		3930	3060		ug/Kg	☼	78	70 - 122	3	30
Bromochloromethane	<33		3930	3710		ug/Kg	☼	94	65 - 122	6	30
Bromodichloromethane	<28		3930	3180		ug/Kg	☼	81	69 - 120	6	30
Bromoform	<37		3930	2380		ug/Kg	☼	61	56 - 132	1	30
Bromomethane	<61	*+ F1	3930	5910		ug/Kg	☼	151	40 - 152	4	30
Carbon tetrachloride	<29		3930	3180		ug/Kg	☼	81	59 - 133	6	30
Chlorobenzene	<30		3930	3570		ug/Kg	☼	91	70 - 120	3	30
Chloroethane	<39	*+ F1	3930	5320		ug/Kg	☼	136	48 - 136	6	30
Chloroform	<28		3930	3560		ug/Kg	☼	91	70 - 120	6	30
Chloromethane	<24		3930	3320		ug/Kg	☼	85	56 - 152	3	30
2-Chlorotoluene	<24		3930	3250		ug/Kg	☼	83	70 - 125	4	30
4-Chlorotoluene	<27		3930	3330		ug/Kg	☼	85	68 - 124	5	30
cis-1,2-Dichloroethene	<31		3930	3650		ug/Kg	☼	93	70 - 125	7	30
cis-1,3-Dichloropropene	<32		3930	2970		ug/Kg	☼	76	64 - 127	4	30
Dibromochloromethane	<37	*- F1	3930	2620	F1	ug/Kg	☼	67	68 - 125	3	30
1,2-Dibromo-3-Chloropropane	<150	*- F1	3930	2100	F1	ug/Kg	☼	54	56 - 123	3	30
1,2-Dibromoethane	<30		3930	3200		ug/Kg	☼	82	70 - 125	2	30
Dibromomethane	<21		3930	3730		ug/Kg	☼	95	70 - 120	7	30
1,2-Dichlorobenzene	<26		3930	3320		ug/Kg	☼	85	70 - 125	4	30
1,3-Dichlorobenzene	<31		3930	3370		ug/Kg	☼	86	70 - 125	4	30
1,4-Dichlorobenzene	<28		3930	3390		ug/Kg	☼	86	70 - 120	4	30
Dichlorodifluoromethane	<52		3930	3440		ug/Kg	☼	88	40 - 159	3	30
1,1-Dichloroethane	<31		3930	3360		ug/Kg	☼	86	70 - 125	5	30
1,2-Dichloroethane	<30		3930	3760		ug/Kg	☼	96	68 - 127	4	30
1,1-Dichloroethene	<30		3930	3400		ug/Kg	☼	86	67 - 122	5	30
1,2-Dichloropropane	<33		3930	3590		ug/Kg	☼	91	67 - 130	5	30
1,3-Dichloropropane	<28		3930	3360		ug/Kg	☼	86	62 - 136	1	30
2,2-Dichloropropane	<34		3930	3760		ug/Kg	☼	96	58 - 139	9	30
1,1-Dichloropropene	<23		3930	3490		ug/Kg	☼	89	70 - 121	5	30
Ethylbenzene	<14		3930	3720		ug/Kg	☼	95	70 - 123	4	30
Hexachlorobutadiene	<34		3930	3760		ug/Kg	☼	96	51 - 150	5	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-18 MSD
Matrix: Solid
Analysis Batch: 599078

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 597326

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Isopropylbenzene	<29		3930	3210		ug/Kg	*	82	70 - 126	3	30
Methylene Chloride	<120		3930	3500		ug/Kg	*	89	69 - 125	5	30
Methyl tert-butyl ether	<30		3930	3900		ug/Kg	*	99	55 - 123	7	30
Naphthalene	<26		3930	3160		ug/Kg	*	80	53 - 144	6	30
n-Butylbenzene	<30		3930	3490		ug/Kg	*	89	68 - 125	6	30
N-Propylbenzene	<32		3930	3350		ug/Kg	*	85	69 - 127	4	30
p-Isopropyltoluene	<28		3930	3490		ug/Kg	*	89	70 - 125	5	30
sec-Butylbenzene	<30		3930	3380		ug/Kg	*	86	70 - 123	4	30
Styrene	<30		3930	3580		ug/Kg	*	91	70 - 120	3	30
tert-Butylbenzene	<30		3930	3260		ug/Kg	*	83	70 - 121	3	30
1,1,1,2-Tetrachloroethane	<35		3930	3250		ug/Kg	*	83	70 - 125	5	30
1,1,2,2-Tetrachloroethane	<30		3930	2740		ug/Kg	*	70	62 - 140	2	30
Tetrachloroethene	<28		3930	3600		ug/Kg	*	92	70 - 128	3	30
Toluene	<11		3930	3560		ug/Kg	*	91	70 - 125	5	30
trans-1,2-Dichloroethene	<27		3930	3570		ug/Kg	*	91	70 - 125	5	30
trans-1,3-Dichloropropene	<28		3930	2840		ug/Kg	*	72	62 - 128	4	30
1,2,3-Trichlorobenzene	<35		3930	3300		ug/Kg	*	84	51 - 145	6	30
1,2,4-Trichlorobenzene	<26		3930	3110		ug/Kg	*	79	57 - 137	7	30
1,1,1-Trichloroethane	<29		3930	3560		ug/Kg	*	91	70 - 125	5	30
1,1,2-Trichloroethane	<27		3930	3380		ug/Kg	*	86	71 - 130	3	30
Trichloroethene	39		3930	3670		ug/Kg	*	92	70 - 125	6	30
Trichlorofluoromethane	<33		3930	3270		ug/Kg	*	83	55 - 128	5	30
1,2,3-Trichloropropane	<32		3930	2810		ug/Kg	*	72	50 - 133	1	30
1,2,4-Trimethylbenzene	<27		3930	3360		ug/Kg	*	86	70 - 123	5	30
1,3,5-Trimethylbenzene	<29		3930	3320		ug/Kg	*	85	70 - 123	4	30
Vinyl chloride	<20		3930	3700		ug/Kg	*	94	64 - 126	4	30
Xylenes, Total	<17		7850	7710		ug/Kg	*	98	70 - 125	4	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
1,2-Dichloroethane-d4 (Surr)	98		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: LB3 500-597327/9-A
Matrix: Solid
Analysis Batch: 599178

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597327

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Bromobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Bromochloromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Bromodichloromethane	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Bromoform	<24		50	24	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Bromomethane	<40		150	40	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Chlorobenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Chloroethane	<25		50	25	ug/Kg		05/07/21 00:45	05/17/21 11:20	50

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597327/9-A
Matrix: Solid
Analysis Batch: 599178

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597327

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloroform	<19		100	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Chloromethane	<16		50	16	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Dibromochloromethane	<24		50	24	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Dibromomethane	<14		50	14	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Isopropylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Isopropyl ether	<14		50	14	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Methylene Chloride	<82		250	82	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Naphthalene	<17		50	17	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
n-Butylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
N-Propylbenzene	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Styrene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Tetrachloroethene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Toluene	<7.4		13	7.4	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/07/21 00:45	05/17/21 11:20	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LB3 500-597327/9-A
Matrix: Solid
Analysis Batch: 599178

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597327

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<13		50	13	ug/Kg		05/07/21 00:45	05/17/21 11:20	50
Xylenes, Total	<11		25	11	ug/Kg		05/07/21 00:45	05/17/21 11:20	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124	05/07/21 00:45	05/17/21 11:20	50
Dibromofluoromethane (Surr)	82		75 - 120	05/07/21 00:45	05/17/21 11:20	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126	05/07/21 00:45	05/17/21 11:20	50
Toluene-d8 (Surr)	95		75 - 120	05/07/21 00:45	05/17/21 11:20	50

Lab Sample ID: LCS 500-597327/10-A
Matrix: Solid
Analysis Batch: 599178

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2460		ug/Kg		98	70 - 120
Bromobenzene	2500	2050		ug/Kg		82	70 - 122
Bromochloromethane	2500	2510		ug/Kg		101	65 - 122
Bromodichloromethane	2500	2190		ug/Kg		87	69 - 120
Bromoform	2500	1760		ug/Kg		70	56 - 132
Bromomethane	2500	3570		ug/Kg		143	40 - 152
Carbon tetrachloride	2500	2070		ug/Kg		83	59 - 133
Chlorobenzene	2500	2380		ug/Kg		95	70 - 120
Chloroethane	2500	3510	*+	ug/Kg		140	48 - 136
Chloroform	2500	2350		ug/Kg		94	70 - 120
Chloromethane	2500	1740		ug/Kg		69	56 - 152
2-Chlorotoluene	2500	2090		ug/Kg		84	70 - 125
4-Chlorotoluene	2500	2120		ug/Kg		85	68 - 124
cis-1,2-Dichloroethene	2500	2370		ug/Kg		95	70 - 125
cis-1,3-Dichloropropene	2500	2010		ug/Kg		81	64 - 127
Dibromochloromethane	2500	1860		ug/Kg		75	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1510		ug/Kg		60	56 - 123
1,2-Dibromoethane	2500	2290		ug/Kg		91	70 - 125
Dibromomethane	2500	2580		ug/Kg		103	70 - 120
1,2-Dichlorobenzene	2500	2190		ug/Kg		88	70 - 125
1,3-Dichlorobenzene	2500	2210		ug/Kg		88	70 - 125
1,4-Dichlorobenzene	2500	2220		ug/Kg		89	70 - 120
Dichlorodifluoromethane	2500	1290		ug/Kg		52	40 - 159
1,1-Dichloroethane	2500	2200		ug/Kg		88	70 - 125
1,2-Dichloroethane	2500	2650		ug/Kg		106	68 - 127
1,1-Dichloroethene	2500	2220		ug/Kg		89	67 - 122
1,2-Dichloropropane	2500	2440		ug/Kg		98	67 - 130
1,3-Dichloropropane	2500	2400		ug/Kg		96	62 - 136
2,2-Dichloropropane	2500	2050		ug/Kg		82	58 - 139
1,1-Dichloropropene	2500	2320		ug/Kg		93	70 - 121
Ethylbenzene	2500	2440		ug/Kg		98	70 - 123
Hexachlorobutadiene	2500	2410		ug/Kg		96	51 - 150
Isopropylbenzene	2500	2050		ug/Kg		82	70 - 126
Methylene Chloride	2500	2380		ug/Kg		95	69 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-597327/10-A
Matrix: Solid
Analysis Batch: 599178

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	2500	2680		ug/Kg		107	55 - 123
Naphthalene	2500	2190		ug/Kg		87	53 - 144
n-Butylbenzene	2500	2200		ug/Kg		88	68 - 125
N-Propylbenzene	2500	2080		ug/Kg		83	69 - 127
p-Isopropyltoluene	2500	2230		ug/Kg		89	70 - 125
sec-Butylbenzene	2500	2150		ug/Kg		86	70 - 123
Styrene	2500	2420		ug/Kg		97	70 - 120
tert-Butylbenzene	2500	2110		ug/Kg		84	70 - 121
1,1,1,2-Tetrachloroethane	2500	2200		ug/Kg		88	70 - 125
1,1,2,2-Tetrachloroethane	2500	1990		ug/Kg		80	62 - 140
Tetrachloroethene	2500	2430		ug/Kg		97	70 - 128
Toluene	2500	2340		ug/Kg		94	70 - 125
trans-1,2-Dichloroethene	2500	2290		ug/Kg		92	70 - 125
trans-1,3-Dichloropropene	2500	1960		ug/Kg		78	62 - 128
1,2,3-Trichlorobenzene	2500	2270		ug/Kg		91	51 - 145
1,2,4-Trichlorobenzene	2500	2090		ug/Kg		84	57 - 137
1,1,1-Trichloroethane	2500	2310		ug/Kg		92	70 - 125
1,1,2-Trichloroethane	2500	2410		ug/Kg		96	71 - 130
Trichloroethene	2500	2410		ug/Kg		96	70 - 125
Trichlorofluoromethane	2500	2030		ug/Kg		81	55 - 128
1,2,3-Trichloropropane	2500	2070		ug/Kg		83	50 - 133
1,2,4-Trimethylbenzene	2500	2140		ug/Kg		85	70 - 123
1,3,5-Trimethylbenzene	2500	2120		ug/Kg		85	70 - 123
Vinyl chloride	2500	2010		ug/Kg		80	64 - 126
Xylenes, Total	5000	5000		ug/Kg		100	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
1,2-Dichloroethane-d4 (Surr)	101		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 597569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<10		3460	3440		ug/Kg	☼	100	70 - 120
Bromobenzene	<25		3460	3460		ug/Kg	☼	100	70 - 122
Bromochloromethane	<30		3460	3390		ug/Kg	☼	98	65 - 122
Bromodichloromethane	<26		3460	3020		ug/Kg	☼	87	69 - 120
Bromoform	<33		3460	2920		ug/Kg	☼	85	56 - 132
Bromomethane	<55		3460	2940		ug/Kg	☼	85	40 - 152
Carbon tetrachloride	<27		3460	3030		ug/Kg	☼	88	59 - 133
Chlorobenzene	<27		3460	3420		ug/Kg	☼	99	70 - 120
Chloroethane	<35		3460	2480		ug/Kg	☼	72	48 - 136
Chloroform	<26		3460	3080		ug/Kg	☼	89	70 - 120
Chloromethane	<22		3460	2880		ug/Kg	☼	83	56 - 152

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-4 MS

Matrix: Solid

Analysis Batch: 598654

Client Sample ID: SB-222 (2-4)

Prep Type: Total/NA

Prep Batch: 597569

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Chlorotoluene	<22		3460	3370		ug/Kg	☼	98	70 - 125
4-Chlorotoluene	<24		3460	3320		ug/Kg	☼	96	68 - 124
cis-1,2-Dichloroethene	<28		3460	3420		ug/Kg	☼	99	70 - 125
cis-1,3-Dichloropropene	<29		3460	3150		ug/Kg	☼	91	64 - 127
Dibromochloromethane	<34		3460	3000		ug/Kg	☼	87	68 - 125
1,2-Dibromo-3-Chloropropane	<140		3460	2400		ug/Kg	☼	69	56 - 123
1,2-Dibromoethane	<27		3460	3530		ug/Kg	☼	102	70 - 125
Dibromomethane	<19		3460	3400		ug/Kg	☼	98	70 - 120
1,2-Dichlorobenzene	<23		3460	3330		ug/Kg	☼	96	70 - 125
1,3-Dichlorobenzene	<28		3460	3340		ug/Kg	☼	97	70 - 125
1,4-Dichlorobenzene	<25		3460	3310		ug/Kg	☼	96	70 - 120
Dichlorodifluoromethane	<47		3460	2710		ug/Kg	☼	79	40 - 159
1,1-Dichloroethane	<28		3460	3460		ug/Kg	☼	100	70 - 125
1,2-Dichloroethane	<27		3460	3140		ug/Kg	☼	91	68 - 127
1,1-Dichloroethene	<27		3460	3290		ug/Kg	☼	95	67 - 122
1,2-Dichloropropane	<30		3460	3660		ug/Kg	☼	106	67 - 130
1,3-Dichloropropane	<25		3460	3400		ug/Kg	☼	98	62 - 136
2,2-Dichloropropane	<31		3460	3130		ug/Kg	☼	91	58 - 139
1,1-Dichloropropene	<21		3460	3240		ug/Kg	☼	94	70 - 121
Ethylbenzene	<13		3460	3380		ug/Kg	☼	98	70 - 123
Hexachlorobutadiene	<31		3460	3180		ug/Kg	☼	92	51 - 150
Isopropylbenzene	<27		3460	3420		ug/Kg	☼	99	70 - 126
Methylene Chloride	<110		3460	3380		ug/Kg	☼	98	69 - 125
Methyl tert-butyl ether	<27		3460	2960		ug/Kg	☼	86	55 - 123
Naphthalene	<23		3460	3110		ug/Kg	☼	90	53 - 144
n-Butylbenzene	<27		3460	3200		ug/Kg	☼	92	68 - 125
N-Propylbenzene	<29		3460	3330		ug/Kg	☼	96	69 - 127
p-Isopropyltoluene	<25		3460	3310		ug/Kg	☼	96	70 - 125
sec-Butylbenzene	<28		3460	3350		ug/Kg	☼	97	70 - 123
Styrene	<27		3460	3450		ug/Kg	☼	100	70 - 120
tert-Butylbenzene	<28		3460	3340		ug/Kg	☼	97	70 - 121
1,1,1,2-Tetrachloroethane	<32		3460	3320		ug/Kg	☼	96	70 - 125
1,1,1,2,2-Tetrachloroethane	<28		3460	3510		ug/Kg	☼	102	62 - 140
Tetrachloroethene	<26		3460	3320		ug/Kg	☼	96	70 - 128
Toluene	<10		3460	3520		ug/Kg	☼	102	70 - 125
trans-1,2-Dichloroethene	<24		3460	3300		ug/Kg	☼	95	70 - 125
trans-1,3-Dichloropropene	<25		3460	2960		ug/Kg	☼	86	62 - 128
1,2,3-Trichlorobenzene	<32		3460	3560		ug/Kg	☼	103	51 - 145
1,2,4-Trichlorobenzene	<24		3460	3110		ug/Kg	☼	90	57 - 137
1,1,1-Trichloroethane	<26		3460	3160		ug/Kg	☼	91	70 - 125
1,1,2-Trichloroethane	<24		3460	3490		ug/Kg	☼	101	71 - 130
Trichloroethene	<11		3460	3470		ug/Kg	☼	100	70 - 125
Trichlorofluoromethane	<30		3460	2720		ug/Kg	☼	79	55 - 128
1,2,3-Trichloropropane	<29		3460	3500		ug/Kg	☼	101	50 - 133
1,2,4-Trimethylbenzene	<25		3460	3350		ug/Kg	☼	97	70 - 123
1,3,5-Trimethylbenzene	<26		3460	3330		ug/Kg	☼	96	70 - 123
Vinyl chloride	<18		3460	3250		ug/Kg	☼	94	64 - 126
Xylenes, Total	<15		6910	6670		ug/Kg	☼	96	70 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 597569

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	93		75 - 126
Toluene-d8 (Surr)	99		75 - 120
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120

Lab Sample ID: 500-198702-4 MSD
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 597569

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>		<i>RPD</i>	
				<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>RPD</i>	<i>Limit</i>	
Benzene	<10		3460	3510		ug/Kg	☼	101	70 - 120	2	30	
Bromobenzene	<25		3460	3560		ug/Kg	☼	103	70 - 122	3	30	
Bromochloromethane	<30		3460	3550		ug/Kg	☼	103	65 - 122	5	30	
Bromodichloromethane	<26		3460	3140		ug/Kg	☼	91	69 - 120	4	30	
Bromoform	<33		3460	3020		ug/Kg	☼	87	56 - 132	3	30	
Bromomethane	<55		3460	3090		ug/Kg	☼	89	40 - 152	5	30	
Carbon tetrachloride	<27		3460	3080		ug/Kg	☼	89	59 - 133	2	30	
Chlorobenzene	<27		3460	3410		ug/Kg	☼	99	70 - 120	0	30	
Chloroethane	<35		3460	2590		ug/Kg	☼	75	48 - 136	4	30	
Chloroform	<26		3460	3130		ug/Kg	☼	91	70 - 120	2	30	
Chloromethane	<22		3460	2970		ug/Kg	☼	86	56 - 152	3	30	
2-Chlorotoluene	<22		3460	3410		ug/Kg	☼	99	70 - 125	1	30	
4-Chlorotoluene	<24		3460	3330		ug/Kg	☼	96	68 - 124	1	30	
cis-1,2-Dichloroethene	<28		3460	3440		ug/Kg	☼	100	70 - 125	1	30	
cis-1,3-Dichloropropene	<29		3460	3160		ug/Kg	☼	92	64 - 127	1	30	
Dibromochloromethane	<34		3460	3080		ug/Kg	☼	89	68 - 125	3	30	
1,2-Dibromo-3-Chloropropane	<140		3460	2270		ug/Kg	☼	66	56 - 123	5	30	
1,2-Dibromoethane	<27		3460	3610		ug/Kg	☼	104	70 - 125	2	30	
Dibromomethane	<19		3460	3510		ug/Kg	☼	101	70 - 120	3	30	
1,2-Dichlorobenzene	<23		3460	3360		ug/Kg	☼	97	70 - 125	1	30	
1,3-Dichlorobenzene	<28		3460	3380		ug/Kg	☼	98	70 - 125	1	30	
1,4-Dichlorobenzene	<25		3460	3350		ug/Kg	☼	97	70 - 120	1	30	
Dichlorodifluoromethane	<47		3460	2840		ug/Kg	☼	82	40 - 159	5	30	
1,1-Dichloroethane	<28		3460	3520		ug/Kg	☼	102	70 - 125	2	30	
1,2-Dichloroethane	<27		3460	3250		ug/Kg	☼	94	68 - 127	3	30	
1,1-Dichloroethene	<27		3460	3360		ug/Kg	☼	97	67 - 122	2	30	
1,2-Dichloropropane	<30		3460	3740		ug/Kg	☼	108	67 - 130	2	30	
1,3-Dichloropropane	<25		3460	3450		ug/Kg	☼	100	62 - 136	2	30	
2,2-Dichloropropane	<31		3460	3140		ug/Kg	☼	91	58 - 139	0	30	
1,1-Dichloropropene	<21		3460	3300		ug/Kg	☼	96	70 - 121	2	30	
Ethylbenzene	<13		3460	3360		ug/Kg	☼	97	70 - 123	0	30	
Hexachlorobutadiene	<31		3460	3170		ug/Kg	☼	92	51 - 150	0	30	
Isopropylbenzene	<27		3460	3440		ug/Kg	☼	99	70 - 126	1	30	
Methylene Chloride	<110		3460	3460		ug/Kg	☼	100	69 - 125	2	30	
Methyl tert-butyl ether	<27		3460	3130		ug/Kg	☼	91	55 - 123	6	30	
Naphthalene	<23		3460	3120		ug/Kg	☼	90	53 - 144	0	30	
n-Butylbenzene	<27		3460	3270		ug/Kg	☼	94	68 - 125	2	30	
N-Propylbenzene	<29		3460	3370		ug/Kg	☼	97	69 - 127	1	30	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-4 MSD
Matrix: Solid
Analysis Batch: 598654

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 597569

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
p-Isopropyltoluene	<25		3460	3340		ug/Kg	☼	97	70 - 125	1	30
sec-Butylbenzene	<28		3460	3380		ug/Kg	☼	98	70 - 123	1	30
Styrene	<27		3460	3480		ug/Kg	☼	101	70 - 120	1	30
tert-Butylbenzene	<28		3460	3400		ug/Kg	☼	98	70 - 121	2	30
1,1,1,2-Tetrachloroethane	<32		3460	3350		ug/Kg	☼	97	70 - 125	1	30
1,1,1,2-Tetrachloroethane	<28		3460	3710		ug/Kg	☼	107	62 - 140	6	30
Tetrachloroethene	<26		3460	3290		ug/Kg	☼	95	70 - 128	1	30
Toluene	<10		3460	3460		ug/Kg	☼	100	70 - 125	2	30
trans-1,2-Dichloroethene	<24		3460	3390		ug/Kg	☼	98	70 - 125	3	30
trans-1,3-Dichloropropene	<25		3460	3050		ug/Kg	☼	88	62 - 128	3	30
1,2,3-Trichlorobenzene	<32		3460	3580		ug/Kg	☼	104	51 - 145	1	30
1,2,4-Trichlorobenzene	<24		3460	3140		ug/Kg	☼	91	57 - 137	1	30
1,1,1-Trichloroethane	<26		3460	3230		ug/Kg	☼	93	70 - 125	2	30
1,1,2-Trichloroethane	<24		3460	3590		ug/Kg	☼	104	71 - 130	3	30
Trichloroethene	<11		3460	3500		ug/Kg	☼	101	70 - 125	1	30
Trichlorofluoromethane	<30		3460	2840		ug/Kg	☼	82	55 - 128	4	30
1,2,3-Trichloropropane	<29		3460	3710		ug/Kg	☼	107	50 - 133	6	30
1,2,4-Trimethylbenzene	<25		3460	3370		ug/Kg	☼	97	70 - 123	1	30
1,3,5-Trimethylbenzene	<26		3460	3360		ug/Kg	☼	97	70 - 123	1	30
Vinyl chloride	<18		3460	3390		ug/Kg	☼	98	64 - 126	4	30
Xylenes, Total	<15		6910	6660		ug/Kg	☼	96	70 - 125	0	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
Toluene-d8 (Surr)	98		75 - 120
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120

Lab Sample ID: MB 500-598654/6
Matrix: Solid
Analysis Batch: 598654

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		0.25	0.15	ug/Kg			05/13/21 23:55	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/13/21 23:55	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/13/21 23:55	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/13/21 23:55	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/13/21 23:55	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/13/21 23:55	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/13/21 23:55	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/13/21 23:55	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/13/21 23:55	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/13/21 23:55	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/13/21 23:55	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/13/21 23:55	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/13/21 23:55	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598654/6
Matrix: Solid
Analysis Batch: 598654

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/13/21 23:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/13/21 23:55	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/13/21 23:55	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/13/21 23:55	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/13/21 23:55	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/13/21 23:55	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/13/21 23:55	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/13/21 23:55	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/13/21 23:55	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/13/21 23:55	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/13/21 23:55	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/13/21 23:55	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/13/21 23:55	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/13/21 23:55	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/13/21 23:55	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/13/21 23:55	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/13/21 23:55	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/13/21 23:55	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/13/21 23:55	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/13/21 23:55	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/13/21 23:55	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/13/21 23:55	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/13/21 23:55	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/13/21 23:55	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/13/21 23:55	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/13/21 23:55	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/13/21 23:55	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/13/21 23:55	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/13/21 23:55	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/13/21 23:55	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/13/21 23:55	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/13/21 23:55	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/13/21 23:55	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/13/21 23:55	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/13/21 23:55	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/13/21 23:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124		05/13/21 23:55	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598654/6
Matrix: Solid
Analysis Batch: 598654

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane (Surr)	92		75 - 120		05/13/21 23:55	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		05/13/21 23:55	1
Toluene-d8 (Surr)	101		75 - 120		05/13/21 23:55	1

Lab Sample ID: LCS 500-598654/4
Matrix: Solid
Analysis Batch: 598654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Benzene	50.0	49.2		ug/Kg		98	70 - 120
Bromobenzene	50.0	50.4		ug/Kg		101	70 - 122
Bromochloromethane	50.0	48.8		ug/Kg		98	65 - 122
Bromodichloromethane	50.0	45.2		ug/Kg		90	69 - 120
Bromoform	50.0	44.4		ug/Kg		89	56 - 132
Bromomethane	50.0	48.4		ug/Kg		97	40 - 152
Carbon tetrachloride	50.0	44.3		ug/Kg		89	59 - 133
Chlorobenzene	50.0	48.6		ug/Kg		97	70 - 120
Chloroethane	50.0	45.6		ug/Kg		91	48 - 136
Chloroform	50.0	45.0		ug/Kg		90	70 - 120
Chloromethane	50.0	39.2		ug/Kg		78	56 - 152
2-Chlorotoluene	50.0	48.3		ug/Kg		97	70 - 125
4-Chlorotoluene	50.0	47.7		ug/Kg		95	68 - 124
cis-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	70 - 125
cis-1,3-Dichloropropene	50.0	46.0		ug/Kg		92	64 - 127
Dibromochloromethane	50.0	45.0		ug/Kg		90	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	34.6		ug/Kg		69	56 - 123
1,2-Dibromoethane	50.0	51.0		ug/Kg		102	70 - 125
Dibromomethane	50.0	48.8		ug/Kg		98	70 - 120
1,2-Dichlorobenzene	50.0	47.0		ug/Kg		94	70 - 125
1,3-Dichlorobenzene	50.0	47.7		ug/Kg		95	70 - 125
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	70 - 120
Dichlorodifluoromethane	50.0	36.1		ug/Kg		72	40 - 159
1,1-Dichloroethane	50.0	50.3		ug/Kg		101	70 - 125
1,2-Dichloroethane	50.0	45.3		ug/Kg		91	68 - 127
1,1-Dichloroethene	50.0	47.7		ug/Kg		95	67 - 122
1,2-Dichloropropane	50.0	52.3		ug/Kg		105	67 - 130
1,3-Dichloropropane	50.0	49.5		ug/Kg		99	62 - 136
2,2-Dichloropropane	50.0	43.6		ug/Kg		87	58 - 139
1,1-Dichloropropene	50.0	46.6		ug/Kg		93	70 - 121
Ethylbenzene	50.0	47.8		ug/Kg		96	70 - 123
Hexachlorobutadiene	50.0	44.3		ug/Kg		89	51 - 150
Isopropylbenzene	50.0	50.2		ug/Kg		100	70 - 126
Methylene Chloride	50.0	49.3		ug/Kg		99	69 - 125
Methyl tert-butyl ether	50.0	42.4		ug/Kg		85	55 - 123
Naphthalene	50.0	40.9		ug/Kg		82	53 - 144
n-Butylbenzene	50.0	45.7		ug/Kg		91	68 - 125
N-Propylbenzene	50.0	48.6		ug/Kg		97	69 - 127
p-Isopropyltoluene	50.0	47.4		ug/Kg		95	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-598654/4
Matrix: Solid
Analysis Batch: 598654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	50.0	47.6		ug/Kg		95	70 - 123
Styrene	50.0	48.9		ug/Kg		98	70 - 120
tert-Butylbenzene	50.0	48.2		ug/Kg		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.0		ug/Kg		96	70 - 125
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	62 - 140
Tetrachloroethene	50.0	48.1		ug/Kg		96	70 - 128
Toluene	50.0	49.7		ug/Kg		99	70 - 125
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	50.0	43.9		ug/Kg		88	62 - 128
1,2,3-Trichlorobenzene	50.0	44.0		ug/Kg		88	51 - 145
1,2,4-Trichlorobenzene	50.0	42.2		ug/Kg		84	57 - 137
1,1,1-Trichloroethane	50.0	45.3		ug/Kg		91	70 - 125
1,1,2-Trichloroethane	50.0	50.9		ug/Kg		102	71 - 130
Trichloroethene	50.0	49.4		ug/Kg		99	70 - 125
Trichlorofluoromethane	50.0	38.1		ug/Kg		76	55 - 128
1,2,3-Trichloropropane	50.0	50.7		ug/Kg		101	50 - 133
1,2,4-Trimethylbenzene	50.0	47.9		ug/Kg		96	70 - 123
1,3,5-Trimethylbenzene	50.0	47.9		ug/Kg		96	70 - 123
Vinyl chloride	50.0	43.1		ug/Kg		86	64 - 126
Xylenes, Total	100	95.1		ug/Kg		95	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	97		75 - 120
1,2-Dichloroethane-d4 (Surr)	93		75 - 126
Toluene-d8 (Surr)	99		75 - 120

Lab Sample ID: MB 500-598842/6
Matrix: Solid
Analysis Batch: 598842

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		0.25	0.15	ug/Kg			05/14/21 12:35	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/14/21 12:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/14/21 12:35	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/14/21 12:35	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/14/21 12:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/14/21 12:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/14/21 12:35	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/14/21 12:35	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/14/21 12:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/14/21 12:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/14/21 12:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/14/21 12:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/14/21 12:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/14/21 12:35	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598842/6
Matrix: Solid
Analysis Batch: 598842

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/14/21 12:35	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/14/21 12:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/14/21 12:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 12:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/14/21 12:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/14/21 12:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/14/21 12:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/14/21 12:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/14/21 12:35	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/14/21 12:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/14/21 12:35	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/14/21 12:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/14/21 12:35	1
Methylene Chloride	1.75	J	5.0	1.6	ug/Kg			05/14/21 12:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/14/21 12:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/14/21 12:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 12:35	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/14/21 12:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 12:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/14/21 12:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/14/21 12:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/14/21 12:35	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/14/21 12:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/14/21 12:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/14/21 12:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/14/21 12:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/14/21 12:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/14/21 12:35	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/14/21 12:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/14/21 12:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/14/21 12:35	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 12:35	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/14/21 12:35	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/14/21 12:35	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/14/21 12:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		05/14/21 12:35	1
Dibromofluoromethane (Surr)	87		75 - 120		05/14/21 12:35	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598842/6
Matrix: Solid
Analysis Batch: 598842

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		05/14/21 12:35	1
Toluene-d8 (Surr)	94		75 - 120		05/14/21 12:35	1

Lab Sample ID: LCS 500-598842/4
Matrix: Solid
Analysis Batch: 598842

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.1		ug/Kg		100	70 - 120
Bromobenzene	50.0	42.5		ug/Kg		85	70 - 122
Bromochloromethane	50.0	47.7		ug/Kg		95	65 - 122
Bromodichloromethane	50.0	43.1		ug/Kg		86	69 - 120
Bromoform	50.0	34.1		ug/Kg		68	56 - 132
Bromomethane	50.0	59.9		ug/Kg		120	40 - 152
Carbon tetrachloride	50.0	48.9		ug/Kg		98	59 - 133
Chlorobenzene	50.0	49.0		ug/Kg		98	70 - 120
Chloroethane	50.0	56.3		ug/Kg		113	48 - 136
Chloroform	50.0	47.5		ug/Kg		95	70 - 120
Chloromethane	50.0	45.5		ug/Kg		91	56 - 152
2-Chlorotoluene	50.0	45.9		ug/Kg		92	70 - 125
4-Chlorotoluene	50.0	47.3		ug/Kg		95	68 - 124
cis-1,2-Dichloroethene	50.0	48.9		ug/Kg		98	70 - 125
cis-1,3-Dichloropropene	50.0	40.1		ug/Kg		80	64 - 127
Dibromochloromethane	50.0	36.3		ug/Kg		73	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	26.5	*-	ug/Kg		53	56 - 123
1,2-Dibromoethane	50.0	42.7		ug/Kg		85	70 - 125
Dibromomethane	50.0	48.2		ug/Kg		96	70 - 120
1,2-Dichlorobenzene	50.0	44.6		ug/Kg		89	70 - 125
1,3-Dichlorobenzene	50.0	47.0		ug/Kg		94	70 - 125
1,4-Dichlorobenzene	50.0	47.0		ug/Kg		94	70 - 120
Dichlorodifluoromethane	50.0	52.1		ug/Kg		104	40 - 159
1,1-Dichloroethane	50.0	46.3		ug/Kg		93	70 - 125
1,2-Dichloroethane	50.0	48.2		ug/Kg		96	68 - 127
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	67 - 122
1,2-Dichloropropane	50.0	47.6		ug/Kg		95	67 - 130
1,3-Dichloropropane	50.0	44.6		ug/Kg		89	62 - 136
2,2-Dichloropropane	50.0	52.5		ug/Kg		105	58 - 139
1,1-Dichloropropene	50.0	51.3		ug/Kg		103	70 - 121
Ethylbenzene	50.0	52.7		ug/Kg		105	70 - 123
Hexachlorobutadiene	50.0	49.2		ug/Kg		98	51 - 150
Isopropylbenzene	50.0	47.2		ug/Kg		94	70 - 126
Methylene Chloride	50.0	45.5		ug/Kg		91	69 - 125
Methyl tert-butyl ether	50.0	47.8		ug/Kg		96	55 - 123
Naphthalene	50.0	36.8		ug/Kg		74	53 - 144
n-Butylbenzene	50.0	51.7		ug/Kg		103	68 - 125
N-Propylbenzene	50.0	49.1		ug/Kg		98	69 - 127
p-Isopropyltoluene	50.0	50.5		ug/Kg		101	70 - 125
sec-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 123

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-598842/4
Matrix: Solid
Analysis Batch: 598842

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	50.0	49.5		ug/Kg		99	70 - 120
tert-Butylbenzene	50.0	47.4		ug/Kg		95	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.3		ug/Kg		89	70 - 125
1,1,1,2-Tetrachloroethane	50.0	38.0		ug/Kg		76	62 - 140
Tetrachloroethene	50.0	54.6		ug/Kg		109	70 - 128
Toluene	50.0	48.8		ug/Kg		98	70 - 125
trans-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	70 - 125
trans-1,3-Dichloropropene	50.0	38.5		ug/Kg		77	62 - 128
1,2,3-Trichlorobenzene	50.0	40.6		ug/Kg		81	51 - 145
1,2,4-Trichlorobenzene	50.0	41.7		ug/Kg		83	57 - 137
1,1,1-Trichloroethane	50.0	51.7		ug/Kg		103	70 - 125
1,1,2-Trichloroethane	50.0	43.8		ug/Kg		88	71 - 130
Trichloroethene	50.0	51.7		ug/Kg		103	70 - 125
Trichlorofluoromethane	50.0	47.2		ug/Kg		94	55 - 128
1,2,3-Trichloropropane	50.0	38.7		ug/Kg		77	50 - 133
1,2,4-Trimethylbenzene	50.0	46.8		ug/Kg		94	70 - 123
1,3,5-Trimethylbenzene	50.0	47.3		ug/Kg		95	70 - 123
Vinyl chloride	50.0	53.9		ug/Kg		108	64 - 126
Xylenes, Total	100	106		ug/Kg		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		72 - 124
Dibromofluoromethane (Surr)	91		75 - 120
1,2-Dichloroethane-d4 (Surr)	91		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-598847/7
Matrix: Solid
Analysis Batch: 598847

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/14/21 11:33	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/14/21 11:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/14/21 11:33	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/14/21 11:33	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/14/21 11:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/14/21 11:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/14/21 11:33	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/14/21 11:33	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/14/21 11:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/14/21 11:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/14/21 11:33	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/14/21 11:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/14/21 11:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/14/21 11:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/14/21 11:33	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598847/7
Matrix: Solid
Analysis Batch: 598847

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/14/21 11:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/14/21 11:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 11:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/14/21 11:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/14/21 11:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/14/21 11:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/14/21 11:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/14/21 11:33	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/14/21 11:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/14/21 11:33	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/14/21 11:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/14/21 11:33	1
Methylene Chloride	1.85	J	5.0	1.6	ug/Kg			05/14/21 11:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/14/21 11:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/14/21 11:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 11:33	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/14/21 11:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/14/21 11:33	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/14/21 11:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/14/21 11:33	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/14/21 11:33	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/14/21 11:33	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/14/21 11:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/14/21 11:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/14/21 11:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/14/21 11:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/14/21 11:33	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/14/21 11:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/14/21 11:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/14/21 11:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/14/21 11:33	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/14/21 11:33	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/14/21 11:33	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/14/21 11:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	112		72 - 124		05/14/21 11:33	1
Dibromofluoromethane (Surr)	98		75 - 120		05/14/21 11:33	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 126		05/14/21 11:33	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598847/7
Matrix: Solid
Analysis Batch: 598847

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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)		93	75 - 120		05/14/21 11:33	1

Lab Sample ID: LCS 500-598847/5
Matrix: Solid
Analysis Batch: 598847

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	43.4		ug/Kg		87	70 - 120
Bromobenzene	50.0	46.5		ug/Kg		93	70 - 122
Bromochloromethane	50.0	45.3		ug/Kg		91	65 - 122
Bromodichloromethane	50.0	42.7		ug/Kg		85	69 - 120
Bromoform	50.0	45.4		ug/Kg		91	56 - 132
Bromomethane	50.0	39.6		ug/Kg		79	40 - 152
Carbon tetrachloride	50.0	42.6		ug/Kg		85	59 - 133
Chlorobenzene	50.0	42.9		ug/Kg		86	70 - 120
Chloroethane	50.0	46.4		ug/Kg		93	48 - 136
Chloroform	50.0	42.5		ug/Kg		85	70 - 120
Chloromethane	50.0	53.8		ug/Kg		108	56 - 152
2-Chlorotoluene	50.0	45.3		ug/Kg		91	70 - 125
4-Chlorotoluene	50.0	43.6		ug/Kg		87	68 - 124
cis-1,2-Dichloroethene	50.0	43.2		ug/Kg		86	70 - 125
cis-1,3-Dichloropropene	50.0	41.7		ug/Kg		83	64 - 127
Dibromochloromethane	50.0	43.7		ug/Kg		87	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	37.5		ug/Kg		75	56 - 123
1,2-Dibromoethane	50.0	43.8		ug/Kg		88	70 - 125
Dibromomethane	50.0	42.8		ug/Kg		86	70 - 120
1,2-Dichlorobenzene	50.0	44.6		ug/Kg		89	70 - 125
1,3-Dichlorobenzene	50.0	46.0		ug/Kg		92	70 - 125
1,4-Dichlorobenzene	50.0	44.2		ug/Kg		88	70 - 120
Dichlorodifluoromethane	50.0	30.5		ug/Kg		61	40 - 159
1,1-Dichloroethane	50.0	53.4		ug/Kg		107	70 - 125
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	68 - 127
1,1-Dichloroethene	50.0	40.4		ug/Kg		81	67 - 122
1,2-Dichloropropane	50.0	55.6		ug/Kg		111	67 - 130
1,3-Dichloropropane	50.0	42.4		ug/Kg		85	62 - 136
2,2-Dichloropropane	50.0	47.3		ug/Kg		95	58 - 139
1,1-Dichloropropene	50.0	45.0		ug/Kg		90	70 - 121
Ethylbenzene	50.0	44.5		ug/Kg		89	70 - 123
Hexachlorobutadiene	50.0	51.3		ug/Kg		103	51 - 150
Isopropylbenzene	50.0	47.1		ug/Kg		94	70 - 126
Methylene Chloride	50.0	42.3		ug/Kg		85	69 - 125
Methyl tert-butyl ether	50.0	37.7		ug/Kg		75	55 - 123
Naphthalene	50.0	40.0		ug/Kg		80	53 - 144
n-Butylbenzene	50.0	45.4		ug/Kg		91	68 - 125
N-Propylbenzene	50.0	45.8		ug/Kg		92	69 - 127
p-Isopropyltoluene	50.0	45.9		ug/Kg		92	70 - 125
sec-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 123
Styrene	50.0	43.4		ug/Kg		87	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-598847/5
Matrix: Solid
Analysis Batch: 598847

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	50.0	46.4		ug/Kg		93	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.9		ug/Kg		90	70 - 125
1,1,2,2-Tetrachloroethane	50.0	45.3		ug/Kg		91	62 - 140
Tetrachloroethene	50.0	46.7		ug/Kg		93	70 - 128
Toluene	50.0	42.7		ug/Kg		85	70 - 125
trans-1,2-Dichloroethene	50.0	42.8		ug/Kg		86	70 - 125
trans-1,3-Dichloropropene	50.0	39.5		ug/Kg		79	62 - 128
1,2,3-Trichlorobenzene	50.0	41.1		ug/Kg		82	51 - 145
1,2,4-Trichlorobenzene	50.0	43.4		ug/Kg		87	57 - 137
1,1,1-Trichloroethane	50.0	46.6		ug/Kg		93	70 - 125
1,1,2-Trichloroethane	50.0	42.9		ug/Kg		86	71 - 130
Trichloroethene	50.0	45.2		ug/Kg		90	70 - 125
Trichlorofluoromethane	50.0	36.9		ug/Kg		74	55 - 128
1,2,3-Trichloropropane	50.0	44.2		ug/Kg		88	50 - 133
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	70 - 123
1,3,5-Trimethylbenzene	50.0	45.3		ug/Kg		91	70 - 123
Vinyl chloride	50.0	50.2		ug/Kg		100	64 - 126
Xylenes, Total	100	85.7		ug/Kg		86	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	101		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-599078/6
Matrix: Solid
Analysis Batch: 599078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/16/21 10:40	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/16/21 10:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/16/21 10:40	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/16/21 10:40	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/16/21 10:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/16/21 10:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/16/21 10:40	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/16/21 10:40	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/16/21 10:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/16/21 10:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/16/21 10:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/16/21 10:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/16/21 10:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/16/21 10:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/16/21 10:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-599078/6
Matrix: Solid
Analysis Batch: 599078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/16/21 10:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/16/21 10:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/16/21 10:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/16/21 10:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/16/21 10:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/16/21 10:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/16/21 10:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/16/21 10:40	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/16/21 10:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/16/21 10:40	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/21 10:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/16/21 10:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/16/21 10:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/16/21 10:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/16/21 10:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/21 10:40	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/16/21 10:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/21 10:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/16/21 10:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/16/21 10:40	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/16/21 10:40	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/16/21 10:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/16/21 10:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/16/21 10:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/16/21 10:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/16/21 10:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/16/21 10:40	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/16/21 10:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/16/21 10:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/16/21 10:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/16/21 10:40	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/21 10:40	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/16/21 10:40	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/16/21 10:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		05/16/21 10:40	1
Dibromofluoromethane (Surr)	86		75 - 120		05/16/21 10:40	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/16/21 10:40	1
Toluene-d8 (Surr)	94		75 - 120		05/16/21 10:40	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-599078/4

Matrix: Solid

Analysis Batch: 599078

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	44.5		ug/Kg		89	70 - 120
Bromobenzene	50.0	36.6		ug/Kg		73	70 - 122
Bromochloromethane	50.0	43.0		ug/Kg		86	65 - 122
Bromodichloromethane	50.0	38.3		ug/Kg		77	69 - 120
Bromoform	50.0	30.8		ug/Kg		62	56 - 132
Bromomethane	50.0	54.6		ug/Kg		109	40 - 152
Carbon tetrachloride	50.0	41.5		ug/Kg		83	59 - 133
Chlorobenzene	50.0	43.7		ug/Kg		87	70 - 120
Chloroethane	50.0	50.8		ug/Kg		102	48 - 136
Chloroform	50.0	41.9		ug/Kg		84	70 - 120
Chloromethane	50.0	41.7		ug/Kg		83	56 - 152
2-Chlorotoluene	50.0	39.6		ug/Kg		79	70 - 125
4-Chlorotoluene	50.0	40.7		ug/Kg		81	68 - 124
cis-1,2-Dichloroethene	50.0	42.7		ug/Kg		85	70 - 125
cis-1,3-Dichloropropene	50.0	36.3		ug/Kg		73	64 - 127
Dibromochloromethane	50.0	33.2	*-	ug/Kg		66	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	24.5	*-	ug/Kg		49	56 - 123
1,2-Dibromoethane	50.0	38.4		ug/Kg		77	70 - 125
Dibromomethane	50.0	42.6		ug/Kg		85	70 - 120
1,2-Dichlorobenzene	50.0	39.4		ug/Kg		79	70 - 125
1,3-Dichlorobenzene	50.0	41.3		ug/Kg		83	70 - 125
1,4-Dichlorobenzene	50.0	40.7		ug/Kg		81	70 - 120
Dichlorodifluoromethane	50.0	45.9		ug/Kg		92	40 - 159
1,1-Dichloroethane	50.0	40.8		ug/Kg		82	70 - 125
1,2-Dichloroethane	50.0	43.2		ug/Kg		86	68 - 127
1,1-Dichloroethene	50.0	42.2		ug/Kg		84	67 - 122
1,2-Dichloropropane	50.0	42.8		ug/Kg		86	67 - 130
1,3-Dichloropropane	50.0	40.2		ug/Kg		80	62 - 136
2,2-Dichloropropane	50.0	46.7		ug/Kg		93	58 - 139
1,1-Dichloropropene	50.0	44.5		ug/Kg		89	70 - 121
Ethylbenzene	50.0	46.4		ug/Kg		93	70 - 123
Hexachlorobutadiene	50.0	44.1		ug/Kg		88	51 - 150
Isopropylbenzene	50.0	40.4		ug/Kg		81	70 - 126
Methylene Chloride	50.0	39.6		ug/Kg		79	69 - 125
Methyl tert-butyl ether	50.0	43.2		ug/Kg		86	55 - 123
Naphthalene	50.0	33.4		ug/Kg		67	53 - 144
n-Butylbenzene	50.0	44.3		ug/Kg		89	68 - 125
N-Propylbenzene	50.0	41.7		ug/Kg		83	69 - 127
p-Isopropyltoluene	50.0	44.0		ug/Kg		88	70 - 125
sec-Butylbenzene	50.0	42.5		ug/Kg		85	70 - 123
Styrene	50.0	44.1		ug/Kg		88	70 - 120
tert-Butylbenzene	50.0	40.8		ug/Kg		82	70 - 121
1,1,1,2-Tetrachloroethane	50.0	40.1		ug/Kg		80	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	32.8		ug/Kg		66	62 - 140
Tetrachloroethene	50.0	48.5		ug/Kg		97	70 - 128
Toluene	50.0	44.1		ug/Kg		88	70 - 125
trans-1,2-Dichloroethene	50.0	44.0		ug/Kg		88	70 - 125
trans-1,3-Dichloropropene	50.0	34.9		ug/Kg		70	62 - 128

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-599078/4
Matrix: Solid
Analysis Batch: 599078

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	50.0	37.0		ug/Kg		74	51 - 145
1,2,4-Trichlorobenzene	50.0	36.6		ug/Kg		73	57 - 137
1,1,1-Trichloroethane	50.0	44.8		ug/Kg		90	70 - 125
1,1,2-Trichloroethane	50.0	39.2		ug/Kg		78	71 - 130
Trichloroethene	50.0	44.6		ug/Kg		89	70 - 125
Trichlorofluoromethane	50.0	42.0		ug/Kg		84	55 - 128
1,2,3-Trichloropropane	50.0	33.8		ug/Kg		68	50 - 133
1,2,4-Trimethylbenzene	50.0	40.8		ug/Kg		82	70 - 123
1,3,5-Trimethylbenzene	50.0	41.0		ug/Kg		82	70 - 123
Vinyl chloride	50.0	48.4		ug/Kg		97	64 - 126
Xylenes, Total	100	94.3		ug/Kg		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane (Surr)	90		75 - 120
1,2-Dichloroethane-d4 (Surr)	92		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-599178/6
Matrix: Solid
Analysis Batch: 599178

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/17/21 10:52	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/17/21 10:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/17/21 10:52	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/17/21 10:52	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/17/21 10:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/17/21 10:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/17/21 10:52	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/17/21 10:52	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/17/21 10:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/17/21 10:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/17/21 10:52	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/17/21 10:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/17/21 10:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/17/21 10:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/17/21 10:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/17/21 10:52	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/17/21 10:52	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 10:52	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/17/21 10:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/17/21 10:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-599178/6
Matrix: Solid
Analysis Batch: 599178

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/17/21 10:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/17/21 10:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/17/21 10:52	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/17/21 10:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/17/21 10:52	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/17/21 10:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/17/21 10:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/17/21 10:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/17/21 10:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/17/21 10:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 10:52	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/17/21 10:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 10:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/17/21 10:52	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/17/21 10:52	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/17/21 10:52	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/17/21 10:52	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/17/21 10:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/17/21 10:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/17/21 10:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/17/21 10:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/17/21 10:52	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/17/21 10:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/17/21 10:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/17/21 10:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 10:52	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/17/21 10:52	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/17/21 10:52	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/17/21 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		05/17/21 10:52	1
Dibromofluoromethane (Surr)	87		75 - 120		05/17/21 10:52	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		05/17/21 10:52	1
Toluene-d8 (Surr)	95		75 - 120		05/17/21 10:52	1

Lab Sample ID: LCS 500-599178/4
Matrix: Solid
Analysis Batch: 599178

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.3		ug/Kg		95	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-599178/4
Matrix: Solid
Analysis Batch: 599178

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	41.4		ug/Kg		83	70 - 122
Bromochloromethane	50.0	47.9		ug/Kg		96	65 - 122
Bromodichloromethane	50.0	42.7		ug/Kg		85	69 - 120
Bromoform	50.0	36.6		ug/Kg		73	56 - 132
Bromomethane	50.0	53.6		ug/Kg		107	40 - 152
Carbon tetrachloride	50.0	44.4		ug/Kg		89	59 - 133
Chlorobenzene	50.0	47.7		ug/Kg		95	70 - 120
Chloroethane	50.0	50.4		ug/Kg		101	48 - 136
Chloroform	50.0	45.7		ug/Kg		91	70 - 120
Chloromethane	50.0	41.3		ug/Kg		83	56 - 152
2-Chlorotoluene	50.0	44.2		ug/Kg		88	70 - 125
4-Chlorotoluene	50.0	45.2		ug/Kg		90	68 - 124
cis-1,2-Dichloroethene	50.0	46.4		ug/Kg		93	70 - 125
cis-1,3-Dichloropropene	50.0	40.7		ug/Kg		81	64 - 127
Dibromochloromethane	50.0	37.9		ug/Kg		76	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	31.2		ug/Kg		62	56 - 123
1,2-Dibromoethane	50.0	44.8		ug/Kg		90	70 - 125
Dibromomethane	50.0	48.4		ug/Kg		97	70 - 120
1,2-Dichlorobenzene	50.0	44.5		ug/Kg		89	70 - 125
1,3-Dichlorobenzene	50.0	45.8		ug/Kg		92	70 - 125
1,4-Dichlorobenzene	50.0	45.9		ug/Kg		92	70 - 120
Dichlorodifluoromethane	50.0	44.0		ug/Kg		88	40 - 159
1,1-Dichloroethane	50.0	43.4		ug/Kg		87	70 - 125
1,2-Dichloroethane	50.0	48.6		ug/Kg		97	68 - 127
1,1-Dichloroethene	50.0	46.6		ug/Kg		93	67 - 122
1,2-Dichloropropane	50.0	46.2		ug/Kg		92	67 - 130
1,3-Dichloropropane	50.0	46.0		ug/Kg		92	62 - 136
2,2-Dichloropropane	50.0	46.4		ug/Kg		93	58 - 139
1,1-Dichloropropene	50.0	47.4		ug/Kg		95	70 - 121
Ethylbenzene	50.0	50.5		ug/Kg		101	70 - 123
Hexachlorobutadiene	50.0	47.2		ug/Kg		94	51 - 150
Isopropylbenzene	50.0	44.2		ug/Kg		88	70 - 126
Methylene Chloride	50.0	43.9		ug/Kg		88	69 - 125
Methyl tert-butyl ether	50.0	48.9		ug/Kg		98	55 - 123
Naphthalene	50.0	41.2		ug/Kg		82	53 - 144
n-Butylbenzene	50.0	48.1		ug/Kg		96	68 - 125
N-Propylbenzene	50.0	45.5		ug/Kg		91	69 - 127
p-Isopropyltoluene	50.0	47.6		ug/Kg		95	70 - 125
sec-Butylbenzene	50.0	46.2		ug/Kg		92	70 - 123
Styrene	50.0	49.0		ug/Kg		98	70 - 120
tert-Butylbenzene	50.0	44.9		ug/Kg		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.7		ug/Kg		89	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	41.1		ug/Kg		82	62 - 140
Tetrachloroethene	50.0	51.0		ug/Kg		102	70 - 128
Toluene	50.0	48.1		ug/Kg		96	70 - 125
trans-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	70 - 125
trans-1,3-Dichloropropene	50.0	40.5		ug/Kg		81	62 - 128
1,2,3-Trichlorobenzene	50.0	43.1		ug/Kg		86	51 - 145
1,2,4-Trichlorobenzene	50.0	41.6		ug/Kg		83	57 - 137

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-599178/4
Matrix: Solid
Analysis Batch: 599178

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	47.3		ug/Kg		95	70 - 125
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	71 - 130
Trichloroethene	50.0	48.4		ug/Kg		97	70 - 125
Trichlorofluoromethane	50.0	41.9		ug/Kg		84	55 - 128
1,2,3-Trichloropropane	50.0	41.8		ug/Kg		84	50 - 133
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	70 - 123
1,3,5-Trimethylbenzene	50.0	45.0		ug/Kg		90	70 - 123
Vinyl chloride	50.0	47.3		ug/Kg		95	64 - 126
Xylenes, Total	100	102		ug/Kg		102	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane (Surr)	92		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	96		75 - 120

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

Lab Sample ID: MB 500-598578/1-A
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.0		33	6.0	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Anthracene	<5.6		33	5.6	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Chrysene	<9.1		33	9.1	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Fluorene	<4.7		33	4.7	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/13/21 08:04	05/13/21 20:15	1
Pyrene	<6.6		33	6.6	ug/Kg		05/13/21 08:04	05/13/21 20:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		43 - 145	05/13/21 08:04	05/13/21 20:15	1
Nitrobenzene-d5 (Surr)	87		37 - 147	05/13/21 08:04	05/13/21 20:15	1
Terphenyl-d14 (Surr)	128		42 - 157	05/13/21 08:04	05/13/21 20:15	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-598578/2-A
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1330	1110		ug/Kg		83	65 - 124
Acenaphthylene	1330	1380		ug/Kg		103	68 - 120
Anthracene	1330	1430		ug/Kg		107	70 - 114
Benzo[a]anthracene	1330	1260		ug/Kg		94	67 - 122
Benzo[a]pyrene	1330	1460		ug/Kg		110	65 - 133
Benzo[b]fluoranthene	1330	1230		ug/Kg		92	69 - 129
Benzo[g,h,i]perylene	1330	1280		ug/Kg		96	72 - 131
Benzo[k]fluoranthene	1330	1250		ug/Kg		94	68 - 127
Chrysene	1330	1450		ug/Kg		109	63 - 120
Dibenz(a,h)anthracene	1330	1280		ug/Kg		96	64 - 131
Fluoranthene	1330	1440		ug/Kg		108	62 - 120
Fluorene	1330	1250		ug/Kg		94	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1310		ug/Kg		99	68 - 130
1-Methylnaphthalene	1330	1150		ug/Kg		86	68 - 111
2-Methylnaphthalene	1330	1360		ug/Kg		102	69 - 112
Naphthalene	1330	1360		ug/Kg		102	63 - 110
Phenanthrene	1330	1450		ug/Kg		109	62 - 120
Pyrene	1330	1460		ug/Kg		109	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	101		43 - 145
Nitrobenzene-d5 (Surr)	101		37 - 147
Terphenyl-d14 (Surr)	106		42 - 157

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	<6.8		1560	1110		ug/Kg	☼	71	65 - 124
Acenaphthylene	<5.0		1560	1380		ug/Kg	☼	88	68 - 120
Anthracene	8.6	J	1560	1390		ug/Kg	☼	89	70 - 114
Benzo[a]anthracene	41		1560	1290		ug/Kg	☼	80	67 - 122
Benzo[a]pyrene	37	J	1560	1520		ug/Kg	☼	95	65 - 133
Benzo[b]fluoranthene	48		1560	1520		ug/Kg	☼	94	69 - 129
Benzo[g,h,i]perylene	31	J F1	1560	1120	F1	ug/Kg	☼	70	72 - 131
Benzo[k]fluoranthene	11	J	1560	1410		ug/Kg	☼	90	68 - 127
Chrysene	39		1560	1470		ug/Kg	☼	92	63 - 120
Dibenz(a,h)anthracene	<7.3		1560	1180		ug/Kg	☼	76	64 - 131
Fluoranthene	65	F1	1560	1610		ug/Kg	☼	99	62 - 120
Fluorene	<5.3		1560	1280		ug/Kg	☼	82	62 - 120
Indeno[1,2,3-cd]pyrene	23	J	1560	1230		ug/Kg	☼	78	68 - 130
1-Methylnaphthalene	<9.2	F1	1560	1050	F1	ug/Kg	☼	67	68 - 111
2-Methylnaphthalene	<6.9		1560	1240		ug/Kg	☼	80	69 - 112
Naphthalene	<5.8		1560	1220		ug/Kg	☼	78	63 - 110
Phenanthrene	37	J F1	1560	1540		ug/Kg	☼	96	62 - 120
Pyrene	79		1560	1450		ug/Kg	☼	88	61 - 128

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598578

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl (Surr)	76		43 - 145
Nitrobenzene-d5 (Surr)	76		37 - 147
Terphenyl-d14 (Surr)	81		42 - 157

Lab Sample ID: 500-198702-1 MSD
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598578

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD MSD</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>		<i>RPD</i>	<i>Limit</i>
				<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>RPD</i>		
Acenaphthene	<6.8		1560	1390		ug/Kg	☼	89	65 - 124	23	30	
Acenaphthylene	<5.0		1560	1630		ug/Kg	☼	105	68 - 120	17	30	
Anthracene	8.6	J	1560	1760		ug/Kg	☼	112	70 - 114	23	30	
Benzo[a]anthracene	41		1560	1500		ug/Kg	☼	93	67 - 122	15	30	
Benzo[a]pyrene	37	J	1560	1780		ug/Kg	☼	112	65 - 133	16	30	
Benzo[b]fluoranthene	48		1560	1600		ug/Kg	☼	99	69 - 129	5	30	
Benzo[g,h,i]perylene	31	J F1	1560	1240		ug/Kg	☼	78	72 - 131	10	30	
Benzo[k]fluoranthene	11	J	1560	1510		ug/Kg	☼	96	68 - 127	7	30	
Chrysene	39		1560	1680		ug/Kg	☼	105	63 - 120	13	30	
Dibenz(a,h)anthracene	<7.3		1560	1330		ug/Kg	☼	85	64 - 131	12	30	
Fluoranthene	65	F1	1560	2130	E F1	ug/Kg	☼	132	62 - 120	28	30	
Fluorene	<5.3		1560	1530		ug/Kg	☼	98	62 - 120	18	30	
Indeno[1,2,3-cd]pyrene	23	J	1560	1370		ug/Kg	☼	86	68 - 130	10	30	
1-Methylnaphthalene	<9.2	F1	1560	1330		ug/Kg	☼	85	68 - 111	24	30	
2-Methylnaphthalene	<6.9		1560	1580		ug/Kg	☼	101	69 - 112	24	30	
Naphthalene	<5.8		1560	1560		ug/Kg	☼	100	63 - 110	24	30	
Phenanthrene	37	J F1	1560	2080	E F1	ug/Kg	☼	131	62 - 120	30	30	
Pyrene	79		1560	1780		ug/Kg	☼	109	61 - 128	21	30	

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl (Surr)	97		43 - 145
Nitrobenzene-d5 (Surr)	101		37 - 147
Terphenyl-d14 (Surr)	88		42 - 157

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 598721

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598578

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MS MS</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>		<i>Limit</i>
				<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>RPD</i>	
Acenaphthene	<7.0		1560	1440		ug/Kg	☼	93	65 - 124		
Acenaphthylene	<5.1		1560	1540		ug/Kg	☼	99	68 - 120		
Anthracene	<6.5	F1	1560	1790	F1	ug/Kg	☼	115	70 - 114		
Benzo[a]anthracene	11	J	1560	1470		ug/Kg	☼	93	67 - 122		
Benzo[a]pyrene	10	J	1560	1750		ug/Kg	☼	111	65 - 133		
Benzo[b]fluoranthene	15	J	1560	1700		ug/Kg	☼	108	69 - 129		
Benzo[g,h,i]perylene	<13		1560	1290		ug/Kg	☼	83	72 - 131		
Benzo[k]fluoranthene	<11		1560	1660		ug/Kg	☼	106	68 - 127		
Chrysene	11	J	1560	1680		ug/Kg	☼	107	63 - 120		
Dibenz(a,h)anthracene	<7.5		1560	1420		ug/Kg	☼	91	64 - 131		

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-4 MS

Matrix: Solid

Analysis Batch: 598721

Client Sample ID: SB-222 (2-4)

Prep Type: Total/NA

Prep Batch: 598578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Fluoranthene	14	J	1560	1830		ug/Kg	⊛	116	62 - 120	
Fluorene	<5.5		1560	1430		ug/Kg	⊛	92	62 - 120	
Indeno[1,2,3-cd]pyrene	<10		1560	1380		ug/Kg	⊛	89	68 - 130	
1-Methylnaphthalene	32	J	1560	1360		ug/Kg	⊛	85	68 - 111	
2-Methylnaphthalene	<7.2		1560	1630		ug/Kg	⊛	105	69 - 112	
Naphthalene	<6.0		1560	1580		ug/Kg	⊛	101	63 - 110	
Phenanthrene	10	J	1560	1810		ug/Kg	⊛	116	62 - 120	
Pyrene	15	J	1560	1600		ug/Kg	⊛	102	61 - 128	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
2-Fluorobiphenyl (Surr)	69		43 - 145							
Nitrobenzene-d5 (Surr)	77		37 - 147							
Terphenyl-d14 (Surr)	102		42 - 157							

Lab Sample ID: 500-198702-4 MSD

Matrix: Solid

Analysis Batch: 598721

Client Sample ID: SB-222 (2-4)

Prep Type: Total/NA

Prep Batch: 598578

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
Acenaphthene	<7.0		1580	1490		ug/Kg	⊛	94	65 - 124	3	30	
Acenaphthylene	<5.1		1580	1820		ug/Kg	⊛	115	68 - 120	17	30	
Anthracene	<6.5	F1	1580	1790		ug/Kg	⊛	113	70 - 114	0	30	
Benzo[a]anthracene	11	J	1580	1490		ug/Kg	⊛	93	67 - 122	2	30	
Benzo[a]pyrene	10	J	1580	1820		ug/Kg	⊛	114	65 - 133	4	30	
Benzo[b]fluoranthene	15	J	1580	1800		ug/Kg	⊛	113	69 - 129	6	30	
Benzo[g,h,i]perylene	<13		1580	1280		ug/Kg	⊛	81	72 - 131	0	30	
Benzo[k]fluoranthene	<11		1580	1700		ug/Kg	⊛	107	68 - 127	2	30	
Chrysene	11	J	1580	1690		ug/Kg	⊛	107	63 - 120	1	30	
Dibenz(a,h)anthracene	<7.5		1580	1450		ug/Kg	⊛	92	64 - 131	2	30	
Fluoranthene	14	J	1580	1870		ug/Kg	⊛	117	62 - 120	2	30	
Fluorene	<5.5		1580	1680		ug/Kg	⊛	106	62 - 120	16	30	
Indeno[1,2,3-cd]pyrene	<10		1580	1420		ug/Kg	⊛	90	68 - 130	3	30	
1-Methylnaphthalene	32	J	1580	1370		ug/Kg	⊛	85	68 - 111	1	30	
2-Methylnaphthalene	<7.2		1580	1640		ug/Kg	⊛	103	69 - 112	0	30	
Naphthalene	<6.0		1580	1610		ug/Kg	⊛	102	63 - 110	2	30	
Phenanthrene	10	J	1580	1840		ug/Kg	⊛	115	62 - 120	1	30	
Pyrene	15	J	1580	1610		ug/Kg	⊛	100	61 - 128	0	30	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
2-Fluorobiphenyl (Surr)	101		43 - 145									
Nitrobenzene-d5 (Surr)	92		37 - 147									
Terphenyl-d14 (Surr)	102		42 - 157									

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 500-598737/1-A
Matrix: Solid
Analysis Batch: 598834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598737

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<6.0		33	6.0	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Anthracene	<5.6		33	5.6	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Chrysene	<9.1		33	9.1	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Fluorene	<4.7		33	4.7	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/13/21 18:56	05/14/21 13:51	1
Pyrene	<6.6		33	6.6	ug/Kg		05/13/21 18:56	05/14/21 13:51	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	100		43 - 145	05/13/21 18:56	05/14/21 13:51	1
Nitrobenzene-d5 (Surr)	89		37 - 147	05/13/21 18:56	05/14/21 13:51	1
Terphenyl-d14 (Surr)	119		42 - 157	05/13/21 18:56	05/14/21 13:51	1

Lab Sample ID: LCS 500-598737/2-A
Matrix: Solid
Analysis Batch: 598834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598737

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Acenaphthene	1330	1210		ug/Kg		91	65 - 124
Acenaphthylene	1330	1230		ug/Kg		92	68 - 120
Anthracene	1330	1220		ug/Kg		92	70 - 114
Benzo[a]anthracene	1330	1120		ug/Kg		84	67 - 122
Benzo[a]pyrene	1330	1380		ug/Kg		103	65 - 133
Benzo[b]fluoranthene	1330	1230		ug/Kg		92	69 - 129
Benzo[g,h,i]perylene	1330	1240		ug/Kg		93	72 - 131
Benzo[k]fluoranthene	1330	1320		ug/Kg		99	68 - 127
Chrysene	1330	1220		ug/Kg		92	63 - 120
Dibenz(a,h)anthracene	1330	1320		ug/Kg		99	64 - 131
Fluoranthene	1330	1280		ug/Kg		96	62 - 120
Fluorene	1330	1210		ug/Kg		91	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1340		ug/Kg		100	68 - 130
1-Methylnaphthalene	1330	1220		ug/Kg		91	68 - 111
2-Methylnaphthalene	1330	1240		ug/Kg		93	69 - 112
Naphthalene	1330	1190		ug/Kg		89	63 - 110
Phenanthrene	1330	1240		ug/Kg		93	62 - 120
Pyrene	1330	1250		ug/Kg		94	61 - 128

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 500-598737/2-A
Matrix: Solid
Analysis Batch: 598834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598737

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	105		43 - 145
Nitrobenzene-d5 (Surr)	89		37 - 147
Terphenyl-d14 (Surr)	100		42 - 157

Lab Sample ID: 500-198702-18 MS
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598737

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Acenaphthene	8.9	J	1700	1560		ug/Kg	☼	91	65 - 124
Acenaphthylene	<5.6		1700	1490		ug/Kg	☼	88	68 - 120
Anthracene	12	J	1700	1530		ug/Kg	☼	89	70 - 114
Benzo[a]anthracene	34	J	1700	1670		ug/Kg	☼	96	67 - 122
Benzo[a]pyrene	28	J	1700	1730		ug/Kg	☼	100	65 - 133
Benzo[b]fluoranthene	42		1700	1700		ug/Kg	☼	98	69 - 129
Benzo[g,h,i]perylene	<14	F1	1700	861	F1	ug/Kg	☼	51	72 - 131
Benzo[k]fluoranthene	16	J	1700	1670		ug/Kg	☼	98	68 - 127
Chrysene	36	J	1700	1680		ug/Kg	☼	97	63 - 120
Dibenz(a,h)anthracene	<8.2	F1	1700	1030	F1	ug/Kg	☼	61	64 - 131
Fluoranthene	69		1700	1690		ug/Kg	☼	96	62 - 120
Fluorene	8.0	J	1700	1480		ug/Kg	☼	87	62 - 120
Indeno[1,2,3-cd]pyrene	12	J F1	1700	976	F1	ug/Kg	☼	57	68 - 130
1-Methylnaphthalene	26	J	1700	1500		ug/Kg	☼	87	68 - 111
2-Methylnaphthalene	28	J	1700	1490		ug/Kg	☼	86	69 - 112
Naphthalene	29	J	1700	1450		ug/Kg	☼	84	63 - 110
Phenanthrene	68		1700	1700		ug/Kg	☼	96	62 - 120
Pyrene	56		1700	1610		ug/Kg	☼	91	61 - 128

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	82		43 - 145
Nitrobenzene-d5 (Surr)	96		37 - 147
Terphenyl-d14 (Surr)	92		42 - 157

Lab Sample ID: 500-198702-18 MSD
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598737

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Acenaphthene	8.9	J	1700	1620		ug/Kg	☼	95	65 - 124	4	30
Acenaphthylene	<5.6		1700	1520		ug/Kg	☼	89	68 - 120	2	30
Anthracene	12	J	1700	1560		ug/Kg	☼	91	70 - 114	2	30
Benzo[a]anthracene	34	J	1700	1670		ug/Kg	☼	96	67 - 122	0	30
Benzo[a]pyrene	28	J	1700	1740		ug/Kg	☼	101	65 - 133	1	30
Benzo[b]fluoranthene	42		1700	1770		ug/Kg	☼	101	69 - 129	4	30
Benzo[g,h,i]perylene	<14	F1	1700	912	F1	ug/Kg	☼	54	72 - 131	6	30
Benzo[k]fluoranthene	16	J	1700	1610		ug/Kg	☼	94	68 - 127	4	30
Chrysene	36	J	1700	1710		ug/Kg	☼	98	63 - 120	1	30
Dibenz(a,h)anthracene	<8.2	F1	1700	1090		ug/Kg	☼	64	64 - 131	6	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-18 MSD
Matrix: Solid
Analysis Batch: 598863

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598737

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Fluoranthene	69		1700	1760		ug/Kg	⊛	99	62 - 120	4	30
Fluorene	8.0	J	1700	1570		ug/Kg	⊛	92	62 - 120	6	30
Indeno[1,2,3-cd]pyrene	12	J F1	1700	1040	F1	ug/Kg	⊛	61	68 - 130	7	30
1-Methylnaphthalene	26	J	1700	1570		ug/Kg	⊛	91	68 - 111	5	30
2-Methylnaphthalene	28	J	1700	1540		ug/Kg	⊛	89	69 - 112	3	30
Naphthalene	29	J	1700	1500		ug/Kg	⊛	86	63 - 110	4	30
Phenanthrene	68		1700	1740		ug/Kg	⊛	98	62 - 120	2	30
Pyrene	56		1700	1660		ug/Kg	⊛	94	61 - 128	3	30
Surrogate	MSD	MSD	Qualifier	Limits							
2-Fluorobiphenyl (Surr)	86			43 - 145							
Nitrobenzene-d5 (Surr)	103			37 - 147							
Terphenyl-d14 (Surr)	97			42 - 157							

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-598827/1-A
Matrix: Solid
Analysis Batch: 599002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598827

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
PCB-1016	<5.9		17	5.9	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1221	<7.3		17	7.3	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1232	<7.3		17	7.3	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1242	<5.5		17	5.5	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1248	<6.6		17	6.6	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1254	<3.6		17	3.6	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
PCB-1260	<8.2		17	8.2	ug/Kg		05/14/21 07:33	05/14/21 18:50	1	
Surrogate	MB	MB	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Tetrachloro-m-xylene	105			49 - 129			05/14/21 07:33	05/14/21 18:50	1	
DCB Decachlorobiphenyl	94			37 - 121			05/14/21 07:33	05/14/21 18:50	1	

Lab Sample ID: LCS 500-598827/2-A
Matrix: Solid
Analysis Batch: 599002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598827

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Added	Result					
PCB-1016	167	147		ug/Kg		88	57 - 120	
PCB-1260	167	152		ug/Kg		91	61 - 125	
Surrogate	LCS	LCS	Qualifier	Limits				
Tetrachloro-m-xylene	96			49 - 129				
DCB Decachlorobiphenyl	83			37 - 121				

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 500-198702-1 MS

Matrix: Solid
Analysis Batch: 599002

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA
Prep Batch: 598827

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits	
PCB-1016	<6.7		196	137		ug/Kg	⊛	70	57 - 120		
PCB-1260	<9.4		196	144		ug/Kg	⊛	73	61 - 125		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
<i>Tetrachloro-m-xylene</i>	80		49 - 129								
<i>DCB Decachlorobiphenyl</i>	67		37 - 121								

Lab Sample ID: 500-198702-1 MSD

Matrix: Solid
Analysis Batch: 599002

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA
Prep Batch: 598827

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
PCB-1016	<6.7		196	139		ug/Kg	⊛	71	57 - 120		1	30
PCB-1260	<9.4		196	139		ug/Kg	⊛	71	61 - 125		4	30
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
<i>Tetrachloro-m-xylene</i>	74		49 - 129									
<i>DCB Decachlorobiphenyl</i>	66		37 - 121									

Lab Sample ID: 500-198702-4 MS

Matrix: Solid
Analysis Batch: 599002

Client Sample ID: SB-222 (2-4)

Prep Type: Total/NA
Prep Batch: 598827

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits	
PCB-1016	<6.9		191	168		ug/Kg	⊛	88	57 - 120		
PCB-1260	<9.6		191	157		ug/Kg	⊛	82	61 - 125		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
<i>Tetrachloro-m-xylene</i>	86		49 - 129								
<i>DCB Decachlorobiphenyl</i>	75		37 - 121								

Lab Sample ID: 500-198702-4 MSD

Matrix: Solid
Analysis Batch: 599002

Client Sample ID: SB-222 (2-4)

Prep Type: Total/NA
Prep Batch: 598827

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
PCB-1016	<6.9		198	174		ug/Kg	⊛	88	57 - 120		3	30
PCB-1260	<9.6		198	164		ug/Kg	⊛	83	61 - 125		4	30
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
<i>Tetrachloro-m-xylene</i>	82		49 - 129									
<i>DCB Decachlorobiphenyl</i>	82		37 - 121									

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 500-599012/1-A
Matrix: Solid
Analysis Batch: 599260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599012

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
PCB-1016	<5.9		17	5.9	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1221	<7.3		17	7.3	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1232	<7.3		17	7.3	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1242	<5.5		17	5.5	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1248	<6.6		17	6.6	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1254	<3.6		17	3.6	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	
PCB-1260	<8.2		17	8.2	ug/Kg		05/14/21 19:33	05/17/21 11:24		1	

Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
Tetrachloro-m-xylene	55		49 - 129	05/14/21 19:33		05/17/21 11:24		1
DCB Decachlorobiphenyl	64		37 - 121	05/14/21 19:33		05/17/21 11:24		1

Lab Sample ID: LCS 500-599012/2-A
Matrix: Solid
Analysis Batch: 599260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599012

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits	
		Result	Qualifier					
PCB-1016	167	102		ug/Kg		61	57 - 120	
PCB-1260	167	105		ug/Kg		63	61 - 125	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	60		49 - 129
DCB Decachlorobiphenyl	68		37 - 121

Lab Sample ID: 500-198702-18 MS
Matrix: Solid
Analysis Batch: 599260

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 599012

Analyte	Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits	
	Result	Qualifier		Result	Qualifier					
PCB-1016	<7.4		211	135		ug/Kg	☼	64	57 - 120	
PCB-1260	<10	F1	211	140		ug/Kg	☼	66	61 - 125	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	54		49 - 129
DCB Decachlorobiphenyl	65		37 - 121

Lab Sample ID: 500-198702-18 MSD
Matrix: Solid
Analysis Batch: 599260

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 599012

Analyte	Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits		RPD	
	Result	Qualifier		Result	Qualifier						RPD	Limit
PCB-1016	<7.4		210	127		ug/Kg	☼	60	57 - 120	7	30	
PCB-1260	<10	F1	210	125	F1	ug/Kg	☼	59	61 - 125	11	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	57		49 - 129
DCB Decachlorobiphenyl	61		37 - 121

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 500-599066/1-A
Matrix: Solid
Analysis Batch: 599209

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599066

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1221	<7.3		17	7.3	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1232	<7.3		17	7.3	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1242	<5.5		17	5.5	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1248	<6.6		17	6.6	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1254	<3.6		17	3.6	ug/Kg		05/15/21 13:54	05/17/21 09:10	1
PCB-1260	<8.2		17	8.2	ug/Kg		05/15/21 13:54	05/17/21 09:10	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	93		49 - 129	05/15/21 13:54	05/17/21 09:10	1
DCB Decachlorobiphenyl	93		37 - 121	05/15/21 13:54	05/17/21 09:10	1

Lab Sample ID: LCS 500-599066/3-A
Matrix: Solid
Analysis Batch: 599209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599066

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	167	142		ug/Kg		85	57 - 120
PCB-1260	167	121		ug/Kg		73	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	80		49 - 129
DCB Decachlorobiphenyl	65		37 - 121

Lab Sample ID: MB 500-599127/1-A
Matrix: Solid
Analysis Batch: 599515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599127

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1221	<7.3		17	7.3	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1232	<7.3		17	7.3	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1242	<5.5		17	5.5	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1248	<6.6		17	6.6	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1254	<3.6		17	3.6	ug/Kg		05/17/21 06:02	05/18/21 10:26	1
PCB-1260	<8.2		17	8.2	ug/Kg		05/17/21 06:02	05/18/21 10:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	80		49 - 129	05/17/21 06:02	05/18/21 10:26	1
DCB Decachlorobiphenyl	94		37 - 121	05/17/21 06:02	05/18/21 10:26	1

Lab Sample ID: LCS 500-599127/2-A
Matrix: Solid
Analysis Batch: 599515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599127

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	167	147		ug/Kg		88	57 - 120
PCB-1260	167	155		ug/Kg		93	61 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro- <i>m</i> -xylene	87		49 - 129
DCB Decachlorobiphenyl	105		37 - 121

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-487621/1-A
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487621

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorotridecanoic acid (PFTrDA)	<0.051		0.20	0.051	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NMeFOSAA	<0.39		2.0	0.39	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018		0.20	0.018	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
9Cl-PF3ONS	<0.027		0.20	0.027	ug/Kg		05/10/21 11:33	05/11/21 16:55	1
11Cl-PF3OUdS	<0.022		0.20	0.022	ug/Kg		05/10/21 11:33	05/11/21 16:55	1

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	105		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C5 PFPeA	98		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 PFHxA	101		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C4 PFHpA	98		25 - 150	05/10/21 11:33	05/11/21 16:55	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 320-487621/1-A
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487621

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFOA	108		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C5 PFNA	104		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 PFDA	101		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 PFUnA	109		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 PFDoA	97		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 PFTeDA	89		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C3 PFBS	96		25 - 150	05/10/21 11:33	05/11/21 16:55	1
18O2 PFHxS	96		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C4 PFOS	96		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C8 FOSA	91		10 - 150	05/10/21 11:33	05/11/21 16:55	1
d3-NMeFOSAA	93		25 - 150	05/10/21 11:33	05/11/21 16:55	1
d5-NEtFOSAA	99		25 - 150	05/10/21 11:33	05/11/21 16:55	1
d-N-MeFOSA-M	62		10 - 150	05/10/21 11:33	05/11/21 16:55	1
d-N-EtFOSA-M	65		10 - 150	05/10/21 11:33	05/11/21 16:55	1
d7-N-MeFOSE-M	92		10 - 150	05/10/21 11:33	05/11/21 16:55	1
d9-N-EtFOSE-M	104		10 - 150	05/10/21 11:33	05/11/21 16:55	1
M2-4:2 FTS	103		25 - 150	05/10/21 11:33	05/11/21 16:55	1
M2-6:2 FTS	111		25 - 150	05/10/21 11:33	05/11/21 16:55	1
M2-8:2 FTS	134		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C3 HFPO-DA	92		25 - 150	05/10/21 11:33	05/11/21 16:55	1
13C2 10:2 FTS	120		25 - 150	05/10/21 11:33	05/11/21 16:55	1

Lab Sample ID: LCS 320-487621/2-A
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	2.00	2.00		ug/Kg		100	60 - 135
Perfluorohexanoic acid (PFHxA)	2.00	2.26		ug/Kg		113	60 - 135
Perfluoroheptanoic acid (PFHpA)	2.00	2.10		ug/Kg		105	60 - 135
Perfluorooctanoic acid (PFOA)	2.00	2.17		ug/Kg		108	60 - 135
Perfluorononanoic acid (PFNA)	2.00	1.94		ug/Kg		97	60 - 135
Perfluorodecanoic acid (PFDA)	2.00	1.87		ug/Kg		93	60 - 135
Perfluoroundecanoic acid (PFUnA)	2.00	2.19		ug/Kg		110	60 - 135
Perfluorododecanoic acid (PFDoA)	2.00	2.01		ug/Kg		100	60 - 135
Perfluorotridecanoic acid (PFTTrDA)	2.00	1.95		ug/Kg		98	60 - 135
Perfluorotetradecanoic acid (PFTeA)	2.00	2.36		ug/Kg		118	60 - 135
Perfluorobutanesulfonic acid (PFBS)	1.77	1.89		ug/Kg		107	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	1.88	2.11		ug/Kg		112	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.90		ug/Kg		104	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	1.99		ug/Kg		105	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 320-487621/2-A
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonic acid (PFOS)	1.86	1.89		ug/Kg		102	60 - 135
Perfluorononanesulfonic acid (PFNS)	1.92	1.75		ug/Kg		91	60 - 135
Perfluorodecanesulfonic acid (PFDS)	1.93	1.91		ug/Kg		99	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.85		ug/Kg		96	60 - 135
Perfluorooctanesulfonamide (FOSA)	2.00	2.13		ug/Kg		107	60 - 135
NEtFOSA	2.00	2.19		ug/Kg		110	60 - 135
NMeFOSA	2.00	2.18		ug/Kg		109	60 - 135
NMeFOSAA	2.00	2.10		ug/Kg		105	60 - 135
NEtFOSAA	2.00	2.07		ug/Kg		104	60 - 135
NMeFOSE	2.00	2.24		ug/Kg		112	60 - 135
NEtFOSE	2.00	1.85		ug/Kg		92	60 - 135
4:2 FTS	1.87	1.94	J	ug/Kg		104	60 - 135
6:2 FTS	1.90	2.10		ug/Kg		111	60 - 135
8:2 FTS	1.92	2.20		ug/Kg		115	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	1.95		ug/Kg		104	60 - 135
HFPO-DA (GenX)	2.00	2.32		ug/Kg		116	60 - 135
9Cl-PF3ONS	1.86	1.97		ug/Kg		106	60 - 135
11Cl-PF3OUdS	1.88	1.78		ug/Kg		94	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	119		25 - 150
13C5 PFPeA	114		25 - 150
13C2 PFHxA	111		25 - 150
13C4 PFHpA	117		25 - 150
13C4 PFOA	116		25 - 150
13C5 PFNA	122		25 - 150
13C2 PFDA	115		25 - 150
13C2 PFUnA	118		25 - 150
13C2 PFDoA	108		25 - 150
13C2 PFTeDA	99		25 - 150
13C3 PFBS	105		25 - 150
18O2 PFHxS	108		25 - 150
13C4 PFOS	112		25 - 150
13C8 FOSA	103		10 - 150
d3-NMeFOSAA	105		25 - 150
d5-NEtFOSAA	111		25 - 150
d-N-MeFOSA-M	74		10 - 150
d-N-EtFOSA-M	74		10 - 150
d7-N-MeFOSE-M	100		10 - 150
d9-N-EtFOSE-M	113		10 - 150
M2-4:2 FTS	109		25 - 150
M2-6:2 FTS	130		25 - 150
M2-8:2 FTS	136		25 - 150
13C3 HFPO-DA	107		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 320-487621/2-A
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487621

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
13C2 10:2 FTS	136		25 - 150

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 487621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	<0.032		2.25	2.37		ug/Kg	✱	105	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.089		2.25	2.45		ug/Kg	✱	109	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.049		2.25	2.32		ug/Kg	✱	103	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.034		2.25	2.54		ug/Kg	✱	113	70 - 130
Perfluorooctanoic acid (PFOA)	0.11	J	2.25	2.48		ug/Kg	✱	105	70 - 130
Perfluorononanoic acid (PFNA)	<0.042		2.25	2.35		ug/Kg	✱	105	70 - 130
Perfluorodecanoic acid (PFDA)	<0.025		2.25	2.20		ug/Kg	✱	98	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.042		2.25	2.35		ug/Kg	✱	104	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.078		2.25	2.20		ug/Kg	✱	98	70 - 130
Perfluorotridecanoic acid (PFTrDA)	<0.059		2.25	2.13		ug/Kg	✱	95	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.063		2.25	2.36		ug/Kg	✱	105	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.029		1.99	2.18		ug/Kg	✱	110	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.11	2.22		ug/Kg	✱	105	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.036		2.05	2.05		ug/Kg	✱	100	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		2.14	2.28		ug/Kg	✱	106	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.09	2.36		ug/Kg	✱	113	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.023		2.16	1.97		ug/Kg	✱	91	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.045		2.17	2.00		ug/Kg	✱	92	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.070		2.18	1.96		ug/Kg	✱	90	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.095		2.25	2.53		ug/Kg	✱	112	70 - 130
NEtFOSA	<0.028		2.25	2.21		ug/Kg	✱	98	70 - 130
NMeFOSA	<0.048		2.25	2.53		ug/Kg	✱	112	70 - 130
NMeFOSAA	<0.45		2.25	2.51		ug/Kg	✱	112	70 - 130
NEtFOSAA	<0.43		2.25	2.43		ug/Kg	✱	108	70 - 130
NMeFOSE	<0.082		2.25	2.25		ug/Kg	✱	100	70 - 130
NEtFOSE	<0.042		2.25	2.26		ug/Kg	✱	100	70 - 130
4:2 FTS	<0.43		2.10	2.25	J	ug/Kg	✱	107	70 - 130
6:2 FTS	<0.17		2.13	2.24	J	ug/Kg	✱	105	70 - 130
8:2 FTS	<0.29		2.16	2.40		ug/Kg	✱	111	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	F1	2.12	2.73		ug/Kg	✱	129	70 - 130
HFPO-DA (GenX)	<0.13		2.25	2.48		ug/Kg	✱	110	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MS

Matrix: Solid

Analysis Batch: 488055

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA

Prep Batch: 487621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
9CI-PF3ONS	<0.031		2.10	2.26		ug/Kg	⊛	107	70 - 130		
11CI-PF3OUdS	<0.025		2.12	1.88		ug/Kg	⊛	89	70 - 130		
		MS	MS								
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	118		25 - 150								
13C5 PFPeA	108		25 - 150								
13C2 PFHxA	108		25 - 150								
13C4 PFHpA	108		25 - 150								
13C4 PFOA	110		25 - 150								
13C5 PFNA	106		25 - 150								
13C2 PFDA	97		25 - 150								
13C2 PFUnA	107		25 - 150								
13C2 PFDoA	97		25 - 150								
13C2 PFTeDA	88		25 - 150								
13C3 PFBS	88		25 - 150								
18O2 PFHxS	87		25 - 150								
13C4 PFOS	87		25 - 150								
13C8 FOSA	90		10 - 150								
d3-NMeFOSAA	90		25 - 150								
d5-NEtFOSAA	98		25 - 150								
d-N-MeFOSA-M	71		10 - 150								
d-N-EtFOSA-M	73		10 - 150								
d7-N-MeFOSE-M	97		10 - 150								
d9-N-EtFOSE-M	89		10 - 150								
M2-4:2 FTS	93		25 - 150								
M2-6:2 FTS	111		25 - 150								
M2-8:2 FTS	115		25 - 150								
13C3 HFPO-DA	106		25 - 150								
13C2 10:2 FTS	107		25 - 150								

Lab Sample ID: 500-198702-1 MSD

Matrix: Solid

Analysis Batch: 488055

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA

Prep Batch: 487621

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
Perfluorobutanoic acid (PFBA)	<0.032		2.18	2.14		ug/Kg	⊛	98	70 - 130		10	30
Perfluoropentanoic acid (PFPeA)	<0.089		2.18	2.27		ug/Kg	⊛	104	70 - 130		7	30
Perfluorohexanoic acid (PFHxA)	<0.049		2.18	2.36		ug/Kg	⊛	109	70 - 130		2	30
Perfluoroheptanoic acid (PFHpA)	<0.034		2.18	2.22		ug/Kg	⊛	102	70 - 130		13	30
Perfluorooctanoic acid (PFOA)	0.11	J	2.18	2.60		ug/Kg	⊛	114	70 - 130		5	30
Perfluorononanoic acid (PFNA)	<0.042		2.18	2.16		ug/Kg	⊛	99	70 - 130		8	30
Perfluorodecanoic acid (PFDA)	<0.025		2.18	2.08		ug/Kg	⊛	96	70 - 130		6	30
Perfluoroundecanoic acid (PFUnA)	<0.042		2.18	2.15		ug/Kg	⊛	99	70 - 130		9	30
Perfluorododecanoic acid (PFDoA)	<0.078		2.18	2.04		ug/Kg	⊛	94	70 - 130		8	30
Perfluorotridecanoic acid (PFTTrDA)	<0.059		2.18	2.09		ug/Kg	⊛	96	70 - 130		2	30
Perfluorotetradecanoic acid (PFTeA)	<0.063		2.18	2.39		ug/Kg	⊛	110	70 - 130		1	30

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MSD

Matrix: Solid

Analysis Batch: 488055

Client Sample ID: SB-213 (1-2)

Prep Type: Total/NA

Prep Batch: 487621

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid (PFBS)	<0.029		1.92	1.91		ug/Kg	☼	99	70 - 130	13	30
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.04	1.95		ug/Kg	☼	95	70 - 130	13	30
Perfluorohexanesulfonic acid (PFHxS)	<0.036		1.98	1.88		ug/Kg	☼	95	70 - 130	8	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		2.07	2.24		ug/Kg	☼	108	70 - 130	2	30
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.02	2.35		ug/Kg	☼	116	70 - 130	0	30
Perfluorononanesulfonic acid (PFNS)	<0.023		2.09	2.19		ug/Kg	☼	105	70 - 130	10	30
Perfluorodecanesulfonic acid (PFDS)	<0.045		2.10	2.18		ug/Kg	☼	104	70 - 130	9	30
Perfluorododecanesulfonic acid (PFDoS)	<0.070		2.11	2.09		ug/Kg	☼	99	70 - 130	7	30
Perfluorooctanesulfonamide (FOSA)	<0.095		2.18	2.27		ug/Kg	☼	104	70 - 130	11	30
NEtFOSA	<0.028		2.18	2.01		ug/Kg	☼	92	70 - 130	9	30
NMeFOSA	<0.048		2.18	2.39		ug/Kg	☼	110	70 - 130	6	30
NMeFOSAA	<0.45		2.18	2.27		ug/Kg	☼	104	70 - 130	10	30
NEtFOSAA	<0.43		2.18	2.11	J	ug/Kg	☼	97	70 - 130	14	30
NMeFOSE	<0.082		2.18	1.96		ug/Kg	☼	90	70 - 130	14	30
NEtFOSE	<0.042		2.18	2.13		ug/Kg	☼	98	70 - 130	6	30
4:2 FTS	<0.43		2.03	1.91	J	ug/Kg	☼	94	70 - 130	16	30
6:2 FTS	<0.17		2.06	2.32		ug/Kg	☼	113	70 - 130	4	30
8:2 FTS	<0.29		2.08	1.93	J	ug/Kg	☼	93	70 - 130	22	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	F1	2.05	2.85	F1	ug/Kg	☼	139	70 - 130	4	30
HFPO-DA (GenX)	<0.13		2.18	2.66		ug/Kg	☼	122	70 - 130	7	30
9CI-PF3ONS	<0.031		2.03	2.23		ug/Kg	☼	110	70 - 130	1	30
11CI-PF3OUdS	<0.025		2.05	2.09		ug/Kg	☼	102	70 - 130	10	30

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	115		25 - 150
13C5 PFPeA	104		25 - 150
13C2 PFHxA	102		25 - 150
13C4 PFHpA	98		25 - 150
13C4 PFOA	90		25 - 150
13C5 PFNA	95		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	90		25 - 150
13C2 PFDoA	93		25 - 150
13C2 PFTeDA	81		25 - 150
13C3 PFBS	75		25 - 150
18O2 PFHxS	74		25 - 150
13C4 PFOS	72		25 - 150
13C8 FOSA	80		10 - 150
d3-NMeFOSAA	80		25 - 150
d5-NEtFOSAA	95		25 - 150
d-N-MeFOSA-M	67		10 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-1 MSD
Matrix: Solid
Analysis Batch: 488055

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 487621

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
d-N-EtFOSA-M	72		10 - 150
d7-N-MeFOSE-M	95		10 - 150
d9-N-EtFOSE-M	90		10 - 150
M2-4:2 FTS	98		25 - 150
M2-6:2 FTS	91		25 - 150
M2-8:2 FTS	111		25 - 150
13C3 HFPO-DA	94		25 - 150
13C2 10:2 FTS	94		25 - 150

Lab Sample ID: MB 320-487829/1-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487829

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		05/11/21 04:34	05/12/21 07:11	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		05/11/21 04:34	05/12/21 07:11	1
NEtFOSA	<0.87		2.0	0.87	ng/L		05/11/21 04:34	05/12/21 07:11	1
NMeFOSA	<0.43		2.0	0.43	ng/L		05/11/21 04:34	05/12/21 07:11	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		05/11/21 04:34	05/12/21 07:11	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		05/11/21 04:34	05/12/21 07:11	1
NMeFOSE	<1.4		4.0	1.4	ng/L		05/11/21 04:34	05/12/21 07:11	1
NEtFOSE	<0.85		2.0	0.85	ng/L		05/11/21 04:34	05/12/21 07:11	1
4:2 FTS	<0.24		2.0	0.24	ng/L		05/11/21 04:34	05/12/21 07:11	1
6:2 FTS	<2.5		5.0	2.5	ng/L		05/11/21 04:34	05/12/21 07:11	1
8:2 FTS	<0.46		2.0	0.46	ng/L		05/11/21 04:34	05/12/21 07:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		05/11/21 04:34	05/12/21 07:11	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		05/11/21 04:34	05/12/21 07:11	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		05/11/21 04:34	05/12/21 07:11	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 320-487829/1-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		05/11/21 04:34	05/12/21 07:11	1
Isotope Dilution									
	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	93		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C5 PFPeA	100		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 PFHxA	97		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C4 PFHpA	97		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C4 PFOA	102		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C5 PFNA	101		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 PFDA	100		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 PFUnA	109		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 PFDoA	93		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 PFTeDA	88		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C3 PFBS	91		25 - 150				05/11/21 04:34	05/12/21 07:11	1
18O2 PFHxS	101		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C4 PFOS	95		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C8 FOSA	103		10 - 150				05/11/21 04:34	05/12/21 07:11	1
d3-NMeFOSAA	111		25 - 150				05/11/21 04:34	05/12/21 07:11	1
d5-NEtFOSAA	106		25 - 150				05/11/21 04:34	05/12/21 07:11	1
d-N-MeFOSA-M	78		10 - 150				05/11/21 04:34	05/12/21 07:11	1
d-N-EtFOSA-M	79		10 - 150				05/11/21 04:34	05/12/21 07:11	1
d7-N-MeFOSE-M	86		10 - 150				05/11/21 04:34	05/12/21 07:11	1
d9-N-EtFOSE-M	87		10 - 150				05/11/21 04:34	05/12/21 07:11	1
M2-4:2 FTS	119		25 - 150				05/11/21 04:34	05/12/21 07:11	1
M2-6:2 FTS	116		25 - 150				05/11/21 04:34	05/12/21 07:11	1
M2-8:2 FTS	124		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C3 HFPO-DA	91		25 - 150				05/11/21 04:34	05/12/21 07:11	1
13C2 10:2 FTS	110		25 - 150				05/11/21 04:34	05/12/21 07:11	1

Lab Sample ID: LCS 320-487829/2-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	41.3		ng/L		103	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	42.2		ng/L		105	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	43.3		ng/L		108	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	44.1		ng/L		110	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	42.9		ng/L		107	60 - 135
Perfluorononanoic acid (PFNA)	40.0	41.9		ng/L		105	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	41.6		ng/L		104	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	32.7		ng/L		82	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	46.5		ng/L		116	60 - 135
Perfluorotridecanoic acid (PFTTrDA)	40.0	43.7		ng/L		109	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	46.4		ng/L		116	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 320-487829/2-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanesulfonic acid (PFBS)	35.4	34.2		ng/L		97	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	42.2		ng/L		113	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	33.6		ng/L		92	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.3		ng/L		106	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	36.3		ng/L		98	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	38.3		ng/L		100	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	36.6		ng/L		95	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	40.3		ng/L		104	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	38.9		ng/L		97	60 - 135
NEtFOSA	40.0	42.5		ng/L		106	60 - 135
NMeFOSA	40.0	44.1		ng/L		110	60 - 135
NMeFOSAA	40.0	46.5		ng/L		116	60 - 135
NEtFOSAA	40.0	35.8		ng/L		90	60 - 135
NMeFOSE	40.0	44.3		ng/L		111	60 - 135
NEtFOSE	40.0	40.6		ng/L		102	60 - 135
4:2 FTS	37.4	38.0		ng/L		102	60 - 135
6:2 FTS	37.9	34.1		ng/L		90	60 - 135
8:2 FTS	38.3	40.9		ng/L		107	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	35.7		ng/L		95	60 - 135
HFPO-DA (GenX)	40.0	45.0		ng/L		112	60 - 135
9CI-PF3ONS	37.3	34.3		ng/L		92	60 - 135
11CI-PF3OUdS	37.7	33.6		ng/L		89	60 - 135

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	89		25 - 150
13C5 PFPeA	96		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	91		25 - 150
13C4 PFOA	93		25 - 150
13C5 PFNA	100		25 - 150
13C2 PFDA	86		25 - 150
13C2 PFUnA	105		25 - 150
13C2 PFDoA	91		25 - 150
13C2 PFTeDA	82		25 - 150
13C3 PFBS	92		25 - 150
18O2 PFHxS	102		25 - 150
13C4 PFOS	100		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	103		25 - 150
d5-NEtFOSAA	104		25 - 150
d-N-MeFOSA-M	80		10 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 320-487829/2-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487829

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>d-N-EtFOSA-M</i>	78		10 - 150
<i>d7-N-MeFOSE-M</i>	88		10 - 150
<i>d9-N-EtFOSE-M</i>	89		10 - 150
<i>M2-4:2 FTS</i>	103		25 - 150
<i>M2-6:2 FTS</i>	120		25 - 150
<i>M2-8:2 FTS</i>	104		25 - 150
<i>13C3 HFPO-DA</i>	86		25 - 150
<i>13C2 10:2 FTS</i>	104		25 - 150

Lab Sample ID: LCSD 320-487829/3-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 487829

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	42.1		ng/L		105	60 - 135	2	30
Perfluoropentanoic acid (PFPeA)	40.0	43.9		ng/L		110	60 - 135	4	30
Perfluorohexanoic acid (PFHxA)	40.0	44.9		ng/L		112	60 - 135	3	30
Perfluoroheptanoic acid (PFHpA)	40.0	46.4		ng/L		116	60 - 135	5	30
Perfluorooctanoic acid (PFOA)	40.0	40.4		ng/L		101	60 - 135	6	30
Perfluorononanoic acid (PFNA)	40.0	43.0		ng/L		108	60 - 135	3	30
Perfluorodecanoic acid (PFDA)	40.0	38.6		ng/L		96	60 - 135	7	30
Perfluoroundecanoic acid (PFUnA)	40.0	30.9		ng/L		77	60 - 135	6	30
Perfluorododecanoic acid (PFDoA)	40.0	40.1		ng/L		100	60 - 135	15	30
Perfluorotridecanoic acid (PFTrDA)	40.0	39.1		ng/L		98	60 - 135	11	30
Perfluorotetradecanoic acid (PFTeA)	40.0	46.0		ng/L		115	60 - 135	1	30
Perfluorobutanesulfonic acid (PFBS)	35.4	34.9		ng/L		99	60 - 135	2	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	42.1		ng/L		112	60 - 135	0	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	35.3		ng/L		97	60 - 135	5	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	43.4		ng/L		114	60 - 135	7	30
Perfluorooctanesulfonic acid (PFOS)	37.1	40.2		ng/L		108	60 - 135	10	30
Perfluorononanesulfonic acid (PFNS)	38.4	40.7		ng/L		106	60 - 135	6	30
Perfluorodecanesulfonic acid (PFDS)	38.6	39.5		ng/L		102	60 - 135	8	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	41.7		ng/L		108	60 - 135	3	30
Perfluorooctanesulfonamide (FOSA)	40.0	40.6		ng/L		101	60 - 135	4	30
NEtFOSA	40.0	44.2		ng/L		110	60 - 135	4	30
NMeFOSA	40.0	47.8		ng/L		119	60 - 135	8	30
NMeFOSAA	40.0	41.1		ng/L		103	60 - 135	12	30
NEtFOSAA	40.0	36.0		ng/L		90	60 - 135	1	30
NMeFOSE	40.0	46.7		ng/L		117	60 - 135	5	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCSD 320-487829/3-A
Matrix: Water
Analysis Batch: 488140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 487829

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
NETFOSE	40.0	40.5		ng/L		101	60 - 135	0	30
4:2 FTS	37.4	36.4		ng/L		97	60 - 135	4	30
6:2 FTS	37.9	38.3		ng/L		101	60 - 135	12	30
8:2 FTS	38.3	38.9		ng/L		102	60 - 135	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	42.6		ng/L		113	60 - 135	18	30
HFPO-DA (GenX)	40.0	47.3		ng/L		118	60 - 135	5	30
9CI-PF3ONS	37.3	37.6		ng/L		101	60 - 135	9	30
11CI-PF3OUdS	37.7	37.7		ng/L		100	60 - 135	11	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C4 PFBA	92		25 - 150
13C5 PFPeA	92		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	96		25 - 150
13C4 PFOA	102		25 - 150
13C5 PFNA	96		25 - 150
13C2 PFDA	96		25 - 150
13C2 PFUnA	107		25 - 150
13C2 PFDoA	96		25 - 150
13C2 PFTeDA	85		25 - 150
13C3 PFBS	92		25 - 150
18O2 PFHxS	96		25 - 150
13C4 PFOS	91		25 - 150
13C8 FOSA	100		10 - 150
d3-NMeFOSAA	113		25 - 150
d5-NEtFOSAA	105		25 - 150
d-N-MeFOSA-M	75		10 - 150
d-N-EtFOSA-M	73		10 - 150
d7-N-MeFOSE-M	86		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	112		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	106		25 - 150
13C3 HFPO-DA	89		25 - 150
13C2 10:2 FTS	101		25 - 150

Lab Sample ID: MB 320-487940/1-A
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		05/11/21 11:21	05/12/21 17:03	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 320-487940/1-A
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorotridecanoic acid (PFTTrDA)	<0.051		0.20	0.051	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluoroheptanesulfonic Acid (PFHps)	<0.035		0.20	0.035	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NMeFOSAA	<0.39		2.0	0.39	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018		0.20	0.018	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
9Cl-PF3ONS	<0.027		0.20	0.027	ug/Kg		05/11/21 11:21	05/12/21 17:03	1
11Cl-PF3OUdS	<0.022		0.20	0.022	ug/Kg		05/11/21 11:21	05/12/21 17:03	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	99		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C5 PFPeA	99		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 PFHxA	93		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C4 PFHpa	103		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C4 PFOA	98		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C5 PFNA	89		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 PFDA	97		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 PFUnA	92		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 PFDoA	87		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 PFTeDA	83		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C3 PFBS	88		25 - 150	05/11/21 11:21	05/12/21 17:03	1
18O2 PFHxS	91		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C4 PFOS	84		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C8 FOSA	97		10 - 150	05/11/21 11:21	05/12/21 17:03	1
d3-NMeFOSAA	79		25 - 150	05/11/21 11:21	05/12/21 17:03	1
d5-NEtFOSAA	86		25 - 150	05/11/21 11:21	05/12/21 17:03	1
d-N-MeFOSA-M	57		10 - 150	05/11/21 11:21	05/12/21 17:03	1
d-N-EtFOSA-M	55		10 - 150	05/11/21 11:21	05/12/21 17:03	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: MB 320-487940/1-A
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 487940

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d7-N-MeFOSE-M	85		10 - 150	05/11/21 11:21	05/12/21 17:03	1
d9-N-EtFOSE-M	80		10 - 150	05/11/21 11:21	05/12/21 17:03	1
M2-4:2 FTS	109		25 - 150	05/11/21 11:21	05/12/21 17:03	1
M2-6:2 FTS	122		25 - 150	05/11/21 11:21	05/12/21 17:03	1
M2-8:2 FTS	108		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C3 HFPO-DA	97		25 - 150	05/11/21 11:21	05/12/21 17:03	1
13C2 10:2 FTS	88		25 - 150	05/11/21 11:21	05/12/21 17:03	1

Lab Sample ID: LCS 320-487940/2-A
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	2.00	2.03		ug/Kg		101	60 - 135
Perfluorohexanoic acid (PFHxA)	2.00	2.19		ug/Kg		110	60 - 135
Perfluoroheptanoic acid (PFHpA)	2.00	2.22		ug/Kg		111	60 - 135
Perfluorooctanoic acid (PFOA)	2.00	1.95		ug/Kg		97	60 - 135
Perfluorononanoic acid (PFNA)	2.00	1.93		ug/Kg		97	60 - 135
Perfluorodecanoic acid (PFDA)	2.00	1.79		ug/Kg		89	60 - 135
Perfluoroundecanoic acid (PFUnA)	2.00	1.87		ug/Kg		94	60 - 135
Perfluorododecanoic acid (PFDoA)	2.00	2.08		ug/Kg		104	60 - 135
Perfluorotridecanoic acid (PFTrDA)	2.00	1.83		ug/Kg		91	60 - 135
Perfluorotetradecanoic acid (PFTeA)	2.00	2.16		ug/Kg		108	60 - 135
Perfluorobutanesulfonic acid (PFBS)	1.77	1.85		ug/Kg		105	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	1.88	2.06		ug/Kg		110	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.68		ug/Kg		92	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	2.12		ug/Kg		112	60 - 135
Perfluorooctanesulfonic acid (PFOS)	1.86	1.83		ug/Kg		99	60 - 135
Perfluorononanesulfonic acid (PFNS)	1.92	2.05		ug/Kg		107	60 - 135
Perfluorodecanesulfonic acid (PFDS)	1.93	1.85		ug/Kg		96	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.77		ug/Kg		91	60 - 135
Perfluorooctanesulfonamide (FOSA)	2.00	2.05		ug/Kg		103	60 - 135
NEtFOSA	2.00	1.90		ug/Kg		95	60 - 135
NMeFOSA	2.00	2.12		ug/Kg		106	60 - 135
NMeFOSAA	2.00	2.13		ug/Kg		106	60 - 135
NEtFOSAA	2.00	1.70	J	ug/Kg		85	60 - 135
NMeFOSE	2.00	1.97		ug/Kg		99	60 - 135
NEtFOSE	2.00	2.00		ug/Kg		100	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: LCS 320-487940/2-A
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 487940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4:2 FTS	1.87	1.78	J	ug/Kg		95	60 - 135
6:2 FTS	1.90	1.84	J	ug/Kg		97	60 - 135
8:2 FTS	1.92	1.73	J	ug/Kg		90	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	1.95		ug/Kg		103	60 - 135
HFPO-DA (GenX)	2.00	2.20		ug/Kg		110	60 - 135
9CI-PF3ONS	1.86	1.75		ug/Kg		94	60 - 135
11CI-PF3OUdS	1.88	1.59		ug/Kg		84	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	99		25 - 150
13C5 PFPeA	100		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	104		25 - 150
13C4 PFOA	103		25 - 150
13C5 PFNA	99		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	92		25 - 150
13C2 PFDoA	95		25 - 150
13C2 PFTeDA	81		25 - 150
13C3 PFBS	90		25 - 150
18O2 PFHxS	97		25 - 150
13C4 PFOS	91		25 - 150
13C8 FOSA	84		10 - 150
d3-NMeFOSAA	86		25 - 150
d5-NEtFOSAA	89		25 - 150
d-N-MeFOSA-M	68		10 - 150
d-N-EtFOSA-M	57		10 - 150
d7-N-MeFOSE-M	87		10 - 150
d9-N-EtFOSE-M	80		10 - 150
M2-4:2 FTS	109		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	110		25 - 150
13C3 HFPO-DA	99		25 - 150
13C2 10:2 FTS	100		25 - 150

Lab Sample ID: 500-198702-33 MS
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: SB-234 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 487940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	<0.030		2.23	2.20		ug/Kg	☼	99	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.082		2.23	2.21		ug/Kg	☼	99	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.044		2.23	2.37		ug/Kg	☼	106	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.031		2.23	2.34		ug/Kg	☼	105	70 - 130
Perfluorooctanoic acid (PFOA)	0.67		2.23	2.82		ug/Kg	☼	97	70 - 130
Perfluorononanoic acid (PFNA)	0.039	J	2.23	2.41		ug/Kg	☼	106	70 - 130
Perfluorodecanoic acid (PFDA)	0.23		2.23	2.41		ug/Kg	☼	98	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-33 MS

Matrix: Solid

Analysis Batch: 488356

Client Sample ID: SB-234 (0.5-1.5)

Prep Type: Total/NA

Prep Batch: 487940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroundecanoic acid (PFUnA)	<0.038		2.23	1.99		ug/Kg	☼	89	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.071		2.23	2.25		ug/Kg	☼	101	70 - 130
Perfluorotridecanoic acid (PFTrDA)	<0.054		2.23	2.00		ug/Kg	☼	90	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.057		2.23	2.30		ug/Kg	☼	103	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.026		1.97	1.99		ug/Kg	☼	101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.021		2.09	2.25		ug/Kg	☼	108	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.033		2.03	1.91		ug/Kg	☼	94	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.037		2.12	2.36		ug/Kg	☼	111	70 - 130
Perfluorooctanesulfonic acid (PFOS)	0.66		2.07	2.65		ug/Kg	☼	96	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.021		2.14	2.15		ug/Kg	☼	100	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.041		2.15	1.92		ug/Kg	☼	89	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.064		2.16	2.01		ug/Kg	☼	93	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.087		2.23	2.13		ug/Kg	☼	96	70 - 130
NEtFOSA	<0.025		2.23	2.11		ug/Kg	☼	95	70 - 130
NMeFOSA	<0.043		2.23	2.25		ug/Kg	☼	101	70 - 130
NMeFOSAA	<0.41		2.23	2.28		ug/Kg	☼	102	70 - 130
NEtFOSAA	<0.39		2.23	2.04	J	ug/Kg	☼	92	70 - 130
NMeFOSE	<0.075		2.23	2.18		ug/Kg	☼	98	70 - 130
NEtFOSE	<0.038		2.23	2.03		ug/Kg	☼	91	70 - 130
4:2 FTS	<0.39		2.08	1.95	J	ug/Kg	☼	94	70 - 130
6:2 FTS	<0.16		2.11	1.91	J	ug/Kg	☼	90	70 - 130
8:2 FTS	<0.26		2.14	2.33		ug/Kg	☼	109	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019	F1	2.10	2.88	F1	ug/Kg	☼	137	70 - 130
HFPO-DA (GenX)	<0.12		2.23	2.34		ug/Kg	☼	105	70 - 130
9Cl-PF3ONS	<0.029		2.08	2.14		ug/Kg	☼	103	70 - 130
11Cl-PF3OUdS	<0.023		2.10	1.71		ug/Kg	☼	81	70 - 130
MS MS									
Isotope Dilution	%Recovery	Qualifier	Limits						
13C4 PFBA	99		25 - 150						
13C5 PFPeA	102		25 - 150						
13C2 PFHxA	97		25 - 150						
13C4 PFHpA	104		25 - 150						
13C4 PFOA	100		25 - 150						
13C5 PFNA	94		25 - 150						
13C2 PFDA	87		25 - 150						
13C2 PFUnA	97		25 - 150						
13C2 PFDoA	89		25 - 150						
13C2 PFTeDA	76		25 - 150						

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-33 MS
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: SB-234 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 487940

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
13C3 PFBS	78		25 - 150
18O2 PFHxS	82		25 - 150
13C4 PFOS	75		25 - 150
13C8 FOSA	86		10 - 150
d3-NMeFOSAA	91		25 - 150
d5-NEtFOSAA	93		25 - 150
d-N-MeFOSA-M	65		10 - 150
d-N-EtFOSA-M	64		10 - 150
d7-N-MeFOSE-M	93		10 - 150
d9-N-EtFOSE-M	90		10 - 150
M2-4:2 FTS	112		25 - 150
M2-6:2 FTS	118		25 - 150
M2-8:2 FTS	99		25 - 150
13C3 HFPO-DA	99		25 - 150
13C2 10:2 FTS	91		25 - 150

Lab Sample ID: 500-198702-33 MSD
Matrix: Solid
Analysis Batch: 488356

Client Sample ID: SB-234 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 487940

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
Perfluorobutanoic acid (PFBA)	<0.030		2.30	2.26		ug/Kg	☼	98	70 - 130	3	30
Perfluoropentanoic acid (PFPeA)	<0.082		2.30	2.43		ug/Kg	☼	106	70 - 130	9	30
Perfluorohexanoic acid (PFHxA)	<0.044		2.30	2.29		ug/Kg	☼	100	70 - 130	3	30
Perfluoroheptanoic acid (PFHpA)	<0.031		2.30	2.43		ug/Kg	☼	106	70 - 130	4	30
Perfluorooctanoic acid (PFOA)	0.67		2.30	3.05		ug/Kg	☼	104	70 - 130	8	30
Perfluorononanoic acid (PFNA)	0.039	J	2.30	2.22		ug/Kg	☼	95	70 - 130	8	30
Perfluorodecanoic acid (PFDA)	0.23		2.30	2.24		ug/Kg	☼	87	70 - 130	7	30
Perfluoroundecanoic acid (PFUnA)	<0.038		2.30	1.71		ug/Kg	☼	74	70 - 130	15	30
Perfluorododecanoic acid (PFDoA)	<0.071		2.30	2.36		ug/Kg	☼	103	70 - 130	5	30
Perfluorotridecanoic acid (PFTrDA)	<0.054		2.30	2.22		ug/Kg	☼	97	70 - 130	10	30
Perfluorotetradecanoic acid (PFTeA)	<0.057		2.30	2.34		ug/Kg	☼	102	70 - 130	1	30
Perfluorobutanesulfonic acid (PFBS)	<0.026		2.03	1.97		ug/Kg	☼	97	70 - 130	1	30
Perfluoropentanesulfonic acid (PFPeS)	<0.021		2.16	2.23		ug/Kg	☼	103	70 - 130	1	30
Perfluorohexanesulfonic acid (PFHxS)	<0.033		2.09	1.99		ug/Kg	☼	95	70 - 130	4	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.037		2.19	2.37		ug/Kg	☼	108	70 - 130	1	30
Perfluorooctanesulfonic acid (PFOS)	0.66		2.13	2.92		ug/Kg	☼	106	70 - 130	10	30
Perfluorononanesulfonic acid (PFNS)	<0.021		2.21	2.34		ug/Kg	☼	106	70 - 130	9	30
Perfluorodecanesulfonic acid (PFDS)	<0.041		2.22	2.13		ug/Kg	☼	96	70 - 130	11	30
Perfluorododecanesulfonic acid (PFDoS)	<0.064		2.23	2.05		ug/Kg	☼	92	70 - 130	2	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Lab Sample ID: 500-198702-33 MSD

Matrix: Solid

Analysis Batch: 488356

Client Sample ID: SB-234 (0.5-1.5)

Prep Type: Total/NA

Prep Batch: 487940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorooctanesulfonamide (FOSA)	<0.087		2.30	2.35		ug/Kg	⊛	102	70 - 130	10	30
NEtFOSA	<0.025		2.30	2.17		ug/Kg	⊛	94	70 - 130	3	30
NMeFOSA	<0.043		2.30	2.65		ug/Kg	⊛	115	70 - 130	16	30
NMeFOSAA	<0.41		2.30	2.33		ug/Kg	⊛	101	70 - 130	2	30
NEtFOSAA	<0.39		2.30	2.12	J	ug/Kg	⊛	92	70 - 130	4	30
NMeFOSE	<0.075		2.30	2.42		ug/Kg	⊛	105	70 - 130	10	30
NEtFOSE	<0.038		2.30	2.17		ug/Kg	⊛	94	70 - 130	7	30
4:2 FTS	<0.39		2.15	2.00	J	ug/Kg	⊛	93	70 - 130	2	30
6:2 FTS	<0.16		2.18	2.06	J	ug/Kg	⊛	94	70 - 130	8	30
8:2 FTS	<0.26		2.20	1.94	J	ug/Kg	⊛	88	70 - 130	18	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019	F1	2.17	2.84	F1	ug/Kg	⊛	131	70 - 130	1	30
HFPO-DA (GenX)	<0.12		2.30	2.27		ug/Kg	⊛	99	70 - 130	3	30
9Cl-PF3ONS	<0.029		2.14	2.24		ug/Kg	⊛	105	70 - 130	5	30
11Cl-PF3OUdS	<0.023		2.17	1.92		ug/Kg	⊛	89	70 - 130	12	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	96		25 - 150
13C5 PFPeA	102		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	102		25 - 150
13C4 PFOA	97		25 - 150
13C5 PFNA	108		25 - 150
13C2 PFDA	98		25 - 150
13C2 PFUnA	104		25 - 150
13C2 PFDoA	86		25 - 150
13C2 PFTeDA	81		25 - 150
13C3 PFBS	84		25 - 150
18O2 PFHxS	82		25 - 150
13C4 PFOS	75		25 - 150
13C8 FOSA	89		10 - 150
d3-NMeFOSAA	90		25 - 150
d5-NEtFOSAA	94		25 - 150
d-N-MeFOSA-M	64		10 - 150
d-N-EtFOSA-M	66		10 - 150
d7-N-MeFOSE-M	89		10 - 150
d9-N-EtFOSE-M	91		10 - 150
M2-4:2 FTS	103		25 - 150
M2-6:2 FTS	112		25 - 150
M2-8:2 FTS	113		25 - 150
13C3 HFPO-DA	102		25 - 150
13C2 10:2 FTS	86		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-598719/1-A
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598719

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	<8.2		20	8.2	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Barium	<0.11		1.0	0.11	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Cadmium	0.0649	J	0.20	0.036	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Copper	<0.28		1.0	0.28	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Iron	<10		20	10	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Lead	<0.23		0.50	0.23	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Silver	<0.13		0.50	0.13	mg/Kg		05/13/21 17:18	05/14/21 10:01	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/13/21 17:18	05/14/21 10:01	1

Lab Sample ID: LCS 500-598719/2-A
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	50.4		mg/Kg		101	80 - 120
Arsenic	10.0	9.51		mg/Kg		95	80 - 120
Barium	200	199		mg/Kg		99	80 - 120
Cadmium	5.00	4.78		mg/Kg		96	80 - 120
Chromium	20.0	19.3		mg/Kg		96	80 - 120
Copper	25.0	25.6		mg/Kg		102	80 - 120
Iron	100	103		mg/Kg		103	80 - 120
Lead	10.0	9.78		mg/Kg		98	80 - 120
Manganese	50.0	47.6		mg/Kg		95	80 - 120
Nickel	50.0	49.7		mg/Kg		99	80 - 120
Selenium	10.0	8.92		mg/Kg		89	80 - 120
Silver	5.00	4.78		mg/Kg		96	80 - 120
Thallium	10.0	9.75		mg/Kg		98	80 - 120

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Antimony	<0.41	F1	53.8	18.6	F1	mg/Kg	⊛	35	75 - 125
Arsenic	2.1		10.8	11.0		mg/Kg	⊛	83	75 - 125
Barium	31		215	221		mg/Kg	⊛	88	75 - 125
Cadmium	0.077	J B	5.38	4.49		mg/Kg	⊛	82	75 - 125
Chromium	12		21.5	34.4		mg/Kg	⊛	102	75 - 125
Copper	6.9		26.9	33.2		mg/Kg	⊛	98	75 - 125
Iron	12000		108	13300	4	mg/Kg	⊛	1467	75 - 125
Lead	4.3		10.8	15.4		mg/Kg	⊛	103	75 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598719

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Manganese	420		53.8	317	4	mg/Kg	⊛	-187	75 - 125	
Nickel	11		53.8	66.3		mg/Kg	⊛	102	75 - 125	
Selenium	<0.62		10.8	8.14		mg/Kg	⊛	76	75 - 125	
Silver	0.20	J	5.38	4.80		mg/Kg	⊛	86	75 - 125	
Thallium	0.95	J	10.8	11.1		mg/Kg	⊛	95	75 - 125	

Lab Sample ID: 500-198702-1 MSD
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598719

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	
Aluminum	6700		222	9720	4	mg/Kg	⊛	1358	75 - 125	14	20	
Antimony	<0.41	F1	55.4	19.3	F1	mg/Kg	⊛	35	75 - 125	4	20	
Arsenic	2.1		11.1	11.3		mg/Kg	⊛	83	75 - 125	2	20	
Barium	31		222	220		mg/Kg	⊛	85	75 - 125	0	20	
Cadmium	0.077	J B	5.54	4.55		mg/Kg	⊛	81	75 - 125	1	20	
Chromium	12		22.2	33.0		mg/Kg	⊛	93	75 - 125	4	20	
Copper	6.9		27.7	32.0		mg/Kg	⊛	90	75 - 125	4	20	
Iron	12000		111	12100	4	mg/Kg	⊛	409	75 - 125	9	20	
Lead	4.3		11.1	15.5		mg/Kg	⊛	100	75 - 125	1	20	
Manganese	420		55.4	360	4	mg/Kg	⊛	-105	75 - 125	12	20	
Nickel	11		55.4	65.8		mg/Kg	⊛	98	75 - 125	1	20	
Selenium	<0.62		11.1	8.60		mg/Kg	⊛	78	75 - 125	6	20	
Silver	0.20	J	5.54	4.94		mg/Kg	⊛	86	75 - 125	3	20	
Thallium	0.95	J	11.1	11.3		mg/Kg	⊛	93	75 - 125	1	20	

Lab Sample ID: 500-198702-1 DU
Matrix: Solid
Analysis Batch: 598959

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598719

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier		Result				
Aluminum	6700		6790		mg/Kg	⊛	1	20
Antimony	<0.41	F1	<0.40		mg/Kg	⊛	NC	20
Arsenic	2.1		2.17		mg/Kg	⊛	3	20
Barium	31		24.2	F3	mg/Kg	⊛	26	20
Cadmium	0.077	J B	<0.037		mg/Kg	⊛	NC	20
Chromium	12		12.4		mg/Kg	⊛	0.5	20
Copper	6.9		7.15		mg/Kg	⊛	3	20
Iron	12000		11700		mg/Kg	⊛	0	20
Lead	4.3		3.45	F3	mg/Kg	⊛	23	20
Manganese	420		237	F3	mg/Kg	⊛	55	20
Nickel	11		10.9		mg/Kg	⊛	5	20
Selenium	<0.62		<0.60		mg/Kg	⊛	NC	20
Silver	0.20	J	0.202	J	mg/Kg	⊛	3	20
Thallium	0.95	J	0.803	J	mg/Kg	⊛	17	20

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 500-598720/1-A
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598720

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	<8.2		20	8.2	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Barium	<0.11		1.0	0.11	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Cadmium	<0.036		0.20	0.036	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Copper	<0.28		1.0	0.28	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Iron	15.2	J	20	10	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Lead	<0.23		0.50	0.23	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Silver	<0.13		0.50	0.13	mg/Kg		05/13/21 17:31	05/14/21 13:08	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/13/21 17:31	05/14/21 13:08	1

Lab Sample ID: LCS 500-598720/2-A
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598720

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	50.1		mg/Kg		100	80 - 120
Arsenic	10.0	9.46		mg/Kg		95	80 - 120
Barium	200	195		mg/Kg		97	80 - 120
Cadmium	5.00	4.74		mg/Kg		95	80 - 120
Chromium	20.0	18.9		mg/Kg		95	80 - 120
Copper	25.0	25.5		mg/Kg		102	80 - 120
Iron	100	106		mg/Kg		106	80 - 120
Lead	10.0	9.56		mg/Kg		96	80 - 120
Manganese	50.0	45.3		mg/Kg		91	80 - 120
Nickel	50.0	49.2		mg/Kg		98	80 - 120
Selenium	10.0	9.09		mg/Kg		91	80 - 120
Silver	5.00	4.73		mg/Kg		95	80 - 120
Thallium	10.0	9.83		mg/Kg		98	80 - 120

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598720

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	11000		200	13600	4	mg/Kg	⊛	1536	75 - 125
Antimony	0.46	J F1	50.1	15.1	F1	mg/Kg	⊛	29	75 - 125
Arsenic	2.9		10.0	11.5		mg/Kg	⊛	86	75 - 125
Barium	48		200	224		mg/Kg	⊛	88	75 - 125
Cadmium	0.14	J	5.01	4.30		mg/Kg	⊛	83	75 - 125
Chromium	17		20.0	35.1		mg/Kg	⊛	90	75 - 125
Copper	16		25.0	39.2		mg/Kg	⊛	91	75 - 125
Iron	14000	B F2	100	14400	4	mg/Kg	⊛	-30	75 - 125
Lead	68	F2	10.0	68.4	4	mg/Kg	⊛	9	75 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598720

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Manganese	360		50.1	292	4	mg/Kg	⊛	-126	75 - 125	
Nickel	16		50.1	65.2		mg/Kg	⊛	98	75 - 125	
Selenium	<0.64		10.0	7.64		mg/Kg	⊛	76	75 - 125	
Silver	0.22	J	5.01	4.62		mg/Kg	⊛	88	75 - 125	
Thallium	1.0	J	10.0	10.1		mg/Kg	⊛	91	75 - 125	

Lab Sample ID: 500-198702-4 MSD
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598720

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	
Aluminum	11000		217	16200	4	mg/Kg	⊛	2606	75 - 125	17	20	
Antimony	0.46	J F1	54.2	14.5	F1	mg/Kg	⊛	26	75 - 125	4	20	
Arsenic	2.9		10.8	12.2		mg/Kg	⊛	86	75 - 125	6	20	
Barium	48		217	242		mg/Kg	⊛	89	75 - 125	8	20	
Cadmium	0.14	J	5.42	4.54		mg/Kg	⊛	81	75 - 125	5	20	
Chromium	17		21.7	40.2		mg/Kg	⊛	107	75 - 125	14	20	
Copper	16		27.1	42.0		mg/Kg	⊛	94	75 - 125	7	20	
Iron	14000	B F2	108	17700	4 F2	mg/Kg	⊛	3006	75 - 125	21	20	
Lead	68	F2	10.8	142	4 F2	mg/Kg	⊛	683	75 - 125	70	20	
Manganese	360		54.2	335	4	mg/Kg	⊛	-38	75 - 125	14	20	
Nickel	16		54.2	71.9		mg/Kg	⊛	103	75 - 125	10	20	
Selenium	<0.64		10.8	8.32		mg/Kg	⊛	77	75 - 125	9	20	
Silver	0.22	J	5.42	4.94		mg/Kg	⊛	87	75 - 125	7	20	
Thallium	1.0	J	10.8	11.2		mg/Kg	⊛	94	75 - 125	10	20	

Lab Sample ID: 500-198702-4 DU
Matrix: Solid
Analysis Batch: 599203

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598720

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Aluminum	11000		13300	F3	mg/Kg	⊛	23	20
Antimony	0.46	J F1	<0.43		mg/Kg	⊛	NC	20
Arsenic	2.9		3.24		mg/Kg	⊛	12	20
Barium	48		59.3	F3	mg/Kg	⊛	21	20
Cadmium	0.14	J	0.0841	J F5	mg/Kg	⊛	50	20
Chromium	17		22.3	F3	mg/Kg	⊛	27	20
Copper	16		18.7		mg/Kg	⊛	13	20
Iron	14000	B F2	18000	F3	mg/Kg	⊛	22	20
Lead	68	F2	24.4	F3	mg/Kg	⊛	94	20
Manganese	360		507	F3	mg/Kg	⊛	35	20
Nickel	16		20.7	F3	mg/Kg	⊛	24	20
Selenium	<0.64		<0.66		mg/Kg	⊛	NC	20
Silver	0.22	J	0.334	J F5	mg/Kg	⊛	42	20
Thallium	1.0	J	1.48	F5	mg/Kg	⊛	35	20

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 500-599068/1-A
Matrix: Solid
Analysis Batch: 599473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599068

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	<8.2		20	8.2	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Barium	<0.11		1.0	0.11	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Cadmium	<0.036		0.20	0.036	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Copper	<0.28		1.0	0.28	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Iron	<10		20	10	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Lead	<0.23		0.50	0.23	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Silver	<0.13		0.50	0.13	mg/Kg		05/16/21 06:03	05/17/21 09:49	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/16/21 06:03	05/17/21 09:49	1

Lab Sample ID: LCS 500-599068/2-A
Matrix: Solid
Analysis Batch: 599473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	50.0	50.2		mg/Kg		100	80 - 120
Arsenic	10.0	9.50		mg/Kg		95	80 - 120
Barium	200	200		mg/Kg		100	80 - 120
Cadmium	5.00	4.83		mg/Kg		97	80 - 120
Chromium	20.0	19.9		mg/Kg		100	80 - 120
Copper	25.0	25.3		mg/Kg		101	80 - 120
Iron	100	112		mg/Kg		112	80 - 120
Lead	10.0	9.80		mg/Kg		98	80 - 120
Manganese	50.0	48.0		mg/Kg		96	80 - 120
Nickel	50.0	49.9		mg/Kg		100	80 - 120
Selenium	10.0	8.68		mg/Kg		87	80 - 120
Silver	5.00	5.02		mg/Kg		100	80 - 120
Thallium	10.0	9.57		mg/Kg		96	80 - 120

Lab Sample ID: 500-198702-18 MS
Matrix: Solid
Analysis Batch: 599473

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 599068

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aluminum	3300	V	248	5050	4	mg/Kg	☼	719	75 - 125
Antimony	<0.47	F1	62.1	43.2	F1	mg/Kg	☼	70	75 - 125
Arsenic	1.2		12.4	13.5		mg/Kg	☼	99	75 - 125
Barium	16	V	248	249		mg/Kg	☼	94	75 - 125
Cadmium	0.15	J	6.21	6.09		mg/Kg	☼	96	75 - 125
Chromium	7.5		24.8	30.0		mg/Kg	☼	91	75 - 125
Copper	16		31.0	47.6		mg/Kg	☼	102	75 - 125
Iron	8600	V	124	8710	4	mg/Kg	☼	75	75 - 125
Lead	18	V	12.4	31.0		mg/Kg	☼	101	75 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-198702-18 MS

Matrix: Solid
Analysis Batch: 599473

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA
Prep Batch: 599068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	160	V	62.1	221		mg/Kg	⊛	92	75 - 125
Nickel	7.6		62.1	68.4		mg/Kg	⊛	98	75 - 125
Selenium	<0.71		12.4	10.8		mg/Kg	⊛	87	75 - 125
Silver	0.24	J	6.21	6.39		mg/Kg	⊛	99	75 - 125
Thallium	<0.60		12.4	12.0		mg/Kg	⊛	97	75 - 125

Lab Sample ID: 500-198702-18 MSD

Matrix: Solid
Analysis Batch: 599473

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA
Prep Batch: 599068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	3300	V	242	5230	4	mg/Kg	⊛	814	75 - 125	4	20
Antimony	<0.47	F1	60.6	40.1	F1	mg/Kg	⊛	66	75 - 125	7	20
Arsenic	1.2		12.1	13.0		mg/Kg	⊛	97	75 - 125	4	20
Barium	16	V	242	245		mg/Kg	⊛	94	75 - 125	2	20
Cadmium	0.15	J	6.06	5.75		mg/Kg	⊛	92	75 - 125	6	20
Chromium	7.5		24.2	28.5		mg/Kg	⊛	87	75 - 125	5	20
Copper	16		30.3	46.1		mg/Kg	⊛	100	75 - 125	3	20
Iron	8600	V	121	9590	4	mg/Kg	⊛	807	75 - 125	10	20
Lead	18	V	12.1	32.5		mg/Kg	⊛	116	75 - 125	5	20
Manganese	160	V	60.6	209		mg/Kg	⊛	75	75 - 125	6	20
Nickel	7.6		60.6	66.0		mg/Kg	⊛	96	75 - 125	4	20
Selenium	<0.71		12.1	10.0		mg/Kg	⊛	83	75 - 125	8	20
Silver	0.24	J	6.06	5.92		mg/Kg	⊛	94	75 - 125	8	20
Thallium	<0.60		12.1	11.4		mg/Kg	⊛	94	75 - 125	5	20

Lab Sample ID: 500-198702-18 DU

Matrix: Solid
Analysis Batch: 599473

Client Sample ID: SB-209 (0.5-1.75)

Prep Type: Total/NA
Prep Batch: 599068

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	3300	V	3200		mg/Kg	⊛	2	20
Antimony	<0.47	F1	<0.45		mg/Kg	⊛	NC	20
Arsenic	1.2		1.21		mg/Kg	⊛	3	20
Barium	16	V	16.0		mg/Kg	⊛	2	20
Cadmium	0.15	J	0.161	J	mg/Kg	⊛	8	20
Chromium	7.5		6.77		mg/Kg	⊛	10	20
Copper	16		15.9		mg/Kg	⊛	0.8	20
Iron	8600	V	8130		mg/Kg	⊛	6	20
Lead	18	V	16.3		mg/Kg	⊛	12	20
Manganese	160	V	138		mg/Kg	⊛	17	20
Nickel	7.6		6.67		mg/Kg	⊛	13	20
Selenium	<0.71		<0.68		mg/Kg	⊛	NC	20
Silver	0.24	J	0.196	J F5	mg/Kg	⊛	21	20
Thallium	<0.60		0.593	J	mg/Kg	⊛	NC	20

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-598899/12-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/14/21 14:30	05/17/21 06:57	1

Lab Sample ID: LCS 500-598899/13-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.168		mg/Kg		101	80 - 120

Lab Sample ID: 500-198702-1 MS
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.022	F1 F2	0.0909	0.227	F1	mg/Kg	☼	226	75 - 125

Lab Sample ID: 500-198702-1 MSD
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.022	F1 F2	0.0908	0.123	F2	mg/Kg	☼	112	75 - 125	59	20

Lab Sample ID: 500-198702-4 MS
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.12	F1	0.0912	0.170	F1	mg/Kg	☼	53	75 - 125

Lab Sample ID: 500-198702-4 MSD
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.12	F1	0.0913	0.169	F1	mg/Kg	☼	52	75 - 125	0	20

Lab Sample ID: 500-198702-1 DU
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-213 (1-2)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.022	F1 F2	0.0204		mg/Kg	☼	7	20

Lab Sample ID: 500-198702-4 DU
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-222 (2-4)
Prep Type: Total/NA
Prep Batch: 598899

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.12	F1	0.100		mg/Kg	☼	19	20

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-598901/12-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/14/21 14:30	05/17/21 08:00	1

Lab Sample ID: LCS 500-598901/13-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.164		mg/Kg		98	80 - 120

Lab Sample ID: 500-198702-18 MS
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.019		0.0965	0.111		mg/Kg	⊛	96	75 - 125

Lab Sample ID: 500-198702-18 MSD
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598901

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.019		0.0965	0.111		mg/Kg	⊛	96	75 - 125	0	20

Lab Sample ID: 500-198702-18 DU
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: SB-209 (0.5-1.75)
Prep Type: Total/NA
Prep Batch: 598901

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.019		0.0103	J F5	mg/Kg	⊛	60	20

Lab Sample ID: MB 500-598937/12-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 598937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/14/21 14:30	05/17/21 09:00	1

Lab Sample ID: LCS 500-598937/13-A
Matrix: Solid
Analysis Batch: 599257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 598937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.159		mg/Kg		95	80 - 120

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-213 (1-2)

Lab Sample ID: 500-198702-1

Date Collected: 05/03/21 10:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597325	05/03/21 10:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 01:40	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 21:17	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 19:21	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 17:14	K1S	TAL SAC
Total/NA	Prep	3050B			598719	05/13/21 17:18	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598959	05/14/21 10:07	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:29	MJG	TAL CHI

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-213 (11-12)

Lab Sample ID: 500-198702-2

Date Collected: 05/03/21 10:45

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:11	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 04:46	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		10	599006	05/15/21 06:20	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 20:07	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 17:42	K1S	TAL SAC
Total/NA	Prep	3050B			598719	05/13/21 17:18	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598959	05/14/21 10:23	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:36	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-213 (12-13)

Lab Sample ID: 500-198702-3

Date Collected: 05/03/21 10:50

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:13	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 03:53	PMF	TAL CHI
Total/NA	Prep	5030B	DL		597569	05/07/21 20:13	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	598654	05/14/21 04:19	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		10	599006	05/15/21 06:40	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 20:23	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	489473	05/16/21 05:19	RS1	TAL SAC
Total/NA	Prep	3050B			598719	05/13/21 17:18	LMN	TAL CHI
Total/NA	Analysis	6010B		1	598959	05/14/21 10:26	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:39	MJG	TAL CHI

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Date Collected: 05/03/21 12:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-222 (2-4)

Lab Sample ID: 500-198702-4

Date Collected: 05/03/21 12:00

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:14	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 02:07	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 22:18	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 20:38	SS	TAL CHI
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 13:25	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:40	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-222 (7-8)

Date Collected: 05/03/21 12:05

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-222 (7-8)

Date Collected: 05/03/21 12:05

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-5

Matrix: Solid

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597325	05/03/21 12:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 02:34	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/14/21 01:24	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 21:25	SS	TAL CHI
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 13:40	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:52	MJG	TAL CHI

Client Sample ID: SB-222 (11-12)

Date Collected: 05/03/21 12:10

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-222 (11-12)

Date Collected: 05/03/21 12:10

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-6

Matrix: Solid

Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:18	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 03:00	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 22:39	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 21:40	SS	TAL CHI
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 13:44	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:54	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-221 (16-17)

Date Collected: 05/03/21 12:40

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-221 (16-17)

Date Collected: 05/03/21 12:40

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-7

Matrix: Solid

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598654	05/14/21 03:26	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 23:00	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 21:55	SS	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 18:16	RS1	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 13:47	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:56	MJG	TAL CHI

Client Sample ID: FB-03-210503

Date Collected: 05/03/21 13:20

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			487829	05/11/21 04:34	NSS	TAL SAC
Total/NA	Analysis	537 (modified)		1	488140	05/12/21 07:38	K1S	TAL SAC

Client Sample ID: SB-220 (11-12)

Date Collected: 05/03/21 14:15

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-220 (11-12)

Date Collected: 05/03/21 14:15

Date Received: 05/06/21 07:59

Lab Sample ID: 500-198702-9

Matrix: Solid

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:21	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598847	05/14/21 16:00	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 23:20	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 22:11	SS	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-220 (11-12)

Lab Sample ID: 500-198702-9

Date Collected: 05/03/21 14:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 18:26	RS1	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 13:50	JJB	TAL CHI
Total/NA	Prep	7471B			598899	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 07:58	MJG	TAL CHI

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-206 (3-4)

Lab Sample ID: 500-198702-10

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:22	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598847	05/14/21 16:25	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/13/21 23:41	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 22:26	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 18:01	K1S	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 14:00	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:17	MJG	TAL CHI

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:24	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598847	05/14/21 16:51	PMF	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-05-210503

Lab Sample ID: 500-198702-11

Date Collected: 05/03/21 15:40

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/14/21 00:02	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 22:42	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 18:10	K1S	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 14:03	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:19	MJG	TAL CHI

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-233 (2-3)

Lab Sample ID: 500-198702-12

Date Collected: 05/04/21 10:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 10:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598842	05/14/21 20:18	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/14/21 00:22	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 22:57	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 18:19	K1S	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 14:06	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:21	MJG	TAL CHI

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-233 (6-7)

Lab Sample ID: 500-198702-13

Date Collected: 05/04/21 10:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			597569	05/07/21 20:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	598842	05/14/21 20:45	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/14/21 00:42	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 23:13	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 18:57	K1S	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 14:09	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:23	MJG	TAL CHI

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-233 (8-9)

Lab Sample ID: 500-198702-14

Date Collected: 05/04/21 10:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 10:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 14:17	PMF	TAL CHI
Total/NA	Prep	3541			598578	05/13/21 08:04	BSO	TAL CHI
Total/NA	Analysis	8270D		1	598721	05/14/21 01:03	SS	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 23:28	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 19:07	K1S	TAL SAC
Total/NA	Prep	3050B			598720	05/13/21 17:31	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599203	05/14/21 14:12	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:24	MJG	TAL CHI

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Date Collected: 05/04/21 12:20

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-219 (2-3)

Lab Sample ID: 500-198702-15

Date Collected: 05/04/21 12:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 12:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 14:44	PMF	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 23:43	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 19:16	K1S	TAL SAC

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Date Collected: 05/04/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598706	05/13/21 16:10	LWN	TAL CHI

Client Sample ID: SB-219 (5.5-6.5)

Lab Sample ID: 500-198702-16

Date Collected: 05/04/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 15:12	PMF	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/14/21 23:58	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 19:25	K1S	TAL SAC

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Date Collected: 05/04/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-219 (9-10)

Lab Sample ID: 500-198702-17

Date Collected: 05/04/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 15:39	PMF	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/15/21 00:14	SS	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	490416	05/18/21 16:59	JY1	TAL SAC

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Date Collected: 05/04/21 13:20

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-209 (0.5-1.75)

Lab Sample ID: 500-198702-18

Date Collected: 05/04/21 13:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 13:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 16:06	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 17:19	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 14:59	JB	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:11	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:26	MJG	TAL CHI

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Date Collected: 05/04/21 13:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-209 (6-7)

Lab Sample ID: 500-198702-19

Date Collected: 05/04/21 13:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 13:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 16:33	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 14:06	AJD	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/15/21 00:29	SS	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:33	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:38	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Date Collected: 05/04/21 15:20

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-205 (1-2)

Lab Sample ID: 500-198702-20

Date Collected: 05/04/21 15:20

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 15:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 17:00	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 14:28	AJD	TAL CHI
Total/NA	Prep	3541			598827	05/14/21 07:33	BSO	TAL CHI
Total/NA	Analysis	8082A		1	599002	05/15/21 00:45	SS	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:36	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:40	MJG	TAL CHI

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Date Collected: 05/04/21 15:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-205 (7-8)

Lab Sample ID: 500-198702-21

Date Collected: 05/04/21 15:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 15:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 17:28	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 14:49	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 15:45	JB	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:39	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:42	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: TB-04-210505

Lab Sample ID: 500-198702-22

Date Collected: 05/03/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/03/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 11:07	PMF	TAL CHI

Client Sample ID: TB-05-210505

Lab Sample ID: 500-198702-23

Date Collected: 05/04/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/04/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 11:34	PMF	TAL CHI

Client Sample ID: TB-06-210505

Lab Sample ID: 500-198702-24

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 12:01	PMF	TAL CHI

Client Sample ID: TB-07-210505

Lab Sample ID: 500-198702-25

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 12:28	PMF	TAL CHI

Client Sample ID: TB-08-210505

Lab Sample ID: 500-198702-26

Date Collected: 05/05/21 00:00

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 12:56	PMF	TAL CHI

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Date Collected: 05/05/21 10:05

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-207 (3-4)

Lab Sample ID: 500-198702-27

Date Collected: 05/05/21 10:05

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 10:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 17:55	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 15:10	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 16:01	JB	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:42	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:44	MJG	TAL CHI

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Date Collected: 05/05/21 10:10

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-207 (7-8)

Lab Sample ID: 500-198702-28

Date Collected: 05/05/21 10:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 10:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 18:22	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 15:32	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 16:16	JB	TAL CHI
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:45	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:46	MJG	TAL CHI

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-212 (1-2)

Lab Sample ID: 500-198702-29

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597326	05/05/21 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599078	05/16/21 18:49	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 15:53	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 16:31	JBj	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 19:44	K1S	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 10:48	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:47	MJG	TAL CHI

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-212 (6-7)

Lab Sample ID: 500-198702-30

Date Collected: 05/05/21 12:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 15:35	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 16:14	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 16:47	JBj	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	490416	05/18/21 17:18	JY1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:05	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:49	MJG	TAL CHI

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-07-210505

Lab Sample ID: 500-198702-31

Date Collected: 05/05/21 12:25

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 16:05	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		5	599006	05/15/21 07:01	SS	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 17:02	JB	TAL CHI
Total/NA	Prep	SHAKE			487621	05/10/21 11:33	AM	TAL SAC
Total/NA	Analysis	537 (modified)		1	488055	05/11/21 20:03	K1S	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:08	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:51	MJG	TAL CHI

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-212 (8-9)

Lab Sample ID: 500-198702-32

Date Collected: 05/05/21 12:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 12:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 16:33	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	598863	05/14/21 16:57	AJD	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		100	599360	05/17/21 22:16	SS	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 19:02	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:12	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:53	MJG	TAL CHI

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-234 (0.5-1.5)

Lab Sample ID: 500-198702-33

Date Collected: 05/05/21 13:30

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 17:01	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	599006	05/15/21 03:13	SS	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 17:33	JBj	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 19:11	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:15	JJB	TAL CHI
Total/NA	Prep	7471B			598901	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 08:58	MJG	TAL CHI

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-234 (8-9)

Lab Sample ID: 500-198702-34

Date Collected: 05/05/21 13:35

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 13:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 17:29	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	599006	05/15/21 03:34	SS	TAL CHI
Total/NA	Prep	3541			599012	05/14/21 19:33	ACK	TAL CHI
Total/NA	Analysis	8082A		1	599260	05/17/21 17:48	JBj	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 19:39	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:18	JJB	TAL CHI
Total/NA	Prep	7471B			598937	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 09:04	MJG	TAL CHI

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: SB-208 (3-4)

Lab Sample ID: 500-198702-35

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 17:58	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	599006	05/15/21 03:54	SS	TAL CHI
Total/NA	Prep	3541			599127	05/17/21 06:02	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599515	05/18/21 10:57	JBj	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 19:48	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:21	JJB	TAL CHI
Total/NA	Prep	7471B			598937	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 09:06	MJG	TAL CHI

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Client Sample ID: SB-208 (8-9)

Lab Sample ID: 500-198702-36

Date Collected: 05/05/21 11:15

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 11:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 18:26	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	599006	05/15/21 04:15	SS	TAL CHI
Total/NA	Prep	3541			599127	05/17/21 06:02	DAK	TAL CHI
Total/NA	Analysis	8082A		1	599515	05/18/21 11:12	JBj	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 19:57	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:24	JJB	TAL CHI
Total/NA	Prep	7471B			598937	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 09:08	MJG	TAL CHI

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	598810	05/14/21 08:44	LWN	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Client Sample ID: DUP-06-210505

Lab Sample ID: 500-198702-37

Date Collected: 05/05/21 11:10

Matrix: Solid

Date Received: 05/06/21 07:59

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597327	05/05/21 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599178	05/17/21 18:55	PMF	TAL CHI
Total/NA	Prep	3541			598737	05/13/21 18:56	ACK	TAL CHI
Total/NA	Analysis	8270D		1	599006	05/15/21 04:36	SS	TAL CHI
Total/NA	Prep	3541			599066	05/15/21 13:54	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599209	05/17/21 09:57	JB	TAL CHI
Total/NA	Prep	SHAKE			487940	05/11/21 11:21	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	488356	05/12/21 20:06	RS1	TAL SAC
Total/NA	Prep	3050B			599068	05/16/21 06:03	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599473	05/17/21 11:27	JJB	TAL CHI
Total/NA	Prep	7471B			598937	05/14/21 14:30	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599257	05/17/21 09:09	MJG	TAL CHI

Client Sample ID: FB-04-210504

Lab Sample ID: 500-198702-38

Date Collected: 05/04/21 13:50

Matrix: Water

Date Received: 05/06/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			487829	05/11/21 04:34	NSS	TAL SAC
Total/NA	Analysis	537 (modified)		1	488140	05/12/21 07:47	K1S	TAL SAC

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 Plant No 9 - 1690019647

Job ID: 500-198702-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

Laboratory: Eurofins TestAmerica, Sacramento

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

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

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Eurofins TestAmerica, Chicago

2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Test ng
Americ.

Client Information		Sampler Liz Bowcki		Lab PM Fredrick Sande		Carrier Tracking No(s)		COC No. 500-90534-40477 4					
Client Contact Paul Lindquist		Phone 262-758-1488		E-Mail sandra.fredrick@eurofinset.com		State of Origin Wisconsin		Page Page 1 of 3 34					
Company Ramboll US Corporation		PWSID#		Analysis Requested				Job # 500-198702					
Address 234 W Florida Street Fifth Floor		Due Date Requested						Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		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) 10-Day TAT											
State, Zip WI 53204		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone 262-901-3507(Tel)		PO # 1690019647		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)							
Email plindquist@ramboll.com		WO #											
Project Name Former Mirro Plant No 9 - 1690019647		Project # 50018382		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)							
Site Former Mirro Plant No.9		SSOW#											
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=waste/oli, BT=Tissue A=Air)		Preservation Code		8260B - VOC 8082A PCB 8270D - PAH 6010B, 7471B PFC_IDA_WI - PFAS Extended List (36 Analytes) 8260B - VOC (VDA Vial) PFC_IDA_WI - PFAS Extended List (33 Analytes)		Total Number of Containers		Special Instructions/Note					
										N N N N N F N			
1 SB-213 (1-2)		5.3.2021 1040		G		S		X X X X X X		collected additional volume for MS/MSD			
2 SB-213 (11-12)		5.3.2021 1045		G		S		X X X X X X					
3 SB-213 (12-13)		5.3.2021 1050		G		S		X X X X X X					
4 SB-222 (2-4)		5.3.2021 1200		G		S		X X X X X		collected additional volume for MS/MSD			
5 SB-222 (7-8)		5.3.2021 1205		G		S		X X X X X					
6 SB-222 (11-12)		5.3.2021 1210		G		S		X X X X X					
7 SB-221 (16-17)		5.3.2021 1240		G		S		X X X X X X					
8 FB-03-210503		5.3.2021 1320		G		W				X			
9 SB-220 (11-12)		5.3.2021 1415		G		S		X X X X X X		X X			
10 SB-206 (3-4)		5.3.2021 1540		G		S		X X X X X X		X X			
11 DUP-05-210503		5.3.2021 1540		G		S		X X X X X X		X X			
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 Liz Bowcki for Mir		Date/Time 5-5-2021 1400		Company Ramboll		Received by Paul Jung		Date/Time 5/5/2021 1400		Company RAMBOLL			
Relinquished by Paul Jung		Date/Time 5/5/2021 1600		Company RAMBOLL		Received by Jung		Date/Time 5-5-21 1600		Company JA			
Relinquished by Paul Jung		Date/Time 5-5-21 1700		Company JA		Received by Paul Jung		Date/Time 5/6/21 0950		Company RAMBOLL			
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 4.4, 3.2, 2.1, 3.8, 2.3, 3.7									

Eurofins TestAmerica, Chicago

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University Park IL 60484
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Chain of Custody Record

eurofins Environment Testing America

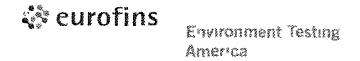
500-198702

Client Information		Sampler Liz Bonucki	Lab PM Fredrick Sandie	Carrier Tracking No(s)	COC No. 500-90534-40477 5											
Client Contact Paul Lindquist		Phone 262-758-1488	E-Mail sandra.fredrick@eurofinset.com	State of Origin Wisconsin	Page 2 of 2											
Company Ramboll US Corporation		PWSID	Analysis Requested		Job #: 1690019647											
Address 234 W Florida Street Fifth Floor		Due Date Requested	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260B - VOC (DRY WEIGHT) 8082A PCB 8270D - PAH 6010B 7471B PFC_IDA_WI PFAS Extended List (36 Analytes) 8260B VOC (IDA Vial) PFC_IDA_WI PFAS Extended List (33 Analytes)		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) 10 - Day TAT				Total Number of Containers	Special Instructions/Note									
State, Zip WI 53204		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No														
Phone 262-901-3507(Tel)		PO # 1690019647														
Email plindquist@ramboll.com		WO #														
Project Name Former Mirro Plant No 9 - 1690019647		Project # 50018382														
Site Former Mirro Plant No. 9		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)	8260B - VOC (DRY WEIGHT)	8082A PCB	8270D - PAH	6010B 7471B	PFC_IDA_WI PFAS Extended List (36 Analytes)	8260B VOC (IDA Vial)	PFC_IDA_WI PFAS Extended List (33 Analytes)	Total Number of Containers	Special Instructions/Note
12	SB-233 (2-3)	5-4-2021	1015	G	S			X	X	X	X		X	X		
13	SB-233 (6-7)	5-4-2021	1020	G	S			X	X	X	X		X	X		
14	SB-233 (8-9)	5-4-2021	1025	G	S			X	X	X	X		X	X		
15	SB-219 (2-3)	5-4-2021	1220	G	S			X	X				X	X		
16	SB-219 (5.5-6.5)	5-4-2021	1225	G	S			X	X				X	X		
17	SB-219 (9-10)	5-4-2021	1230	G	S			X	X				X	X		
18	SB-207 (0.5-1.75)	5-4-2021	1320	G	S			X	X	X	X		X			Collected additional volume as MS/MSD
19	SB-209 (6-7)	5-4-2021	1325	G	S			X	X	X	X		X			
20	SB-205 (1-2)	5-4-2021	1620	G	S			X	X	X	X		X			
21	SB-205 (7-8)	5-4-2021	1525	G	S			X	X	X	X		X			
22	TB-04-210505												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 Liz Bonucki & Paul				Date/Time 5-5-2021 / 1400		Company Ramboll		Received by Paul J...		Date/Time 5/5/2021 1400		Company RAMBOLL				
Relinquished by Paul J...				Date/Time 5/5/2021 1600		Company RAMBOLL		Received by ...		Date/Time 5-5-21 1600		Company TA				
Relinquished by ...				Date/Time 5-5-21 1700		Company TA		Received by Shirley Scott		Date/Time 5/6/21 0950		Company ETA/CHI				
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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Chain of Custody Record



Client Information		Sampler Liz Bonucki		Lab PM Fredrick Sandie		Carrier Tracking No(s)		COC No 500-90534-40477 6																									
Client Contact Paul Lindquist		Phone 262-758-1488		E-Mail sandra.fredrick@eurofinset.com		State of Origin		Page 3 of 4																									
Company Ramboll US Corporation		PWSID		Analysis Requested						Job # 500-198702																							
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"/> 8260B - VOC (DRY WEIGHT) 8082A - PCB 8270D - PAH 6010B, 7471B PFC_IDA_WI - PFAS, Extended List (36 Analytes) 8260B - VOC (VOA VIAL) PFC_IDA_WI - PFAS, Extended List (33 Analytes)						Preservation Codes																							
City Milwaukee		TAT Requested (days) 10-Day TAT								A HCL M Hexane																							
State, Zip WI 53204		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								B NaOH N None																							
Phone 262-901-3507(Tel)		PO # 1690019647								C Zn Acetate O AsNaO2																							
Email plindquist@ramboll.com		WO #								D Nitric Acid P Na2O4S																							
Project Name Former Mirro Plant No 9 1690019647		Project # 50018382		E NaHSO4 Q Na2SO3																													
Site Former Mirro Plant No. 9		SSOW#		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:																													
				Total Number of containers																													
				Special Instructions/Note																													
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		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260B - VOC		8082A - PCB		8270D - PAH		6010B, 7471B		PFC_IDA_WI - PFAS, Extended List (36 Analytes)		8260B - VOC (VOA VIAL)		PFC_IDA_WI - PFAS, Extended List (33 Analytes)		Total Number of containers		Special Instructions/Note	
23 TB-05-210505		---		---		---		---		---		X		N		N		N		N		N		N		F		N					
24 TB-06-210505		---		---		---		---		---		X		N		N		N		N		N		N		F		N					
25 TB-07-210505		---		---		---		---		---		X		N		N		N		N		N		N		F		N					
26 TB-08-210505		---		---		---		---		---		X		N		N		N		N		N		N		F		N					
27 SB-207 (3-4)		5-05-2021		1005		G		S				X		X		X		X		X		X		X									
28 SB-207 (7-8)		5-05-2021		1010		G		S				X		X		X		X		X		X		X									
29 SB-212 (1-2)		5-05-2021		1225		G		S				X		X		X		X		X		X		X		X							
30 SB-212 (6-7)		5-05-2021		1230		G		S				X		X		X		X		X		X		X		X							
31 DUP-07-210505		5-05-2021		1225		G		S				X		X		X		X		X		X		X		X							
32 SB-212 (8-9)		5-05-2021		1235		G		S				X		X		X		X		X		X		X		X		X					
33 SB-234 (0.5-1.5)		5-05-2021		1330		G		S				X		X		X		X		X		X		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 Liz Bonucki					Date/Time 5-5-2021 / 1400					Company Ramboll					Received by [Signature]					Date/Time 5/5/2021 1400					Company Ramboll								
Relinquished by Paul Lindquist					Date/Time 5/5/2021 1600					Company Ramboll					Received by [Signature]					Date/Time 5-5-21 1600					Company TA								
Relinquished by [Signature]					Date/Time 5-5-21 1700					Company TA					Received by [Signature]					Date/Time 5/6/21 0950					Company ETA-UHJ								
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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University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Client Information		Sampler: Liz Boncki		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No. 500-90534-40477 9																					
Client Contact: Paul Lindquist		Phone: 262-758 1488		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page 4 of 24																					
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) (DRY WEIGHT)		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): 10-Day TAT																											
State Zip: WI 53204		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No																											
Phone: 262-901-3507(Tel)		PO #: 1690019647																											
Email: plindquist@ramboll.com		WO #																											
Project Name: Former Mirro Plant No 9 1690019647		Project #: 50018382		Matrix (W=water S=solid O=waste/oil BT-Tissue A=Air)		8260B - VOC		8082A PCB		8270D PAH		6010B, 7471B		PFC_IDA_WI PFAS, Extended List (36 Analytes)		8260B - VOC (VOA Vial)		PFC_IDA_WI - PFAS, Extended List (33 Analytes)											
Site: Former Mirro Plant No. 9		SSOW#																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260B - VOC		8082A PCB		8270D PAH		6010B, 7471B		PFC_IDA_WI PFAS, Extended List (36 Analytes)		8260B - VOC (VOA Vial)		PFC_IDA_WI - PFAS, Extended List (33 Analytes)		Special Instructions/Note	
34 SB-234(8-9)		5.5.2021		1335		G S		S						X		X		X		X		X		X					
35 SB-208(3-4)		5.5.2021		1110		G S		S						X		X		X		X		X		X					
36 SB-208(8-9)		5.5.2021		1115		G S		S						X		X		X		X		X		X					
37 DUP-06-210505		5.5.2021		1110		G S		S						X		X		X		X		X		X					
38 FB-04-210504		5.4.21		1350		G W		W																				Added by TA	
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: Liz Boncki by this					Date/Time: 5.5.2021 1400					Company: Ramboll					Received by: Paul					Date/Time: 5/5/2021 1400					Company: Ramboll				
Relinquished by: Paul					Date/Time: 5/5/2021 1600					Company: Ramboll					Received by: Paul					Date/Time: 5.5.21 1600					Company: TA				
Relinquished by: Paul					Date/Time: 5-5-21 1700					Company: TA					Received by: Paul					Date/Time: 5/6/21 0950					Company: TA CHJ				
Custody Seals Intact.		Custody Seal No								Cooler Temperature(s) °C and Other Remarks:																			
<input type="checkbox"/> Yes <input type="checkbox"/> No																													

ORIGIN ID:RRLA (262) 202-5955
SHIPPING
TESTAMERICA
4125 N 124TH ST

BROOKFIELD, WI 53005
UNITED STATES US

SHIP DATE: 05MAY21
ACTWTG: 43.90 LB
CAD: 525155/CAFE3406

BILL RECIPIENT

TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET



58113/211117/10542

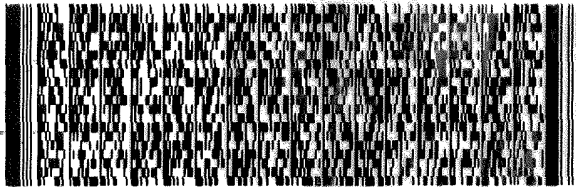
UNIVERSITY PARK IL 60484

500-198702 Wayb

(708) 634-6200
REF: INU: PG

REF:

DEPT:



FedEx
Express



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1 of 5

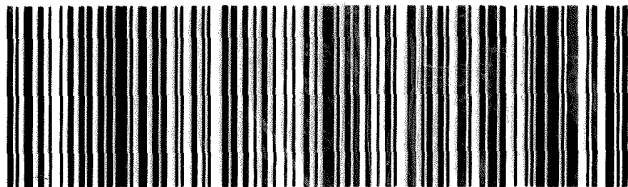
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Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-148276.1																																																																																																															
Client Contact: Shipping/Receiving		Phone:		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page: Page 1 of 3																																																																																																															
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): State - Wisconsin				Job #: 500-198702-1																																																																																																															
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605		Due Date Requested: 5/19/2021		Analysis 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)																																																																																																													
Phone: 916-373-5600(Tel) 916-372-1059(Fax)		TAT Requested (days):																																																																																																																					
Email:		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers																																																																																																															
Project Name: Former Mirro Plant No 9 - 1690019647		WO #:		PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)		PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)																																																																																																																	
Site:		Project #: 50018382		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:																																																																																																															
SSOW#:		Sample Date		Sample Time		Preservation Code:																																																																																																																	
<table border="1"> <thead> <tr> <th>Sample Identification - Client ID (Lab ID)</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)</th> <th>PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)</th> <th>Total Number of containers</th> <th>Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td>SB-213 (1-2) (500-198702-1)</td> <td>5/3/21</td> <td>10:40 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-213 (1-2) (500-198702-1MS)</td> <td>5/3/21</td> <td>10:40 Central</td> <td>MS</td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-213 (1-2) (500-198702-1MSD)</td> <td>5/3/21</td> <td>10:40 Central</td> <td>MSD</td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-213 (11-12) (500-198702-2)</td> <td>5/3/21</td> <td>10:45 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-213 (12-13) (500-198702-3)</td> <td>5/3/21</td> <td>10:50 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-221 (16-17) (500-198702-7)</td> <td>5/3/21</td> <td>12:40 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>FB-03-210503 (500-198702-8)</td> <td>5/3/21</td> <td>13:20 Central</td> <td></td> <td>Water</td> <td></td> <td></td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>SB-220 (11-12) (500-198702-9)</td> <td>5/3/21</td> <td>14:15 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>SB-206 (3-4) (500-198702-10)</td> <td>5/3/21</td> <td>15:40 Central</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td></td> </tr> </tbody> </table>										Sample Identification - Client ID (Lab ID)	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/Shake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)	Total Number of containers	Special Instructions/Note:	SB-213 (1-2) (500-198702-1)	5/3/21	10:40 Central		Solid		X			1		SB-213 (1-2) (500-198702-1MS)	5/3/21	10:40 Central	MS	Solid		X			1		SB-213 (1-2) (500-198702-1MSD)	5/3/21	10:40 Central	MSD	Solid		X			1		SB-213 (11-12) (500-198702-2)	5/3/21	10:45 Central		Solid		X			1		SB-213 (12-13) (500-198702-3)	5/3/21	10:50 Central		Solid		X			1		SB-221 (16-17) (500-198702-7)	5/3/21	12:40 Central		Solid		X			1		FB-03-210503 (500-198702-8)	5/3/21	13:20 Central		Water			X		2		SB-220 (11-12) (500-198702-9)	5/3/21	14:15 Central		Solid		X			1		SB-206 (3-4) (500-198702-10)	5/3/21	15:40 Central		Solid		X			1	
Sample Identification - Client ID (Lab ID)	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/Shake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)	Total Number of containers	Special Instructions/Note:																																																																																																													
SB-213 (1-2) (500-198702-1)	5/3/21	10:40 Central		Solid		X			1																																																																																																														
SB-213 (1-2) (500-198702-1MS)	5/3/21	10:40 Central	MS	Solid		X			1																																																																																																														
SB-213 (1-2) (500-198702-1MSD)	5/3/21	10:40 Central	MSD	Solid		X			1																																																																																																														
SB-213 (11-12) (500-198702-2)	5/3/21	10:45 Central		Solid		X			1																																																																																																														
SB-213 (12-13) (500-198702-3)	5/3/21	10:50 Central		Solid		X			1																																																																																																														
SB-221 (16-17) (500-198702-7)	5/3/21	12:40 Central		Solid		X			1																																																																																																														
FB-03-210503 (500-198702-8)	5/3/21	13:20 Central		Water			X		2																																																																																																														
SB-220 (11-12) (500-198702-9)	5/3/21	14:15 Central		Solid		X			1																																																																																																														
SB-206 (3-4) (500-198702-10)	5/3/21	15:40 Central		Solid		X			1																																																																																																														
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>																																																																																																																							
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																																																																																		
Unconfirmed					<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)			Primary Deliverable Rank: 2		Special Instructions/QC Requirements:																																																																																																																		
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:																																																																																																																
Relinquished by: <i>[Signature]</i>			Date/Time: 5/6/21 1620		Company: <i>ETA-CHI</i>		Received by: <i>[Signature]</i>		Date/Time: 5-7-21 10:05	Company: <i>ETASAC</i>																																																																																																													
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	Company:																																																																																																													
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Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: 1451536, 1451537			Cooler Temperature(s) °C and Other Remarks: 5.8, 1.5																																																																																																																		

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5/20/2021



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-148276.2						
Client Contact: Shipping/Receiving		Phone:	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: Wisconsin	Page: Page 2 of 3						
Company: TestAmerica Laboratories, Inc.			Accreditations Required (See note): State - Wisconsin		Job #: 500-198702-1						
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Due Date Requested: 5/19/2021 TAT Requested (days):	Analysis 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:					
Project Name: Former Mirro Plant No 9 - 1690019647 Site:		PO #: WO #: Project #: 50018382 SSOW#:									
Sample Identification - Client ID (Lab ID)		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_W/SHake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_W/AS35_PFC_28D PFAS, Standard List (33 analytes)	Total Number of containers	Special Instructions/Note:
DUP-05-210503 (500-198702-11)		5/3/21	15:40 Central	Solid	Solid		X			1	
SB-233 (2-3) (500-198702-12)		5/4/21	10:15 Central	Solid	Solid		X			1	
SB-233 (6-7) (500-198702-13)		5/4/21	10:20 Central	Solid	Solid		X			1	
SB-233 (8-9) (500-198702-14)		5/4/21	10:25 Central	Solid	Solid		X			1	
SB-219 (2-3) (500-198702-15)		5/4/21	12:20 Central	Solid	Solid		X			1	
SB-219 (5.5-6.5) (500-198702-16)		5/4/21	12:25 Central	Solid	Solid		X			1	
SB-219 (9-10) (500-198702-17)		5/4/21	12:30 Central	Solid	Solid		X			1	
SB-212 (1-2) (500-198702-29)		5/5/21	12:25 Central	Solid	Solid		X			1	
SB-212 (6-7) (500-198702-30)		5/5/21	12:30 Central	Solid	Solid		X			1	
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						<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)			Primary Deliverable Rank: 2			Special Instructions/QC Requirements:					
Empty Kit Relinquished by:			Date:			Time:			Method of Shipment:		
Relinquished by: <i>Shin Scott</i>		Date/Time: <i>5/6/21 1620</i>		Company: <i>ETA-CHI</i>		Received by: <i>[Signature]</i>		Date/Time: <i>5-7-21 10:05</i>		Company: <i>ETASAC</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
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.: <i>1451536, 1451537</i>				Cooler Temperature(s) °C and Other Remarks: <i>5.8, 1.5</i>					

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5/20/2021



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-148276.3			
Client Contact: Shipping/Receiving		Phone:		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page: Page 3 of 3			
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): State - Wisconsin				Job #: 500-198702-1			
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Due Date Requested: 5/19/2021 TAT Requested (days):		Analysis 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:	
Project Name: Former Mirro Plant No 9 - 1690019647 Site:		Project #: 50018382 SSOW#:									
Sample Identification - Client ID (Lab ID)		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_W/SHake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_W/3535_PFC_28D PFAS, Standard List (33 analytes)	Total Number of containers	Special Instructions/Note:
DUP-07-210505 (500-198702-31)		5/5/21	12:25 Central	Solid			X			1	
SB-212 (8-9) (500-198702-32)		5/5/21	12:35 Central	Solid			X			1	
SB-234 (0.5-1.5) (500-198702-33)		5/5/21	13:30 Central	Solid			X			1	
SB-234 (8-9) (500-198702-34)		5/5/21	13:35 Central	Solid			X			1	
SB-208 (3-4) (500-198702-35)		5/5/21	11:10 Central	Solid			X			1	
SB-208 (8-9) (500-198702-36)		5/5/21	11:15 Central	Solid			X			1	
DUP-06-210505 (500-198702-37)		5/5/21	11:10 Central	Solid			X			1	
FB-04-210504 (500-198702-38)		5/4/21	13:50 Central	Water				X		2	
<p>Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.</p>											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						<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)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:			Date:		Time:			Method of Shipment:			
Relinquished by: <i>Shirley Scott</i>		Date/Time: <i>5/6/21 16:20</i>		Company: <i>ETA-CHI</i>		Received by: <i>[Signature]</i>		Date/Time: <i>5-7-21 10:05</i>		Company: <i>ETASAC</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
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.: <i>1451536 ; 1451537</i>				Cooler Temperature(s) °C and Other Remarks: <i>5.8 , 1.5</i>					

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5/20/2021





Environment Testing
TestAmerica

Sacramento
Sample Receiving Notes

Place Field Sheet Label Here

Tracking #: 1893 4451 8776

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-06 Corr. Factor: (+/-) NA °C
Ice Wet Gel _____ Other _____
Cooler Custody Seal: 1451537
Cooler ID: 2 of 4
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: NC Date: 5-7-21

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 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 type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-7-21

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-7-21

WR3 16c

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-198702-1

Login Number: 198702

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	
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	4.2,2.1,3.8,3.3,3.7
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	
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 <math><6\text{mm}</math> (1/4").	N/A	
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: 500-198702-1

Login Number: 198702

List Number: 2

Creator: Cahill, Nicholas P

List Source: Eurofins TestAmerica, Sacramento

List Creation: 05/07/21 06:19 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	1451536, 1451537
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	5.8c, 1.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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	



500-198702 Field Sheet

Tracking #: 1893 4451 8765

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-06 Corr. Factor: (+ / -) N/A °C
Ice Wet Gel _____ Other _____

Cooler Custody Seal: 1451536

Cooler ID: 1 of 2

Temp Observed: 5.8 °C Corrected: 5.8 °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: <u>NC</u>	Date: <u>5-7-21</u>		

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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Appropriate containers are used?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample bottles are completely filled?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-7-21

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-7-21

WR3 160

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-198702-1	SB-213 (1-2)	104	99	90	94	100	102	93	100
500-198702-1 MS	SB-213 (1-2)	118	108	108	108	110	106	97	107
500-198702-1 MSD	SB-213 (1-2)	115	104	102	98	90	95	93	90
500-198702-2	SB-213 (11-12)	109	110	101	105	108	110	101	100
500-198702-3	SB-213 (12-13)	120	113	117	118	110	128	115	118
500-198702-7	SB-221 (16-17)	90	95	97	101	93	91	87	88
500-198702-9	SB-220 (11-12)	97	98	86	95	91	96	81	81
500-198702-10	SB-206 (3-4)	110	108	102	107	104	105	107	107
500-198702-11	DUP-05-210503	108	100	102	104	101	110	102	104
500-198702-12	SB-233 (2-3)	110	107	100	105	102	103	103	103
500-198702-13	SB-233 (6-7)	102	103	105	112	104	111	105	107
500-198702-14	SB-233 (8-9)	109	104	104	109	97	105	96	107
500-198702-15	SB-219 (2-3)	116	106	105	107	105	110	101	116
500-198702-16	SB-219 (5.5-6.5)	111	109	112	106	96	94	90	84
500-198702-17	SB-219 (9-10)	116	106	104	95	105	99	80	101
500-198702-29	SB-212 (1-2)	121	102	104	99	100	112	103	113
500-198702-30	SB-212 (6-7)	89	76	88	78	96	103	91	100
500-198702-31	DUP-07-210505	115	94	104	97	104	118	106	115
500-198702-32	SB-212 (8-9)	87	97	92	95	95	97	85	87
500-198702-33	SB-234 (0.5-1.5)	93	94	99	99	99	101	90	94
500-198702-33 MS	SB-234 (0.5-1.5)	99	102	97	104	100	94	87	97
500-198702-33 MSD	SB-234 (0.5-1.5)	96	102	92	102	97	108	98	104
500-198702-34	SB-234 (8-9)	100	105	96	103	97	95	89	94
500-198702-35	SB-208 (3-4)	90	87	91	96	98	98	81	89
500-198702-36	SB-208 (8-9)	97	106	103	110	107	101	99	107
500-198702-37	DUP-06-210505	88	95	88	91	94	96	88	92
LCS 320-487621/2-A	Lab Control Sample	119	114	111	117	116	122	115	118
LCS 320-487940/2-A	Lab Control Sample	99	100	92	104	103	99	93	92
MB 320-487621/1-A	Method Blank	105	98	101	98	108	104	101	109
MB 320-487940/1-A	Method Blank	99	99	93	103	98	89	97	92

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198702-1	SB-213 (1-2)	88	79	88	85	86	89	90	87
500-198702-1 MS	SB-213 (1-2)	97	88	88	87	87	90	90	98
500-198702-1 MSD	SB-213 (1-2)	93	81	75	74	72	80	80	95
500-198702-2	SB-213 (11-12)	98	91	94	94	97	91	89	104
500-198702-3	SB-213 (12-13)	105	100	104	109	113	103	125	128
500-198702-7	SB-221 (16-17)	86	72	77	81	77	80	83	86
500-198702-9	SB-220 (11-12)	75	67	79	79	72	79	82	84
500-198702-10	SB-206 (3-4)	100	88	94	92	94	90	94	103
500-198702-11	DUP-05-210503	98	88	92	89	90	96	97	97
500-198702-12	SB-233 (2-3)	101	87	91	88	90	91	85	90
500-198702-13	SB-233 (6-7)	108	91	97	100	95	101	96	104
500-198702-14	SB-233 (8-9)	88	82	96	93	90	84	93	96
500-198702-15	SB-219 (2-3)	98	84	98	97	89	98	107	102
500-198702-16	SB-219 (5.5-6.5)	82	80	83	74	76	73	82	84
500-198702-17	SB-219 (9-10)	93	90	97	90	75	77	95	116
500-198702-29	SB-212 (1-2)	105	82	102	94	97	83	106	108

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198702-30	SB-212 (6-7)	87	91	74	87	89	91	100	101
500-198702-31	DUP-07-210505	114	97	103	99	95	82	105	108
500-198702-32	SB-212 (8-9)	82	73	76	77	71	82	78	88
500-198702-33	SB-234 (0.5-1.5)	91	76	77	77	71	85	85	92
500-198702-33 MS	SB-234 (0.5-1.5)	89	76	78	82	75	86	91	93
500-198702-33 MSD	SB-234 (0.5-1.5)	86	81	84	82	75	89	90	94
500-198702-34	SB-234 (8-9)	91	79	82	83	78	86	88	94
500-198702-35	SB-208 (3-4)	77	70	79	81	73	80	82	79
500-198702-36	SB-208 (8-9)	97	85	96	96	85	95	93	99
500-198702-37	DUP-06-210505	84	72	77	80	78	81	86	84
LCS 320-487621/2-A	Lab Control Sample	108	99	105	108	112	103	105	111
LCS 320-487940/2-A	Lab Control Sample	95	81	90	97	91	84	86	89
MB 320-487621/1-A	Method Blank	97	89	96	96	96	91	93	99
MB 320-487940/1-A	Method Blank	87	83	88	91	84	97	79	86

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFm (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198702-1	SB-213 (1-2)	66	68	84	81	87	111	117	94
500-198702-1 MS	SB-213 (1-2)	71	73	97	89	93	111	115	106
500-198702-1 MSD	SB-213 (1-2)	67	72	95	90	98	91	111	94
500-198702-2	SB-213 (11-12)	81	85	95	95	115	150	149	94
500-198702-3	SB-213 (12-13)	84	85	100	102	104	131	150	110
500-198702-7	SB-221 (16-17)	61	58	87	80	121	119	111	97
500-198702-9	SB-220 (11-12)	65	54	85	77	130	111	100	96
500-198702-10	SB-206 (3-4)	71	72	96	101	101	106	122	102
500-198702-11	DUP-05-210503	76	79	87	95	93	103	106	103
500-198702-12	SB-233 (2-3)	61	77	85	93	98	102	112	109
500-198702-13	SB-233 (6-7)	87	92	88	101	104	94	129	105
500-198702-14	SB-233 (8-9)	66	71	103	91	101	109	115	98
500-198702-15	SB-219 (2-3)	91	90	98	96	133	128	135	102
500-198702-16	SB-219 (5.5-6.5)	51	58	95	80	103	95	95	113
500-198702-17	SB-219 (9-10)	65	64	74	66	169 *5+	186 *5+	126	88
500-198702-29	SB-212 (1-2)	59	67	83	67	232 *5+	287 *5+	279 *5+	101
500-198702-30	SB-212 (6-7)	69	66	77	64	100	140	138	74
500-198702-31	DUP-07-210505	78	79	84	77	228 *5+	273 *5+	297 *5+	97
500-198702-32	SB-212 (8-9)	62	58	89	75	151 *5+	142	106	87
500-198702-33	SB-234 (0.5-1.5)	67	68	84	81	107	121	99	96
500-198702-33 MS	SB-234 (0.5-1.5)	65	64	93	90	112	118	99	99
500-198702-33 MSD	SB-234 (0.5-1.5)	64	66	89	91	103	112	113	102
500-198702-34	SB-234 (8-9)	62	60	80	84	109	107	107	104
500-198702-35	SB-208 (3-4)	59	59	78	74	90	89	95	95
500-198702-36	SB-208 (8-9)	78	70	88	85	112	118	109	95
500-198702-37	DUP-06-210505	62	58	88	75	90	97	94	88
LCS 320-487621/2-A	Lab Control Sample	74	74	100	113	109	130	136	107
LCS 320-487940/2-A	Lab Control Sample	68	57	87	80	109	113	110	99
MB 320-487621/1-A	Method Blank	62	65	92	104	103	111	134	92
MB 320-487940/1-A	Method Blank	57	55	85	80	109	122	108	97

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-198702-1	SB-213 (1-2)	111
500-198702-1 MS	SB-213 (1-2)	107
500-198702-1 MSD	SB-213 (1-2)	94
500-198702-2	SB-213 (11-12)	140
500-198702-3	SB-213 (12-13)	128
500-198702-7	SB-221 (16-17)	89
500-198702-9	SB-220 (11-12)	82
500-198702-10	SB-206 (3-4)	117
500-198702-11	DUP-05-210503	106
500-198702-12	SB-233 (2-3)	105
500-198702-13	SB-233 (6-7)	109
500-198702-14	SB-233 (8-9)	98
500-198702-15	SB-219 (2-3)	119
500-198702-16	SB-219 (5.5-6.5)	86
500-198702-17	SB-219 (9-10)	131
500-198702-29	SB-212 (1-2)	191 *5+
500-198702-30	SB-212 (6-7)	124
500-198702-31	DUP-07-210505	201 *5+
500-198702-32	SB-212 (8-9)	99
500-198702-33	SB-234 (0.5-1.5)	98
500-198702-33 MS	SB-234 (0.5-1.5)	91
500-198702-33 MSD	SB-234 (0.5-1.5)	86
500-198702-34	SB-234 (8-9)	90
500-198702-35	SB-208 (3-4)	79
500-198702-36	SB-208 (8-9)	93
500-198702-37	DUP-06-210505	77
LCS 320-487621/2-A	Lab Control Sample	136
LCS 320-487940/2-A	Lab Control Sample	100
MB 320-487621/1-A	Method Blank	120
MB 320-487940/1-A	Method Blank	88

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA
- PFOA = 13C4 PFOA
- PFNA = 13C5 PFNA
- PFDA = 13C2 PFDA
- PFUnA = 13C2 PFUnA
- PFDaA = 13C2 PFDaA
- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- PFHxS = 18O2 PFHxS
- PFOS = 13C4 PFOS
- PFOSA = 13C8 FOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- dMeFOSA = d-N-MeFOSA-M
- dEtFOSA = d-N-EtFOSA-M

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198702-1

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

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-198702-8	FB-03-210503	87	92	90	96	100	101	94	105
500-198702-38	FB-04-210504	86	86	85	87	91	93	93	99
LCS 320-487829/2-A	Lab Control Sample	89	96	92	91	93	100	86	105
LCS D 320-487829/3-A	Lab Control Sample Dup	92	92	92	96	102	96	96	107
MB 320-487829/1-A	Method Blank	93	100	97	97	102	101	100	109

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOs (25-150)	d5NEFOs (25-150)
500-198702-8	FB-03-210503	100	80	88	94	91	105	102	104
500-198702-38	FB-04-210504	89	77	81	91	88	101	98	100
LCS 320-487829/2-A	Lab Control Sample	91	82	92	102	100	100	103	104
LCS D 320-487829/3-A	Lab Control Sample Dup	96	85	92	96	91	100	113	105
MB 320-487829/1-A	Method Blank	93	88	91	101	95	103	111	106

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	dMeFOsA (10-150)	dEtFOsA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198702-8	FB-03-210503	76	75	88	84	109	119	120	87
500-198702-38	FB-04-210504	74	75	87	84	101	107	109	82
LCS 320-487829/2-A	Lab Control Sample	80	78	88	89	103	120	104	86
LCS D 320-487829/3-A	Lab Control Sample Dup	75	73	86	89	112	113	106	89
MB 320-487829/1-A	Method Blank	78	79	86	87	119	116	124	91

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-198702-8	FB-03-210503	104
500-198702-38	FB-04-210504	101
LCS 320-487829/2-A	Lab Control Sample	104
LCS D 320-487829/3-A	Lab Control Sample Dup	101
MB 320-487829/1-A	Method Blank	110

Surrogate Legend

PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 PFHxA = 13C2 PFHxA
 C4PFHA = 13C4 PFHpA
 PFOA = 13C4 PFOA
 PFNA = 13C5 PFNA
 PFDA = 13C2 PFDA
 PFUnA = 13C2 PFUnA
 PFDaA = 13C2 PFDaA
 PFTDA = 13C2 PFTeDA
 C3PFBS = 13C3 PFBS

Isotope Dilution Summary

Client: Ramboll US Corporation

Job ID: 500-198702-1

Project/Site: Former Mirro Plant No 9 - 1690019647

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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ANALYTICAL REPORT

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

Laboratory Job ID: 500-198861-1

Client Project/Site: Former Mirro Plant No 9 - 1690019647

For:

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

Attn: Liz Borucki



Authorized for release by:
5/24/2021 12:56:32 PM

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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.

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Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Job ID: 500-198861-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-198861-1

Comments

No additional comments.

Receipt

The samples were received on 5/8/2021 11:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8° C and 4.8° C.

Receipt Exceptions

Received the Terracore kits for samples 16-18 with no ID, date or time on them. Client confirmed order.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC). Added to COC and logged in. Not needed SB-211 (1-2) (500-198861-3), SB-211 (3-4) (500-198861-4), SB-215 (2-3) (500-198861-5), SB-215 (7.5-8.5) (500-198861-6), SB-215 (10-11) (500-198861-7), SB-232 (2-3) (500-198861-8), SB-232 (9-10) (500-198861-9), SB-232 (11-12) (500-198861-10), SB-229B (10-11) (500-198861-11), SB-230A (12-13) (500-198861-14), DUP-08-210506 (500-198861-15) and SB-231A (2-3) (500-198861-16).

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) for 597932 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable, and the data have been reported. SB-210 (1-3) (500-198861-1), SB-210 (1-3) (500-198861-1[MS]), SB-210 (1-3) (500-198861-1[MSD]), SB-210 (8-9) (500-198861-2), SB-211 (1-2) (500-198861-3), SB-211 (3-4) (500-198861-4), SB-232 (2-3) (500-198861-8), SB-232 (9-10) (500-198861-9), SB-232 (11-12) (500-198861-10), SB-229B (10-11) (500-198861-11), FB-06-210506 (500-198861-12), FB-05-210505 (500-198861-13), SB-230A (12-13) (500-198861-14), DUP-08-210506 (500-198861-15), SB-231A (2-3) (500-198861-16), SB-231A (7-8) (500-198861-17), SB-231A (10-11) (500-198861-18), TB-09-210506 (500-198861-19) and TB-10-210506 (500-198861-20)

Method 8260B: The laboratory control sample (LCS) for 599173 recovered outside control limits for Chloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. (LB3 500-597932/18-A)

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

GC/MS Semi VOA

Method 8270D: Internal standard responses were outside of acceptance limits for the following samples: SB-210 (1-3) (500-198861-1), SB-210 (1-3) (500-198861-1[MS]) and SB-210 (1-3) (500-198861-1[MSD]). The sample(s) shows evidence of matrix interference.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-599606 and analytical batch 500-599716 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8082A: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor PCB-1254: SB-211 (1-2) (500-198861-3).

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

Metals

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

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Job ID: 500-198861-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

LCMS

Method 537 (modified): The laboratory control sample (LCS) for preparation batch 320-489288 and analytical batch 320-489560 recovered outside control limits for the following analyte: DONA. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 537 (modified): The matrix spike (MS) recovery for Perfluorooctanoic acid (PFOA) for preparation batch 320-489288 and analytical batch 320-489560 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 537 (modified): Isotope Dilution Analyte (IDA) recoveries for several analytes are above the method recommended limit for the following samples: SB-215 (7.5-8.5) (500-198861-6), SB-232 (2-3) (500-198861-8), SB-232 (9-10) (500-198861-9), SB-232 (11-12) (500-198861-10) and SB-229B (10-11) (500-198861-11). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results, therefore, the data was reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recoveries for M2-4:2 FTS and M2-6:2 FTS are above the method recommended limit for the following sample: SB-215 (10-11) (500-198861-7). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results, therefore, the data was reported.

Method 537 (modified): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-489288 and analytical batch 320-489560 was outside control limits for DONA. The associated laboratory control sample (LCS) recovery was outside of acceptance limits, however, the data was reported because the analyte was not detected in the associated samples.

Method 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit for 13C4 PFBA: SB-232 (11-12) (500-198861-10). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample. The samples were re-analyzed with concurring results, therefore, the data was reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery for M2-6:2 FTS is above the method recommended limit for the following samples: SB-215 (2-3) (500-198861-5) and (500-198861-A-5-C MS). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The samples were re-analyzed with concurring results, therefore, the data was reported.

Method 537 (modified): Isotope Dilution Analyte (IDA) recoveries for M2-4:2 FTS and M2-6:2 FTS are above the method recommended limit for the following sample: (500-198861-A-5-D MSD). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The sample was re-analyzed with concurring results, therefore, the data was reported.

Method 537 (modified): The following sample has chromatographic interferences that could adversely impact the identification and quantitation of Perfluorobutanoic acid (PFBA): SB-232 (2-3) (500-198861-8). These interferences could cause false positive results.

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

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-488559.

320-488559
Method: 3535 PFC-W

Method SHAKE: The following samples were light yellow after final extraction/volume: SB-232 (2-3) (500-198861-8), SB-232 (9-10) (500-198861-9) and SB-229B (10-11) (500-198861-11)

Method Code: PFC_IDA_WI

Case Narrative

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Job ID: 500-198861-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

Matrix: Solid

Method SHAKE: The following sample was light yellow and cloudy after final extraction/volume. SB-232 (11-12) (500-198861-10)

Method Code: PFC_IDA_WI

Matrix: Solid

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

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Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	26	J	70	23	ug/Kg	50	✳	8260B	Total/NA
Acenaphthene	29	J	38	6.9	ug/Kg	1	✳	8270D	Total/NA
Acenaphthylene	20	J	38	5.1	ug/Kg	1	✳	8270D	Total/NA
Anthracene	69		38	6.4	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	170		38	5.2	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	180	*3	38	7.4	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	220	*3 F1	38	8.3	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	78	*3 F1	38	12	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	120	*3 F1	38	11	ug/Kg	1	✳	8270D	Total/NA
Chrysene	180		38	10	ug/Kg	1	✳	8270D	Total/NA
Dibenz(a,h)anthracene	23	J *3 F1	38	7.4	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	300	F1 F2	38	7.1	ug/Kg	1	✳	8270D	Total/NA
Fluorene	23	J	38	5.4	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	71	*3 F1	38	9.9	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	200		77	9.4	ug/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	230		77	7.1	ug/Kg	1	✳	8270D	Total/NA
Naphthalene	170		38	5.9	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	310	F1 F2	38	5.3	ug/Kg	1	✳	8270D	Total/NA
Pyrene	320	F1 F2	38	7.6	ug/Kg	1	✳	8270D	Total/NA
Perfluorobutanoic acid (PFBA)	0.045	J	0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.065	J	0.22	0.047	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.17	J	0.22	0.033	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.5	F1	0.22	0.096	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.14	J	0.22	0.025	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.34	J	0.56	0.22	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	4800	V	20	8.2	mg/Kg	1	✳	6010B	Total/NA
Antimony	0.60	J F1	2.0	0.39	mg/Kg	1	✳	6010B	Total/NA
Arsenic	3.4		1.0	0.34	mg/Kg	1	✳	6010B	Total/NA
Barium	39	V	1.0	0.11	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.33	B	0.20	0.036	mg/Kg	1	✳	6010B	Total/NA
Chromium	11		1.0	0.50	mg/Kg	1	✳	6010B	Total/NA
Copper	24	F1 V	1.0	0.28	mg/Kg	1	✳	6010B	Total/NA
Iron	9100	V	20	10	mg/Kg	1	✳	6010B	Total/NA
Lead	35	F1	0.50	0.23	mg/Kg	1	✳	6010B	Total/NA
Manganese	160	F1 V	1.0	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	11		1.0	0.29	mg/Kg	1	✳	6010B	Total/NA
Silver	0.27	J	0.50	0.13	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.55	J	1.0	0.50	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.037	F1 F2	0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.24	0.034	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.3		0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	4400		24	9.6	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.74	J	1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	12		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.083	J B	0.24	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	8.3		1.2	0.58	mg/Kg	1	✳	6010B	Total/NA
Copper	7.9		1.2	0.33	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (8-9) (Continued)

Lab Sample ID: 500-198861-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	7100		24	12	mg/Kg	1	☼	6010B	Total/NA
Lead	2.2		0.59	0.27	mg/Kg	1	☼	6010B	Total/NA
Manganese	150		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Nickel	8.5		1.2	0.34	mg/Kg	1	☼	6010B	Total/NA
Silver	0.22	J	0.59	0.15	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.81	J	1.2	0.59	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0086	J	0.020	0.0068	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-211 (1-2)

Lab Sample ID: 500-198861-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	14	J	17	12	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	46	J	68	23	ug/Kg	50	☼	8260B	Total/NA
Toluene	32		17	10	ug/Kg	50	☼	8260B	Total/NA
Trichloroethene	96		34	11	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	140		34	15	ug/Kg	50	☼	8260B	Total/NA
Acenaphthene	7.3	J	38	6.9	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	11	J	38	5.1	ug/Kg	1	☼	8270D	Total/NA
Anthracene	19	J	38	6.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	130		38	5.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	190		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	260		38	8.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	140		38	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	93		38	11	ug/Kg	1	☼	8270D	Total/NA
Chrysene	180		38	10	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	37	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	200		38	7.1	ug/Kg	1	☼	8270D	Total/NA
Fluorene	6.7	J	38	5.4	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	120		38	10	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	29	J	77	9.4	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	33	J	77	7.1	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	25	J	38	5.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	120		38	5.4	ug/Kg	1	☼	8270D	Total/NA
Pyrene	200		38	7.6	ug/Kg	1	☼	8270D	Total/NA
PCB-1254	22		20	4.2	ug/Kg	1	☼	8082A	Total/NA
Perfluorooctanoic acid (PFOA)	0.43		0.22	0.094	ug/Kg	1	☼	537 (modified)	Total/NA
Aluminum	7300		22	9.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.6		1.1	0.38	mg/Kg	1	☼	6010B	Total/NA
Barium	24		1.1	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.16	J B	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Chromium	10		1.1	0.55	mg/Kg	1	☼	6010B	Total/NA
Copper	140		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Iron	11000		22	12	mg/Kg	1	☼	6010B	Total/NA
Lead	25		0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Manganese	200		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Nickel	12		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Silver	0.40	J	0.55	0.14	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.22		0.018	0.0059	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (3-4)

Lab Sample ID: 500-198861-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	75		35	11	ug/Kg	50	✳	8260B	Total/NA
Acenaphthene	48		38	6.9	ug/Kg	1	✳	8270D	Total/NA
Acenaphthylene	10	J	38	5.1	ug/Kg	1	✳	8270D	Total/NA
Anthracene	89		38	6.4	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]anthracene	310		38	5.2	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	480		38	7.5	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	600		38	8.3	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	260		38	12	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	250		38	11	ug/Kg	1	✳	8270D	Total/NA
Chrysene	340		38	11	ug/Kg	1	✳	8270D	Total/NA
Dibenz(a,h)anthracene	67		38	7.4	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	490		38	7.1	ug/Kg	1	✳	8270D	Total/NA
Fluorene	34	J	38	5.4	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	230		38	10	ug/Kg	1	✳	8270D	Total/NA
1-Methylnaphthalene	50	J	78	9.4	ug/Kg	1	✳	8270D	Total/NA
2-Methylnaphthalene	45	J	78	7.1	ug/Kg	1	✳	8270D	Total/NA
Naphthalene	44		38	5.9	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	460		38	5.4	ug/Kg	1	✳	8270D	Total/NA
Pyrene	530		38	7.7	ug/Kg	1	✳	8270D	Total/NA
Perfluorooctanoic acid (PFOA)	0.78		0.22	0.096	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	5600		23	9.2	mg/Kg	1	✳	6010B	Total/NA
Arsenic	4.2		1.1	0.39	mg/Kg	1	✳	6010B	Total/NA
Barium	67		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.14	J B	0.23	0.041	mg/Kg	1	✳	6010B	Total/NA
Chromium	12		1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Copper	110		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Iron	9100		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	23		0.56	0.26	mg/Kg	1	✳	6010B	Total/NA
Manganese	310		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	10		1.1	0.33	mg/Kg	1	✳	6010B	Total/NA
Silver	0.31	J	0.56	0.15	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.80	J	1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.018	J	0.019	0.0062	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-215 (2-3)

Lab Sample ID: 500-198861-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.44		0.23	0.098	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	4500		22	8.9	mg/Kg	1	✳	6010B	Total/NA
Arsenic	2.4		1.1	0.37	mg/Kg	1	✳	6010B	Total/NA
Barium	16		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.40	B	0.22	0.039	mg/Kg	1	✳	6010B	Total/NA
Chromium	5.9		1.1	0.54	mg/Kg	1	✳	6010B	Total/NA
Copper	250		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA
Iron	6600		22	11	mg/Kg	1	✳	6010B	Total/NA
Lead	20		0.54	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	150		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	8.5		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Silver	0.26	J	0.54	0.14	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.031		0.017	0.0057	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (7.5-8.5)

Lab Sample ID: 500-198861-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.15	J	0.23	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.90		0.23	0.099	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	2700		21	8.6	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.43	J	1.0	0.36	mg/Kg	1	✳	6010B	Total/NA
Barium	6.9		1.0	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.072	J B	0.21	0.038	mg/Kg	1	✳	6010B	Total/NA
Chromium	9.1		1.0	0.52	mg/Kg	1	✳	6010B	Total/NA
Copper	6.5		1.0	0.29	mg/Kg	1	✳	6010B	Total/NA
Iron	6100		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	1.4		0.52	0.24	mg/Kg	1	✳	6010B	Total/NA
Manganese	140		1.0	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.3		1.0	0.31	mg/Kg	1	✳	6010B	Total/NA
Silver	0.17	J	0.52	0.14	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.012	J	0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-215 (10-11)

Lab Sample ID: 500-198861-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.056	J	0.24	0.051	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.071	J	0.24	0.035	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3500		26	10	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.48	J	1.3	0.44	mg/Kg	1	✳	6010B	Total/NA
Barium	10		1.3	0.15	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.064	J B	0.26	0.046	mg/Kg	1	✳	6010B	Total/NA
Chromium	10		1.3	0.63	mg/Kg	1	✳	6010B	Total/NA
Copper	7.1		1.3	0.36	mg/Kg	1	✳	6010B	Total/NA
Iron	6300		26	13	mg/Kg	1	✳	6010B	Total/NA
Lead	2.3		0.64	0.30	mg/Kg	1	✳	6010B	Total/NA
Manganese	150		1.3	0.19	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.9		1.3	0.37	mg/Kg	1	✳	6010B	Total/NA
Silver	0.21	J	0.64	0.17	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.71	J	1.3	0.64	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.016	J	0.021	0.0068	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.47	CI	0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.76		0.22	0.096	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.028	J	0.22	0.025	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.039	J	0.22	0.035	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3500		19	7.9	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.95	J	0.96	0.33	mg/Kg	1	✳	6010B	Total/NA
Barium	11		0.96	0.11	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.043	J B	0.19	0.035	mg/Kg	1	✳	6010B	Total/NA
Chromium	6.9		0.96	0.48	mg/Kg	1	✳	6010B	Total/NA
Copper	9.6		0.96	0.27	mg/Kg	1	✳	6010B	Total/NA
Iron	7100		19	10	mg/Kg	1	✳	6010B	Total/NA
Lead	4.9		0.48	0.22	mg/Kg	1	✳	6010B	Total/NA
Manganese	180		0.96	0.14	mg/Kg	1	✳	6010B	Total/NA
Nickel	8.9		0.96	0.28	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (2-3) (Continued)

Lab Sample ID: 500-198861-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.19	J	0.48	0.12	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.59	J	0.96	0.48	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0098	J	0.017	0.0056	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.2		0.20	0.028	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.079	J	0.20	0.076	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.095	J	0.20	0.085	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3800		20	8.0	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.83	J	0.99	0.34	mg/Kg	1	✳	6010B	Total/NA
Barium	9.6		0.99	0.11	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.063	J B	0.20	0.035	mg/Kg	1	✳	6010B	Total/NA
Chromium	7.1		0.99	0.49	mg/Kg	1	✳	6010B	Total/NA
Copper	9.2		0.99	0.28	mg/Kg	1	✳	6010B	Total/NA
Iron	7700		20	10	mg/Kg	1	✳	6010B	Total/NA
Lead	2.5		0.49	0.23	mg/Kg	1	✳	6010B	Total/NA
Manganese	150		0.99	0.14	mg/Kg	1	✳	6010B	Total/NA
Nickel	9.4		0.99	0.29	mg/Kg	1	✳	6010B	Total/NA
Silver	0.15	J	0.49	0.13	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.69	J	0.99	0.49	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0087	J	0.018	0.0059	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	20		17	12	ug/Kg	50	✳	8260B	Total/NA
Naphthalene	43	J	67	22	ug/Kg	50	✳	8260B	Total/NA
n-Butylbenzene	36	J	67	26	ug/Kg	50	✳	8260B	Total/NA
Trichloroethene	370		33	11	ug/Kg	50	✳	8260B	Total/NA
1,2,4-Trimethylbenzene	56	J	67	24	ug/Kg	50	✳	8260B	Total/NA
1,3,5-Trimethylbenzene	57	J	67	25	ug/Kg	50	✳	8260B	Total/NA
Xylenes, Total	110		33	15	ug/Kg	50	✳	8260B	Total/NA
Perfluorobutanoic acid (PFBA)	2.7		0.20	0.029	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.16	J	0.20	0.088	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3200		21	8.6	mg/Kg	1	✳	6010B	Total/NA
Barium	8.5		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.063	J B	0.21	0.038	mg/Kg	1	✳	6010B	Total/NA
Chromium	5.7		1.1	0.52	mg/Kg	1	✳	6010B	Total/NA
Copper	6.0		1.1	0.29	mg/Kg	1	✳	6010B	Total/NA
Iron	5900		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	1.7		0.53	0.24	mg/Kg	1	✳	6010B	Total/NA
Manganese	120		1.1	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.2		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Silver	0.19	J	0.53	0.14	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0087	J	0.019	0.0062	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	84		35	12	ug/Kg	50	✳	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 Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-229B (10-11) (Continued)

Lab Sample ID: 500-198861-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.57		0.24	0.033	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.51		0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3900		21	8.4	mg/Kg	1	✳	6010B	Total/NA
Arsenic	4.3		1.0	0.35	mg/Kg	1	✳	6010B	Total/NA
Barium	88		1.0	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.097	J B	0.21	0.037	mg/Kg	1	✳	6010B	Total/NA
Chromium	8.0		1.0	0.51	mg/Kg	1	✳	6010B	Total/NA
Copper	16		1.0	0.29	mg/Kg	1	✳	6010B	Total/NA
Iron	13000		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	5.9		0.51	0.24	mg/Kg	1	✳	6010B	Total/NA
Manganese	140		1.0	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	10		1.0	0.30	mg/Kg	1	✳	6010B	Total/NA
Silver	0.18	J	0.51	0.13	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.58	J	1.0	0.51	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.011	J	0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: FB-06-210506

Lab Sample ID: 500-198861-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	0.66	J B	1.9	0.51	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FB-05-210505

Lab Sample ID: 500-198861-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.86	J	1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.23	J	1.8	0.23	ng/L	1		537 (modified)	Total/NA

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.5		0.25	0.11	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3600		23	9.5	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.41	J	1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	10		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.085	J B	0.23	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	6.1		1.2	0.57	mg/Kg	1	✳	6010B	Total/NA
Copper	5.8		1.2	0.32	mg/Kg	1	✳	6010B	Total/NA
Iron	6000		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	2.2		0.58	0.27	mg/Kg	1	✳	6010B	Total/NA
Manganese	130		1.2	0.17	mg/Kg	1	✳	6010B	Total/NA
Nickel	7.4		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Silver	0.18	J	0.58	0.15	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.011	J	0.020	0.0067	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.1		0.22	0.093	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3800		21	8.7	mg/Kg	1	✳	6010B	Total/NA
Barium	10		1.1	0.12	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.060	J B	0.21	0.038	mg/Kg	1	✳	6010B	Total/NA
Chromium	6.0		1.1	0.53	mg/Kg	1	✳	6010B	Total/NA
Copper	5.8		1.1	0.30	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506 (Continued)

Lab Sample ID: 500-198861-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	5800		21	11	mg/Kg	1	✳	6010B	Total/NA
Lead	2.4		0.53	0.25	mg/Kg	1	✳	6010B	Total/NA
Manganese	130		1.1	0.15	mg/Kg	1	✳	6010B	Total/NA
Nickel	6.8		1.1	0.31	mg/Kg	1	✳	6010B	Total/NA
Silver	0.18	J	0.53	0.14	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.013	J	0.019	0.0062	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.38		0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.6		0.22	0.093	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	7200		23	9.2	mg/Kg	1	✳	6010B	Total/NA
Arsenic	1.9		1.1	0.39	mg/Kg	1	✳	6010B	Total/NA
Barium	21		1.1	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.094	J B	0.23	0.041	mg/Kg	1	✳	6010B	Total/NA
Chromium	12		1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Copper	12		1.1	0.32	mg/Kg	1	✳	6010B	Total/NA
Iron	12000		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	3.7		0.57	0.26	mg/Kg	1	✳	6010B	Total/NA
Manganese	270		1.1	0.16	mg/Kg	1	✳	6010B	Total/NA
Nickel	15		1.1	0.33	mg/Kg	1	✳	6010B	Total/NA
Silver	0.41	J	0.57	0.15	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.76	J	1.1	0.56	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.037		0.018	0.0061	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.091	J	0.23	0.033	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	4200		24	9.6	mg/Kg	1	✳	6010B	Total/NA
Arsenic	1.0	J	1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	9.9		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.055	J B	0.24	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	7.9		1.2	0.58	mg/Kg	1	✳	6010B	Total/NA
Copper	9.4		1.2	0.33	mg/Kg	1	✳	6010B	Total/NA
Iron	7800		24	12	mg/Kg	1	✳	6010B	Total/NA
Lead	2.2		0.59	0.27	mg/Kg	1	✳	6010B	Total/NA
Manganese	160		1.2	0.17	mg/Kg	1	✳	6010B	Total/NA
Nickel	10		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Silver	0.17	J	0.59	0.15	mg/Kg	1	✳	6010B	Total/NA
Thallium	0.64	J	1.2	0.59	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.015	J	0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.059	J	0.23	0.049	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.24		0.23	0.034	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	2.7		0.23	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Aluminum	3700		23	9.5	mg/Kg	1	✳	6010B	Total/NA
Arsenic	0.58	J	1.2	0.40	mg/Kg	1	✳	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (10-11) (Continued)

Lab Sample ID: 500-198861-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	10		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.069	J B	0.23	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	6.4		1.2	0.57	mg/Kg	1	✳	6010B	Total/NA
Copper	6.6		1.2	0.32	mg/Kg	1	✳	6010B	Total/NA
Iron	6200		23	12	mg/Kg	1	✳	6010B	Total/NA
Lead	2.0		0.58	0.27	mg/Kg	1	✳	6010B	Total/NA
Manganese	120		1.2	0.17	mg/Kg	1	✳	6010B	Total/NA
Nickel	8.1		1.2	0.34	mg/Kg	1	✳	6010B	Total/NA
Silver	0.19	J	0.58	0.15	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0064	J	0.019	0.0064	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: TB-09-210506

Lab Sample ID: 500-198861-19

No Detections.

Client Sample ID: TB-10-210506

Lab Sample ID: 500-198861-20

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
6010B	Metals (ICP)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL 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 Plant No 9 - 1690019647

Job ID: 500-198861-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-198861-1	SB-210 (1-3)	Solid	05/05/21 14:50	05/08/21 11:15	
500-198861-2	SB-210 (8-9)	Solid	05/05/21 14:55	05/08/21 11:15	
500-198861-3	SB-211 (1-2)	Solid	05/06/21 09:25	05/08/21 11:15	
500-198861-4	SB-211 (3-4)	Solid	05/06/21 09:35	05/08/21 11:15	
500-198861-5	SB-215 (2-3)	Solid	05/06/21 10:10	05/08/21 11:15	
500-198861-6	SB-215 (7.5-8.5)	Solid	05/06/21 10:15	05/08/21 11:15	
500-198861-7	SB-215 (10-11)	Solid	05/06/21 10:20	05/08/21 11:15	
500-198861-8	SB-232 (2-3)	Solid	05/06/21 10:40	05/08/21 11:15	
500-198861-9	SB-232 (9-10)	Solid	05/06/21 10:45	05/08/21 11:15	
500-198861-10	SB-232 (11-12)	Solid	05/06/21 10:50	05/08/21 11:15	
500-198861-11	SB-229B (10-11)	Solid	05/06/21 13:00	05/08/21 11:15	
500-198861-12	FB-06-210506	Water	05/06/21 13:45	05/08/21 11:15	
500-198861-13	FB-05-210505	Water	05/05/21 16:00	05/08/21 11:15	
500-198861-14	SB-230A (12-13)	Solid	05/06/21 15:10	05/08/21 11:15	
500-198861-15	DUP-08-210506	Solid	05/06/21 15:10	05/08/21 11:15	
500-198861-16	SB-231A (2-3)	Solid	05/06/21 16:15	05/08/21 11:15	
500-198861-17	SB-231A (7-8)	Solid	05/06/21 16:20	05/08/21 11:15	
500-198861-18	SB-231A (10-11)	Solid	05/06/21 16:25	05/08/21 11:15	
500-198861-19	TB-09-210506	Solid	05/06/21 00:00	05/08/21 11:15	
500-198861-20	TB-10-210506	Solid	05/06/21 00:00	05/08/21 11:15	

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Bromobenzene	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Bromochloromethane	<30		70	30	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Bromodichloromethane	<26		70	26	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Bromoform	<34	F1	70	34	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Bromomethane	<55		210	55	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Carbon tetrachloride	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Chlorobenzene	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Chloroethane	<35		70	35	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Chloroform	<26		140	26	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Chloromethane	<22		70	22	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
2-Chlorotoluene	<22		70	22	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
4-Chlorotoluene	<24		70	24	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
cis-1,2-Dichloroethene	<28		70	28	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Dibromochloromethane	<34	F1	70	34	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2-Dibromo-3-Chloropropane	<140	*- F1	350	140	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2-Dibromoethane	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Dibromomethane	<19		70	19	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,4-Dichlorobenzene	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1-Dichloroethane	<29		70	29	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2-Dichloroethane	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1-Dichloroethene	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2-Dichloropropane	<30		70	30	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,3-Dichloropropane	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
2,2-Dichloropropane	<31		70	31	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1-Dichloropropene	<21		70	21	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Ethylbenzene	<13		17	13	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Hexachlorobutadiene	<31		70	31	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Isopropylbenzene	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Isopropyl ether	<19		70	19	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Methylene Chloride	<110		350	110	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Methyl tert-butyl ether	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Naphthalene	26	J	70	23	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
n-Butylbenzene	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
N-Propylbenzene	<29		70	29	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
p-Isopropyltoluene	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
sec-Butylbenzene	<28		70	28	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Styrene	<27		70	27	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
tert-Butylbenzene	<28		70	28	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1,1,2-Tetrachloroethane	<32		70	32	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1,2,2-Tetrachloroethane	<28	F1	70	28	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Tetrachloroethene	<26		70	26	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Toluene	<10		17	10	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
trans-1,2-Dichloroethene	<24		70	24	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
trans-1,3-Dichloropropene	<25	F1	70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1,1-Trichloroethane	<26		70	26	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Trichloroethene	<11		35	11	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
1,3,5-Trimethylbenzene	<26		70	26	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Xylenes, Total	<15		35	15	ug/Kg	☼	05/05/21 14:50	05/18/21 16:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124				05/05/21 14:50	05/18/21 16:25	50
Dibromofluoromethane (Surr)	83		75 - 120				05/05/21 14:50	05/18/21 16:25	50
1,2-Dichloroethane-d4 (Surr)	89		75 - 126				05/05/21 14:50	05/18/21 16:25	50
Toluene-d8 (Surr)	97		75 - 120				05/05/21 14:50	05/18/21 16:25	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	29	J	38	6.9	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Acenaphthylene	20	J	38	5.1	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Anthracene	69		38	6.4	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Benzo[a]anthracene	170		38	5.2	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Benzo[a]pyrene	180	*3	38	7.4	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Benzo[b]fluoranthene	220	*3 F1	38	8.3	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Benzo[g,h,i]perylene	78	*3 F1	38	12	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Benzo[k]fluoranthene	120	*3 F1	38	11	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Chrysene	180		38	10	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Dibenz(a,h)anthracene	23	J *3 F1	38	7.4	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Fluoranthene	300	F1 F2	38	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Fluorene	23	J	38	5.4	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Indeno[1,2,3-cd]pyrene	71	*3 F1	38	9.9	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
1-Methylnaphthalene	200		77	9.4	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
2-Methylnaphthalene	230		77	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Naphthalene	170		38	5.9	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Phenanthrene	310	F1 F2	38	5.3	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Pyrene	320	F1 F2	38	7.6	ug/Kg	☼	05/18/21 20:05	05/19/21 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		43 - 145				05/18/21 20:05	05/19/21 17:28	1
Nitrobenzene-d5 (Surr)	83		37 - 147				05/18/21 20:05	05/19/21 17:28	1
Terphenyl-d14 (Surr)	96		42 - 157				05/18/21 20:05	05/19/21 17:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
PCB-1221	<8.5		19	8.5	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
PCB-1254	<4.2		19	4.2	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
PCB-1260	<9.5		19	9.5	ug/Kg	☼	05/19/21 16:04	05/20/21 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		49 - 129				05/19/21 16:04	05/20/21 01:19	1
DCB Decachlorobiphenyl	67		37 - 121				05/19/21 16:04	05/20/21 01:19	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.045	J	0.22	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluoropentanoic acid (PFPeA)	<0.086		0.22	0.086	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorohexanoic acid (PFHxA)	0.065	J	0.22	0.047	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluoroheptanoic acid (PFHpA)	0.17	J	0.22	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorooctanoic acid (PFOA)	3.5	F1	0.22	0.096	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorodecanoic acid (PFDA)	0.14	J	0.22	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorododecanoic acid (PFDoA)	<0.075		0.22	0.075	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorotridecanoic acid (PFTTrDA)	<0.057		0.22	0.057	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorotetradecanoic acid (PFTTeA)	<0.061		0.22	0.061	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.22	0.035	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorooctanesulfonic acid (PFOS)	0.34	J	0.56	0.22	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.22	0.044	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorododecanesulfonic acid (PFDoS)	<0.067		0.22	0.067	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.22	0.092	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NMeFOSA	<0.046		0.22	0.046	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NMeFOSAA	<0.44		2.2	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NEtFOSAA	<0.41		2.2	0.41	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NMeFOSE	<0.080		0.22	0.080	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
6:2 FTS	<0.17		2.2	0.17	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	*+ F1	0.22	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
9Cl-PF3ONS	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
11Cl-PF3OUdS	<0.025		0.22	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 14:47	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	75		25 - 150				05/15/21 07:35	05/16/21 14:47	1
13C5 PFPeA	68		25 - 150				05/15/21 07:35	05/16/21 14:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.5

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	71		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C4 PFHpA	73		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C4 PFOA	77		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C5 PFNA	73		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C2 PFDA	69		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C2 PFUnA	73		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C2 PFDoA	74		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C2 PFTeDA	71		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C3 PFBS	51		25 - 150	05/15/21 07:35	05/16/21 14:47	1
18O2 PFHxS	51		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C4 PFOS	50		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C8 FOSA	59		10 - 150	05/15/21 07:35	05/16/21 14:47	1
d3-NMeFOSAA	70		25 - 150	05/15/21 07:35	05/16/21 14:47	1
d5-NEtFOSAA	56		25 - 150	05/15/21 07:35	05/16/21 14:47	1
d-N-MeFOSA-M	50		10 - 150	05/15/21 07:35	05/16/21 14:47	1
d-N-EtFOSA-M	55		10 - 150	05/15/21 07:35	05/16/21 14:47	1
d7-N-MeFOSE-M	67		10 - 150	05/15/21 07:35	05/16/21 14:47	1
d9-N-EtFOSE-M	60		10 - 150	05/15/21 07:35	05/16/21 14:47	1
M2-4:2 FTS	74		25 - 150	05/15/21 07:35	05/16/21 14:47	1
M2-6:2 FTS	105		25 - 150	05/15/21 07:35	05/16/21 14:47	1
M2-8:2 FTS	82		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C3 HFPO-DA	63		25 - 150	05/15/21 07:35	05/16/21 14:47	1
13C2 10:2 FTS	69		25 - 150	05/15/21 07:35	05/16/21 14:47	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4800	V	20	8.2	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Antimony	0.60	J F1	2.0	0.39	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Arsenic	3.4		1.0	0.34	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Barium	39	V	1.0	0.11	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Cadmium	0.33	B	0.20	0.036	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Chromium	11		1.0	0.50	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Copper	24	F1 V	1.0	0.28	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Iron	9100	V	20	10	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Lead	35	F1	0.50	0.23	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Manganese	160	F1 V	1.0	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Nickel	11		1.0	0.29	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Silver	0.27	J	0.50	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1
Thallium	0.55	J	1.0	0.50	mg/Kg	☼	05/18/21 16:46	05/19/21 16:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037	F1 F2	0.019	0.0064	mg/Kg	☼	05/18/21 15:00	05/19/21 08:34	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		20	11	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Bromobenzene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Bromochloromethane	<34		79	34	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Bromodichloromethane	<29		79	29	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Bromoform	<38		79	38	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Bromomethane	<63		240	63	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Carbon tetrachloride	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Chlorobenzene	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Chloroethane	<40		79	40	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Chloroform	<29		160	29	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Chloromethane	<25		79	25	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
2-Chlorotoluene	<25		79	25	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
4-Chlorotoluene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Dibromochloromethane	<38		79	38	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2-Dibromo-3-Chloropropane	<160	*	390	160	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2-Dibromoethane	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Dibromomethane	<21		79	21	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2-Dichlorobenzene	<26		79	26	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,3-Dichlorobenzene	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Dichlorodifluoromethane	<53		240	53	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1-Dichloroethane	<32		79	32	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2-Dichloroethane	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1-Dichloroethene	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2-Dichloropropane	<34		79	34	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,3-Dichloropropane	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
2,2-Dichloropropane	<35		79	35	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1-Dichloropropene	<23		79	23	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Ethylbenzene	<14		20	14	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Hexachlorobutadiene	<35		79	35	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Isopropylbenzene	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Isopropyl ether	<22		79	22	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Methylene Chloride	<130		390	130	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Naphthalene	<26		79	26	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
n-Butylbenzene	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
N-Propylbenzene	<33		79	33	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
p-Isopropyltoluene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
sec-Butylbenzene	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Styrene	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
tert-Butylbenzene	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1,1,2-Tetrachloroethane	<36		79	36	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1,2,2-Tetrachloroethane	<31		79	31	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Tetrachloroethene	<29		79	29	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Toluene	<12		20	12	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
trans-1,3-Dichloropropene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Trichloroethene	<13		39	13	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Trichlorofluoromethane	<34		79	34	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,2,4-Trimethylbenzene	<28		79	28	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
1,3,5-Trimethylbenzene	<30		79	30	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Vinyl chloride	<21		79	21	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Xylenes, Total	<17		39	17	ug/Kg	☼	05/05/21 14:55	05/19/21 18:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124				05/05/21 14:55	05/19/21 18:51	50
Dibromofluoromethane (Surr)	99		75 - 120				05/05/21 14:55	05/19/21 18:51	50
1,2-Dichloroethane-d4 (Surr)	105		75 - 126				05/05/21 14:55	05/19/21 18:51	50
Toluene-d8 (Surr)	96		75 - 120				05/05/21 14:55	05/19/21 18:51	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<7.6		42	7.6	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Acenaphthylene	<5.5		42	5.5	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Anthracene	<7.0		42	7.0	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Benzo[a]anthracene	<5.7		42	5.7	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Benzo[a]pyrene	<8.1		42	8.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Benzo[b]fluoranthene	<9.1		42	9.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Benzo[g,h,i]perylene	<14		42	14	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Benzo[k]fluoranthene	<12		42	12	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Chrysene	<11		42	11	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Dibenz(a,h)anthracene	<8.1		42	8.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Fluoranthene	<7.8		42	7.8	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Fluorene	<5.9		42	5.9	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Indeno[1,2,3-cd]pyrene	<11		42	11	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
1-Methylnaphthalene	<10		85	10	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
2-Methylnaphthalene	<7.7		85	7.7	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Naphthalene	<6.5		42	6.5	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Phenanthrene	<5.9		42	5.9	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Pyrene	<8.4		42	8.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	77		43 - 145				05/18/21 20:05	05/19/21 13:34	1
Nitrobenzene-d5 (Surr)	77		37 - 147				05/18/21 20:05	05/19/21 13:34	1
Terphenyl-d14 (Surr)	94		42 - 157				05/18/21 20:05	05/19/21 13:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
PCB-1221	<9.0		20	9.0	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
PCB-1232	<8.9		20	8.9	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.0		20	8.0	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
PCB-1260	<10		20	10	ug/Kg	☼	05/19/21 16:04	05/20/21 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		49 - 129				05/19/21 16:04	05/20/21 02:06	1
DCB Decachlorobiphenyl	56		37 - 121				05/19/21 16:04	05/20/21 02:06	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.033		0.24	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluoropentanoic acid (PFPeA)	<0.091		0.24	0.091	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.24	0.034	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorooctanoic acid (PFOA)	3.3		0.24	0.10	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorododecanoic acid (PFDoA)	<0.079		0.24	0.079	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorotridecanoic acid (PFTTrDA)	<0.060		0.24	0.060	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorotetradecanoic acid (PFTTeA)	<0.064		0.24	0.064	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.59	0.24	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Perfluorooctanesulfonamide (FOSA)	<0.097		0.24	0.097	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NEtFOSA	<0.028		0.24	0.028	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NMeFOSE	<0.084		0.24	0.084	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	+	0.24	0.021	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 15:14	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	72		25 - 150				05/15/21 07:35	05/16/21 15:14	1
13C5 PFPeA	72		25 - 150				05/15/21 07:35	05/16/21 15:14	1
13C2 PFHxA	71		25 - 150				05/15/21 07:35	05/16/21 15:14	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.1

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	80		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C4 PFOA	85		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C5 PFNA	83		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C2 PFDA	74		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C2 PFUnA	81		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C2 PFDoA	84		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C2 PFTeDA	81		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C3 PFBS	62		25 - 150	05/15/21 07:35	05/16/21 15:14	1
18O2 PFHxS	65		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C4 PFOS	60		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C8 FOSA	63		10 - 150	05/15/21 07:35	05/16/21 15:14	1
d3-NMeFOSAA	71		25 - 150	05/15/21 07:35	05/16/21 15:14	1
d5-NEtFOSAA	68		25 - 150	05/15/21 07:35	05/16/21 15:14	1
d-N-MeFOSA-M	60		10 - 150	05/15/21 07:35	05/16/21 15:14	1
d-N-EtFOSA-M	60		10 - 150	05/15/21 07:35	05/16/21 15:14	1
d7-N-MeFOSE-M	77		10 - 150	05/15/21 07:35	05/16/21 15:14	1
d9-N-EtFOSE-M	72		10 - 150	05/15/21 07:35	05/16/21 15:14	1
M2-4:2 FTS	75		25 - 150	05/15/21 07:35	05/16/21 15:14	1
M2-6:2 FTS	98		25 - 150	05/15/21 07:35	05/16/21 15:14	1
M2-8:2 FTS	80		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C3 HFPO-DA	73		25 - 150	05/15/21 07:35	05/16/21 15:14	1
13C2 10:2 FTS	67		25 - 150	05/15/21 07:35	05/16/21 15:14	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		24	9.6	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Antimony	<0.46		2.4	0.46	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Arsenic	0.74	J	1.2	0.40	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Barium	12		1.2	0.13	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Cadmium	0.083	J B	0.24	0.042	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Chromium	8.3		1.2	0.58	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Copper	7.9		1.2	0.33	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Iron	7100		24	12	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Lead	2.2		0.59	0.27	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Manganese	150		1.2	0.17	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Nickel	8.5		1.2	0.34	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Selenium	<0.69		1.2	0.69	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Silver	0.22	J	0.59	0.15	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1
Thallium	0.81	J	1.2	0.59	mg/Kg	☆	05/18/21 16:46	05/19/21 17:09	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0086	J	0.020	0.0068	mg/Kg	☆	05/18/21 15:00	05/19/21 08:42	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (1-2)

Lab Sample ID: 500-198861-3

Date Collected: 05/06/21 09:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Bromobenzene	<24		68	24	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Bromochloromethane	<29		68	29	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Bromodichloromethane	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Bromoform	<33		68	33	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Bromomethane	<54		200	54	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Carbon tetrachloride	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Chlorobenzene	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Chloroethane	<34		68	34	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Chloroform	<25		140	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Chloromethane	<22		68	22	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
2-Chlorotoluene	<21		68	21	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
4-Chlorotoluene	<24		68	24	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
cis-1,2-Dichloroethene	<28		68	28	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
cis-1,3-Dichloropropene	<28		68	28	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Dibromochloromethane	<33		68	33	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,2-Dibromo-3-Chloropropane	<140	*	340	140	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,2-Dibromoethane	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Dibromomethane	<18		68	18	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,2-Dichlorobenzene	<23		68	23	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,3-Dichlorobenzene	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,4-Dichlorobenzene	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Dichlorodifluoromethane	<46		200	46	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,1-Dichloroethane	<28		68	28	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,2-Dichloroethane	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,1-Dichloroethene	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,2-Dichloropropane	<29		68	29	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,3-Dichloropropane	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
2,2-Dichloropropane	<30		68	30	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,1-Dichloropropene	<20		68	20	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Ethylbenzene	14	J	17	12	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Hexachlorobutadiene	<30		68	30	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Isopropylbenzene	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Isopropyl ether	<19		68	19	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Methylene Chloride	<110		340	110	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Methyl tert-butyl ether	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Naphthalene	46	J	68	23	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
n-Butylbenzene	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
N-Propylbenzene	<28		68	28	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
p-Isopropyltoluene	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
sec-Butylbenzene	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Styrene	<26		68	26	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
tert-Butylbenzene	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,1,1,2-Tetrachloroethane	<31		68	31	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
1,1,2,2-Tetrachloroethane	<27		68	27	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Tetrachloroethene	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
Toluene	32		17	10	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
trans-1,2-Dichloroethene	<24		68	24	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50
trans-1,3-Dichloropropene	<25		68	25	ug/Kg	✳	05/06/21 09:25	05/19/21 20:10	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (1-2)

Lab Sample ID: 500-198861-3

Date Collected: 05/06/21 09:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		68	31	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,2,4-Trichlorobenzene	<23		68	23	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,1,1-Trichloroethane	<26		68	26	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,1,2-Trichloroethane	<24		68	24	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
Trichloroethene	96		34	11	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
Trichlorofluoromethane	<29		68	29	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,2,4-Trimethylbenzene	<24		68	24	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
1,3,5-Trimethylbenzene	<26		68	26	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
Vinyl chloride	<18		68	18	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50
Xylenes, Total	140		34	15	ug/Kg	☼	05/06/21 09:25	05/19/21 20:10	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124	05/06/21 09:25	05/19/21 20:10	50
Dibromofluoromethane (Surr)	96		75 - 120	05/06/21 09:25	05/19/21 20:10	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126	05/06/21 09:25	05/19/21 20:10	50
Toluene-d8 (Surr)	99		75 - 120	05/06/21 09:25	05/19/21 20:10	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	7.3	J	38	6.9	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Acenaphthylene	11	J	38	5.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Anthracene	19	J	38	6.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Benzo[a]anthracene	130		38	5.2	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Benzo[a]pyrene	190		38	7.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Benzo[b]fluoranthene	260		38	8.3	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Benzo[g,h,i]perylene	140		38	12	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Benzo[k]fluoranthene	93		38	11	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Chrysene	180		38	10	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Dibenz(a,h)anthracene	37	J	38	7.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Fluoranthene	200		38	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Fluorene	6.7	J	38	5.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Indeno[1,2,3-cd]pyrene	120		38	10	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
1-Methylnaphthalene	29	J	77	9.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
2-Methylnaphthalene	33	J	77	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Naphthalene	25	J	38	5.9	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Phenanthrene	120		38	5.4	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1
Pyrene	200		38	7.6	ug/Kg	☼	05/18/21 20:05	05/19/21 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	66		43 - 145	05/18/21 20:05	05/19/21 13:55	1
Nitrobenzene-d5 (Surr)	62		37 - 147	05/18/21 20:05	05/19/21 13:55	1
Terphenyl-d14 (Surr)	81		42 - 157	05/18/21 20:05	05/19/21 13:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (1-2)

Lab Sample ID: 500-198861-3

Date Collected: 05/06/21 09:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
PCB-1254	22		20	4.2	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	05/19/21 16:04	05/20/21 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		49 - 129				05/19/21 16:04	05/20/21 02:21	1
DCB Decachlorobiphenyl	55		37 - 121				05/19/21 16:04	05/20/21 02:21	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoropentanoic acid (PFPeA)	<0.084		0.22	0.084	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorohexanoic acid (PFHxA)	<0.046		0.22	0.046	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoroheptanoic acid (PFHpA)	<0.032		0.22	0.032	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorooctanoic acid (PFOA)	0.43		0.22	0.094	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorododecanoic acid (PFDoA)	<0.073		0.22	0.073	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorotridecanoic acid (PFTTrDA)	<0.055		0.22	0.055	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorotetradecanoic acid (PFTTeA)	<0.059		0.22	0.059	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.54	0.22	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.22	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Perfluorooctanesulfonamide (FOSA)	<0.089		0.22	0.089	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NMeFOSAA	<0.42		2.2	0.42	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NEtFOSAA	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NMeFOSE	<0.077		0.22	0.077	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	*	0.22	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
9Cl-PF3ONS	<0.029		0.22	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
11Cl-PF3OUdS	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 15:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	69		25 - 150				05/15/21 07:35	05/16/21 15:24	1
13C5 PFPeA	74		25 - 150				05/15/21 07:35	05/16/21 15:24	1
13C2 PFHxA	82		25 - 150				05/15/21 07:35	05/16/21 15:24	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (1-2)

Lab Sample ID: 500-198861-3

Date Collected: 05/06/21 09:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.6

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	90		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C4 PFOA	79		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C5 PFNA	83		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C2 PFDA	72		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C2 PFUnA	85		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C2 PFDoA	77		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C2 PFTeDA	83		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C3 PFBS	61		25 - 150	05/15/21 07:35	05/16/21 15:24	1
18O2 PFHxS	59		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C4 PFOS	54		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C8 FOSA	61		10 - 150	05/15/21 07:35	05/16/21 15:24	1
d3-NMeFOSAA	67		25 - 150	05/15/21 07:35	05/16/21 15:24	1
d5-NEtFOSAA	71		25 - 150	05/15/21 07:35	05/16/21 15:24	1
d-N-MeFOSA-M	55		10 - 150	05/15/21 07:35	05/16/21 15:24	1
d-N-EtFOSA-M	59		10 - 150	05/15/21 07:35	05/16/21 15:24	1
d7-N-MeFOSE-M	75		10 - 150	05/15/21 07:35	05/16/21 15:24	1
d9-N-EtFOSE-M	69		10 - 150	05/15/21 07:35	05/16/21 15:24	1
M2-4:2 FTS	93		25 - 150	05/15/21 07:35	05/16/21 15:24	1
M2-6:2 FTS	127		25 - 150	05/15/21 07:35	05/16/21 15:24	1
M2-8:2 FTS	90		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C3 HFPO-DA	70		25 - 150	05/15/21 07:35	05/16/21 15:24	1
13C2 10:2 FTS	69		25 - 150	05/15/21 07:35	05/16/21 15:24	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		22	9.1	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Antimony	<0.43		2.2	0.43	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Arsenic	7.6		1.1	0.38	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Barium	24		1.1	0.13	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Cadmium	0.16	J B	0.22	0.040	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Chromium	10		1.1	0.55	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Copper	140		1.1	0.31	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Iron	11000		22	12	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Lead	25		0.55	0.26	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Manganese	200		1.1	0.16	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Nickel	12		1.1	0.32	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Selenium	<0.65		1.1	0.65	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Silver	0.40	J	0.55	0.14	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1
Thallium	<0.55		1.1	0.55	mg/Kg	✧	05/18/21 16:46	05/19/21 17:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.018	0.0059	mg/Kg	✧	05/18/21 15:00	05/19/21 08:44	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (3-4)

Lab Sample ID: 500-198861-4

Date Collected: 05/06/21 09:35

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		17	10	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Bromobenzene	<25		70	25	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Bromochloromethane	<30		70	30	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Bromodichloromethane	<26		70	26	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Bromoform	<34		70	34	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Bromomethane	<55		210	55	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Carbon tetrachloride	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Chlorobenzene	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Chloroethane	<35		70	35	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Chloroform	<26		140	26	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Chloromethane	<22		70	22	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
2-Chlorotoluene	<22		70	22	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
4-Chlorotoluene	<24		70	24	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
cis-1,2-Dichloroethene	<28		70	28	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Dibromochloromethane	<34		70	34	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,2-Dibromo-3-Chloropropane	<140	*	350	140	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,2-Dibromoethane	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Dibromomethane	<19		70	19	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,4-Dichlorobenzene	<25		70	25	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,1-Dichloroethane	<29		70	29	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,2-Dichloroethane	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,1-Dichloroethene	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,2-Dichloropropane	<30		70	30	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,3-Dichloropropane	<25		70	25	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
2,2-Dichloropropane	<31		70	31	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,1-Dichloropropene	<21		70	21	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Ethylbenzene	<13		17	13	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Hexachlorobutadiene	<31		70	31	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Isopropylbenzene	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Isopropyl ether	<19		70	19	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Methylene Chloride	<110		350	110	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Methyl tert-butyl ether	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Naphthalene	<23		70	23	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
n-Butylbenzene	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
N-Propylbenzene	<29		70	29	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
p-Isopropyltoluene	<25		70	25	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
sec-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Styrene	<27		70	27	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
tert-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,1,1,2-Tetrachloroethane	<32		70	32	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Tetrachloroethene	<26		70	26	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
Toluene	<10		17	10	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
trans-1,2-Dichloroethene	<24		70	24	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50
trans-1,3-Dichloropropene	<25		70	25	ug/Kg	✳	05/06/21 09:35	05/19/21 20:36	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (3-4)

Lab Sample ID: 500-198861-4

Date Collected: 05/06/21 09:35

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,1,1-Trichloroethane	<26		70	26	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,1,2-Trichloroethane	<24		70	24	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
Trichloroethene	75		35	11	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
1,3,5-Trimethylbenzene	<26		70	26	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
Xylenes, Total	<15		35	15	ug/Kg	☼	05/06/21 09:35	05/19/21 20:36	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124				05/06/21 09:35	05/19/21 20:36	50
Dibromofluoromethane (Surr)	96		75 - 120				05/06/21 09:35	05/19/21 20:36	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				05/06/21 09:35	05/19/21 20:36	50
Toluene-d8 (Surr)	99		75 - 120				05/06/21 09:35	05/19/21 20:36	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	48		38	6.9	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Acenaphthylene	10	J	38	5.1	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Anthracene	89		38	6.4	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Benzo[a]anthracene	310		38	5.2	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Benzo[a]pyrene	480		38	7.5	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Benzo[b]fluoranthene	600		38	8.3	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Benzo[g,h,i]perylene	260		38	12	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Benzo[k]fluoranthene	250		38	11	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Chrysene	340		38	11	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Dibenz(a,h)anthracene	67		38	7.4	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Fluoranthene	490		38	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Fluorene	34	J	38	5.4	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Indeno[1,2,3-cd]pyrene	230		38	10	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
1-Methylnaphthalene	50	J	78	9.4	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
2-Methylnaphthalene	45	J	78	7.1	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Naphthalene	44		38	5.9	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Phenanthrene	460		38	5.4	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Pyrene	530		38	7.7	ug/Kg	☼	05/18/21 20:05	05/19/21 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		43 - 145				05/18/21 20:05	05/19/21 16:03	1
Nitrobenzene-d5 (Surr)	82		37 - 147				05/18/21 20:05	05/19/21 16:03	1
Terphenyl-d14 (Surr)	92		42 - 157				05/18/21 20:05	05/19/21 16:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (3-4)

Lab Sample ID: 500-198861-4

Date Collected: 05/06/21 09:35

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
PCB-1254	<4.3		20	4.3	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
PCB-1260	<9.7		20	9.7	ug/Kg	☼	05/19/21 16:04	05/20/21 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		49 - 129				05/19/21 16:04	05/20/21 02:37	1
DCB Decachlorobiphenyl	67		37 - 121				05/19/21 16:04	05/20/21 02:37	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.031		0.22	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluoropentanoic acid (PFPeA)	<0.086		0.22	0.086	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.22	0.047	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.22	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorooctanoic acid (PFOA)	0.78		0.22	0.096	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorodecanoic acid (PFDA)	<0.025		0.22	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorododecanoic acid (PFDoA)	<0.075		0.22	0.075	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorotridecanoic acid (PFTTrDA)	<0.057		0.22	0.057	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorotetradecanoic acid (PFTTeA)	<0.061		0.22	0.061	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.22	0.035	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.56	0.22	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.22	0.044	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorododecanesulfonic acid (PFDoS)	<0.067		0.22	0.067	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.22	0.092	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NMeFOSA	<0.046		0.22	0.046	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NMeFOSAA	<0.44		2.2	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NEtFOSAA	<0.41		2.2	0.41	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NMeFOSE	<0.080		0.22	0.080	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
6:2 FTS	<0.17		2.2	0.17	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	+	0.22	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
9Cl-PF3ONS	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
11Cl-PF3OUdS	<0.025		0.22	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 15:33	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	75		25 - 150				05/15/21 07:35	05/16/21 15:33	1
13C5 PFPeA	73		25 - 150				05/15/21 07:35	05/16/21 15:33	1
13C2 PFHxA	77		25 - 150				05/15/21 07:35	05/16/21 15:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (3-4)

Lab Sample ID: 500-198861-4

Date Collected: 05/06/21 09:35

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 84.2

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	78		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C4 PFOA	76		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C5 PFNA	85		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C2 PFDA	80		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C2 PFUnA	84		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C2 PFDoA	89		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C2 PFTeDA	81		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C3 PFBS	56		25 - 150	05/15/21 07:35	05/16/21 15:33	1
18O2 PFHxS	61		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C4 PFOS	59		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C8 FOSA	62		10 - 150	05/15/21 07:35	05/16/21 15:33	1
d3-NMeFOSAA	79		25 - 150	05/15/21 07:35	05/16/21 15:33	1
d5-NEtFOSAA	69		25 - 150	05/15/21 07:35	05/16/21 15:33	1
d-N-MeFOSA-M	58		10 - 150	05/15/21 07:35	05/16/21 15:33	1
d-N-EtFOSA-M	59		10 - 150	05/15/21 07:35	05/16/21 15:33	1
d7-N-MeFOSE-M	77		10 - 150	05/15/21 07:35	05/16/21 15:33	1
d9-N-EtFOSE-M	70		10 - 150	05/15/21 07:35	05/16/21 15:33	1
M2-4:2 FTS	84		25 - 150	05/15/21 07:35	05/16/21 15:33	1
M2-6:2 FTS	122		25 - 150	05/15/21 07:35	05/16/21 15:33	1
M2-8:2 FTS	88		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C3 HFPO-DA	74		25 - 150	05/15/21 07:35	05/16/21 15:33	1
13C2 10:2 FTS	77		25 - 150	05/15/21 07:35	05/16/21 15:33	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5600		23	9.2	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Antimony	<0.44		2.3	0.44	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Arsenic	4.2		1.1	0.39	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Barium	67		1.1	0.13	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Cadmium	0.14	J B	0.23	0.041	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Chromium	12		1.1	0.56	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Copper	110		1.1	0.32	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Iron	9100		23	12	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Lead	23		0.56	0.26	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Manganese	310		1.1	0.16	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Nickel	10		1.1	0.33	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Selenium	<0.66		1.1	0.66	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Silver	0.31	J	0.56	0.15	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1
Thallium	0.80	J	1.1	0.56	mg/Kg	✧	05/18/21 16:46	05/19/21 17:16	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	J	0.019	0.0062	mg/Kg	✧	05/18/21 15:00	05/19/21 08:45	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (2-3)

Lab Sample ID: 500-198861-5

Date Collected: 05/06/21 10:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1221	<8.2		19	8.2	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1232	<8.1		19	8.1	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1242	<6.1		19	6.1	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1248	<7.3		19	7.3	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1254	<4.0		19	4.0	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1
PCB-1260	<9.1		19	9.1	ug/Kg	✱	05/19/21 16:04	05/20/21 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		49 - 129	05/19/21 16:04	05/20/21 02:52	1
DCB Decachlorobiphenyl	56		37 - 121	05/19/21 16:04	05/20/21 02:52	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorooctanoic acid (PFOA)	0.44		0.23	0.098	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorotridecanoic acid (PFTrDA)	<0.058		0.23	0.058	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorotetradecanoic acid (PFTeA)	<0.061		0.23	0.061	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluoronanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
Perfluorooctanesulfonamide (FOSA)	<0.093		0.23	0.093	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NMeFOSAA	<0.44		2.3	0.44	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		0.23	0.020	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
9CI-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1
11CI-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/16/21 19:45	05/17/21 15:25	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (2-3)

Lab Sample ID: 500-198861-5

Date Collected: 05/06/21 10:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.9

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	56		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C5 PFPeA	65		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 PFHxA	78		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C4 PFHpA	72		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C4 PFOA	76		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C5 PFNA	82		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 PFDA	78		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 PFUnA	75		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 PFDoA	80		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 PFTeDA	79		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C3 PFBS	61		25 - 150	05/16/21 19:45	05/17/21 15:25	1
18O2 PFHxS	67		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C4 PFOS	73		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C8 FOSA	67		10 - 150	05/16/21 19:45	05/17/21 15:25	1
d3-NMeFOSAA	71		25 - 150	05/16/21 19:45	05/17/21 15:25	1
d5-NEtFOSAA	65		25 - 150	05/16/21 19:45	05/17/21 15:25	1
d-N-MeFOSA-M	60		10 - 150	05/16/21 19:45	05/17/21 15:25	1
d-N-EtFOSA-M	62		10 - 150	05/16/21 19:45	05/17/21 15:25	1
d7-N-MeFOSE-M	76		10 - 150	05/16/21 19:45	05/17/21 15:25	1
d9-N-EtFOSE-M	66		10 - 150	05/16/21 19:45	05/17/21 15:25	1
M2-4:2 FTS	136		25 - 150	05/16/21 19:45	05/17/21 15:25	1
M2-6:2 FTS	176	*5+	25 - 150	05/16/21 19:45	05/17/21 15:25	1
M2-8:2 FTS	132		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C3 HFPO-DA	65		25 - 150	05/16/21 19:45	05/17/21 15:25	1
13C2 10:2 FTS	99		25 - 150	05/16/21 19:45	05/17/21 15:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4500		22	8.9	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Antimony	<0.42		2.2	0.42	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Arsenic	2.4		1.1	0.37	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Barium	16		1.1	0.12	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Cadmium	0.40	B	0.22	0.039	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Chromium	5.9		1.1	0.54	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Copper	250		1.1	0.30	mg/Kg	☆	05/18/21 16:46	05/20/21 12:43	1
Iron	6600		22	11	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Lead	20		0.54	0.25	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Manganese	150		1.1	0.16	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Nickel	8.5		1.1	0.32	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Selenium	<0.64		1.1	0.64	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Silver	0.26	J	0.54	0.14	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1
Thallium	<0.54		1.1	0.54	mg/Kg	☆	05/18/21 16:46	05/19/21 17:26	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.017	0.0057	mg/Kg	☆	05/18/21 15:00	05/19/21 08:48	1

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (7.5-8.5)

Lab Sample ID: 500-198861-6

Date Collected: 05/06/21 10:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 81.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1221	<8.6		20	8.6	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1232	<8.5		20	8.5	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1242	<6.4		20	6.4	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1248	<7.7		20	7.7	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1254	<4.2		20	4.2	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1
PCB-1260	<9.6		20	9.6	ug/Kg	✱	05/19/21 16:04	05/20/21 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		49 - 129	05/19/21 16:04	05/20/21 03:07	1
DCB Decachlorobiphenyl	55		37 - 121	05/19/21 16:04	05/20/21 03:07	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.15	J	0.23	0.032	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorohexanoic acid (PFHxA)	<0.049		0.23	0.049	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.23	0.034	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorooctanoic acid (PFOA)	0.90		0.23	0.099	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorotridecanoic acid (PFTrDA)	<0.059		0.23	0.059	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorotetradecanoic acid (PFTeA)	<0.062		0.23	0.062	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	*+	0.23	0.021	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
9CI-PF3ONS	<0.031		0.23	0.031	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1
11CI-PF3OUdS	<0.025		0.23	0.025	ug/Kg	✱	05/15/21 07:35	05/16/21 15:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (7.5-8.5)

Lab Sample ID: 500-198861-6

Date Collected: 05/06/21 10:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 81.8

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	63		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C5 PFPeA	60		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 PFHxA	76		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C4 PFHpA	72		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C4 PFOA	80		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C5 PFNA	86		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 PFDA	88		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 PFUnA	91		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 PFDoA	99		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 PFTeDA	82		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C3 PFBS	65		25 - 150	05/15/21 07:35	05/16/21 15:42	1
18O2 PFHxS	70		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C4 PFOS	66		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C8 FOSA	67		10 - 150	05/15/21 07:35	05/16/21 15:42	1
d3-NMeFOSAA	67		25 - 150	05/15/21 07:35	05/16/21 15:42	1
d5-NEtFOSAA	71		25 - 150	05/15/21 07:35	05/16/21 15:42	1
d-N-MeFOSA-M	64		10 - 150	05/15/21 07:35	05/16/21 15:42	1
d-N-EtFOSA-M	66		10 - 150	05/15/21 07:35	05/16/21 15:42	1
d7-N-MeFOSE-M	73		10 - 150	05/15/21 07:35	05/16/21 15:42	1
d9-N-EtFOSE-M	71		10 - 150	05/15/21 07:35	05/16/21 15:42	1
M2-4:2 FTS	208	*5+	25 - 150	05/15/21 07:35	05/16/21 15:42	1
M2-6:2 FTS	234	*5+	25 - 150	05/15/21 07:35	05/16/21 15:42	1
M2-8:2 FTS	158	*5+	25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C3 HFPO-DA	72		25 - 150	05/15/21 07:35	05/16/21 15:42	1
13C2 10:2 FTS	94		25 - 150	05/15/21 07:35	05/16/21 15:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		21	8.6	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Antimony	<0.41		2.1	0.41	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Arsenic	0.43	J	1.0	0.36	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Barium	6.9		1.0	0.12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Cadmium	0.072	J B	0.21	0.038	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Chromium	9.1		1.0	0.52	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Copper	6.5		1.0	0.29	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Iron	6100		21	11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Lead	1.4		0.52	0.24	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Manganese	140		1.0	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Nickel	7.3		1.0	0.31	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Selenium	<0.62		1.0	0.62	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Silver	0.17	J	0.52	0.14	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1
Thallium	<0.52		1.0	0.52	mg/Kg	☼	05/18/21 16:46	05/19/21 17:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0064	mg/Kg	☼	05/18/21 15:00	05/19/21 08:49	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (10-11)

Lab Sample ID: 500-198861-7

Date Collected: 05/06/21 10:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.4		21	7.4	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1221	<9.2		21	9.2	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1232	<9.1		21	9.1	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1242	<6.9		21	6.9	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1248	<8.2		21	8.2	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1254	<4.5		21	4.5	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1
PCB-1260	<10		21	10	ug/Kg	✱	05/19/21 16:04	05/20/21 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		49 - 129	05/19/21 16:04	05/20/21 03:23	1
DCB Decachlorobiphenyl	70		37 - 121	05/19/21 16:04	05/20/21 03:23	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.034		0.24	0.034	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluoropentanoic acid (PFPeA)	<0.093		0.24	0.093	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorohexanoic acid (PFHxA)	0.056	J	0.24	0.051	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluoroheptanoic acid (PFHpA)	0.071	J	0.24	0.035	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorooctanoic acid (PFOA)	2.3		0.24	0.10	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorononanoic acid (PFNA)	<0.044		0.24	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorodecanoic acid (PFDA)	<0.027		0.24	0.027	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluoroundecanoic acid (PFUnA)	<0.044		0.24	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorododecanoic acid (PFDoA)	<0.081		0.24	0.081	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorotridecanoic acid (PFTrDA)	<0.062		0.24	0.062	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorotetradecanoic acid (PFTeA)	<0.065		0.24	0.065	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.60	0.24	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.073		0.24	0.073	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
Perfluorooctanesulfonamide (FOSA)	<0.099		0.24	0.099	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NMeFOSA	<0.050		0.24	0.050	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NMeFOSAA	<0.47		2.4	0.47	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NEtFOSAA	<0.45		2.4	0.45	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NMeFOSE	<0.086		0.24	0.086	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
NEtFOSE	<0.044		0.24	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
4:2 FTS	<0.45		2.4	0.45	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.022	*+	0.24	0.022	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
9CI-PF3ONS	<0.033		0.24	0.033	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1
11CI-PF3OUdS	<0.027		0.24	0.027	ug/Kg	✱	05/15/21 07:35	05/16/21 15:51	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (10-11)

Lab Sample ID: 500-198861-7

Date Collected: 05/06/21 10:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.0

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	69		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C5 PFPeA	75		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 PFHxA	82		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C4 PFHpA	92		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C4 PFOA	84		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C5 PFNA	91		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 PFDA	85		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 PFUnA	91		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 PFDoA	85		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 PFTeDA	77		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C3 PFBS	71		25 - 150	05/15/21 07:35	05/16/21 15:51	1
18O2 PFHxS	73		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C4 PFOS	64		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C8 FOSA	72		10 - 150	05/15/21 07:35	05/16/21 15:51	1
d3-NMeFOSAA	70		25 - 150	05/15/21 07:35	05/16/21 15:51	1
d5-NEtFOSAA	74		25 - 150	05/15/21 07:35	05/16/21 15:51	1
d-N-MeFOSA-M	66		10 - 150	05/15/21 07:35	05/16/21 15:51	1
d-N-EtFOSA-M	62		10 - 150	05/15/21 07:35	05/16/21 15:51	1
d7-N-MeFOSE-M	81		10 - 150	05/15/21 07:35	05/16/21 15:51	1
d9-N-EtFOSE-M	71		10 - 150	05/15/21 07:35	05/16/21 15:51	1
M2-4:2 FTS	208	*5+	25 - 150	05/15/21 07:35	05/16/21 15:51	1
M2-6:2 FTS	211	*5+	25 - 150	05/15/21 07:35	05/16/21 15:51	1
M2-8:2 FTS	140		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C3 HFPO-DA	73		25 - 150	05/15/21 07:35	05/16/21 15:51	1
13C2 10:2 FTS	77		25 - 150	05/15/21 07:35	05/16/21 15:51	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		26	10	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Antimony	<0.50		2.6	0.50	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Arsenic	0.48	J	1.3	0.44	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Barium	10		1.3	0.15	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Cadmium	0.064	J B	0.26	0.046	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Chromium	10		1.3	0.63	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Copper	7.1		1.3	0.36	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Iron	6300		26	13	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Lead	2.3		0.64	0.30	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Manganese	150		1.3	0.19	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Nickel	7.9		1.3	0.37	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Selenium	<0.75		1.3	0.75	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Silver	0.21	J	0.64	0.17	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1
Thallium	0.71	J	1.3	0.64	mg/Kg	☆	05/18/21 16:46	05/19/21 17:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.021	0.0068	mg/Kg	☆	05/18/21 15:00	05/19/21 09:02	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.4		16	9.4	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Bromobenzene	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Bromochloromethane	<28		65	28	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Bromodichloromethane	<24		65	24	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Bromoform	<31		65	31	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Bromomethane	<51		190	51	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Carbon tetrachloride	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Chlorobenzene	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Chloroethane	<33		65	33	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Chloroform	<24		130	24	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Chloromethane	<21		65	21	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
2-Chlorotoluene	<20		65	20	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
4-Chlorotoluene	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
cis-1,2-Dichloroethene	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
cis-1,3-Dichloropropene	<27		65	27	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Dibromochloromethane	<32		65	32	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,2-Dibromo-3-Chloropropane	<130	*	320	130	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,2-Dibromoethane	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Dibromomethane	<17		65	17	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,2-Dichlorobenzene	<22		65	22	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,3-Dichlorobenzene	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,4-Dichlorobenzene	<24		65	24	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Dichlorodifluoromethane	<44		190	44	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,1-Dichloroethane	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,2-Dichloroethane	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,1-Dichloroethene	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,2-Dichloropropane	<28		65	28	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,3-Dichloropropane	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
2,2-Dichloropropane	<29		65	29	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,1-Dichloropropene	<19		65	19	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Ethylbenzene	<12		16	12	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Hexachlorobutadiene	<29		65	29	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Isopropylbenzene	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Isopropyl ether	<18		65	18	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Methylene Chloride	<110		320	110	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Methyl tert-butyl ether	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Naphthalene	<22		65	22	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
n-Butylbenzene	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
N-Propylbenzene	<27		65	27	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
p-Isopropyltoluene	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
sec-Butylbenzene	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Styrene	<25		65	25	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
tert-Butylbenzene	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,1,1,2-Tetrachloroethane	<30		65	30	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
1,1,2,2-Tetrachloroethane	<26		65	26	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Tetrachloroethene	<24		65	24	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
Toluene	<9.5		16	9.5	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
trans-1,2-Dichloroethene	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50
trans-1,3-Dichloropropene	<23		65	23	ug/Kg	✳	05/06/21 10:40	05/19/21 21:02	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<30		65	30	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,2,4-Trichlorobenzene	<22		65	22	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,1,1-Trichloroethane	<25		65	25	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,1,2-Trichloroethane	<23		65	23	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
Trichloroethene	<11		32	11	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
Trichlorofluoromethane	<28		65	28	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,2,3-Trichloropropane	<27		130	27	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,2,4-Trimethylbenzene	<23		65	23	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
1,3,5-Trimethylbenzene	<25		65	25	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
Vinyl chloride	<17		65	17	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50
Xylenes, Total	<14		32	14	ug/Kg	☆	05/06/21 10:40	05/19/21 21:02	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124	05/06/21 10:40	05/19/21 21:02	50
Dibromofluoromethane (Surr)	95		75 - 120	05/06/21 10:40	05/19/21 21:02	50
1,2-Dichloroethane-d4 (Surr)	99		75 - 126	05/06/21 10:40	05/19/21 21:02	50
Toluene-d8 (Surr)	100		75 - 120	05/06/21 10:40	05/19/21 21:02	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.47	CI	0.22	0.031	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluoropentanoic acid (PFPeA)	<0.086		0.22	0.086	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.22	0.047	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluoroheptanoic acid (PFHpA)	<0.032		0.22	0.032	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorooctanoic acid (PFOA)	0.76		0.22	0.096	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorodecanoic acid (PFDA)	0.028	J	0.22	0.025	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorododecanoic acid (PFDoA)	<0.075		0.22	0.075	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorotridecanoic acid (PFTrDA)	<0.057		0.22	0.057	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.060		0.22	0.060	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorohexanesulfonic acid (PFHxS)	0.039	J	0.22	0.035	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.56	0.22	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.22	0.044	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorododecanesulfonic acid (PFDoS)	<0.067		0.22	0.067	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
Perfluorooctanesulfonamide (FOSA)	<0.092		0.22	0.092	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NMeFOSA	<0.046		0.22	0.046	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NMeFOSAA	<0.44		2.2	0.44	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NEtFOSAA	<0.41		2.2	0.41	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NMeFOSE	<0.079		0.22	0.079	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	☆	05/15/21 07:35	05/16/21 16:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	<0.17		2.2	0.17	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	*+	0.22	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
9Cl-PF3ONS	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
11Cl-PF3OUdS	<0.025		0.22	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 16:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C5 PFPeA	81		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 PFHxA	87		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C4 PFHpA	85		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C4 PFOA	87		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C5 PFNA	83		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 PFDA	93		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 PFUnA	94		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 PFDoA	101		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 PFTeDA	97		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C3 PFBS	109		25 - 150				05/15/21 07:35	05/16/21 16:28	1
18O2 PFHxS	96		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C4 PFOS	102		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C8 FOSA	42		10 - 150				05/15/21 07:35	05/16/21 16:28	1
d3-NMeFOSAA	44		25 - 150				05/15/21 07:35	05/16/21 16:28	1
d5-NEtFOSAA	39		25 - 150				05/15/21 07:35	05/16/21 16:28	1
d-N-MeFOSA-M	34		10 - 150				05/15/21 07:35	05/16/21 16:28	1
d-N-EtFOSA-M	36		10 - 150				05/15/21 07:35	05/16/21 16:28	1
d7-N-MeFOSE-M	23		10 - 150				05/15/21 07:35	05/16/21 16:28	1
d9-N-EtFOSE-M	16		10 - 150				05/15/21 07:35	05/16/21 16:28	1
M2-4:2 FTS	362	*5+	25 - 150				05/15/21 07:35	05/16/21 16:28	1
M2-6:2 FTS	373	*5+	25 - 150				05/15/21 07:35	05/16/21 16:28	1
M2-8:2 FTS	286	*5+	25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C3 HFPO-DA	103		25 - 150				05/15/21 07:35	05/16/21 16:28	1
13C2 10:2 FTS	236	*5+	25 - 150				05/15/21 07:35	05/16/21 16:28	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		19	7.9	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Antimony	<0.38		1.9	0.38	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Arsenic	0.95	J	0.96	0.33	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Barium	11		0.96	0.11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Cadmium	0.043	J B	0.19	0.035	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Chromium	6.9		0.96	0.48	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Copper	9.6		0.96	0.27	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Iron	7100		19	10	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Lead	4.9		0.48	0.22	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Manganese	180		0.96	0.14	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Nickel	8.9		0.96	0.28	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Selenium	<0.57		0.96	0.57	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Silver	0.19	J	0.48	0.12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1
Thallium	0.59	J	0.96	0.48	mg/Kg	☼	05/18/21 16:46	05/19/21 17:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.6

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0098	J	0.017	0.0056	mg/Kg	☼	05/18/21 15:00	05/19/21 09:03	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.1		14	8.1	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Bromobenzene	<20		55	20	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Bromochloromethane	<24		55	24	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Bromodichloromethane	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Bromoform	<27		55	27	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Bromomethane	<44		170	44	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Carbon tetrachloride	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Chlorobenzene	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Chloroethane	<28		55	28	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Chloroform	<21		110	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Chloromethane	<18		55	18	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
2-Chlorotoluene	<17		55	17	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
4-Chlorotoluene	<19		55	19	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
cis-1,2-Dichloroethene	<23		55	23	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
cis-1,3-Dichloropropene	<23		55	23	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Dibromochloromethane	<27		55	27	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,2-Dibromo-3-Chloropropane	<110	*	280	110	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,2-Dibromoethane	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Dibromomethane	<15		55	15	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,2-Dichlorobenzene	<19		55	19	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,3-Dichlorobenzene	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,4-Dichlorobenzene	<20		55	20	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Dichlorodifluoromethane	<37		170	37	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,1-Dichloroethane	<23		55	23	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,2-Dichloroethane	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,1-Dichloroethene	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,2-Dichloropropane	<24		55	24	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,3-Dichloropropane	<20		55	20	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
2,2-Dichloropropane	<25		55	25	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,1-Dichloropropene	<17		55	17	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Ethylbenzene	<10		14	10	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Hexachlorobutadiene	<25		55	25	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Isopropylbenzene	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Isopropyl ether	<15		55	15	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Methylene Chloride	<90		280	90	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Methyl tert-butyl ether	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Naphthalene	<19		55	19	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
n-Butylbenzene	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
N-Propylbenzene	<23		55	23	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
p-Isopropyltoluene	<20		55	20	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
sec-Butylbenzene	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Styrene	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
tert-Butylbenzene	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,1,1,2-Tetrachloroethane	<26		55	26	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
1,1,2,2-Tetrachloroethane	<22		55	22	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Tetrachloroethene	<21		55	21	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
Toluene	<8.1		14	8.1	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
trans-1,2-Dichloroethene	<19		55	19	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50
trans-1,3-Dichloropropene	<20		55	20	ug/Kg	✳	05/06/21 10:45	05/19/21 21:28	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<25		55	25	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,2,4-Trichlorobenzene	<19		55	19	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,1,1-Trichloroethane	<21		55	21	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,1,2-Trichloroethane	<20		55	20	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
Trichloroethene	<9.1		28	9.1	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
Trichlorofluoromethane	<24		55	24	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,2,3-Trichloropropane	<23		110	23	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,2,4-Trimethylbenzene	<20		55	20	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
1,3,5-Trimethylbenzene	<21		55	21	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
Vinyl chloride	<15		55	15	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
Xylenes, Total	<12		28	12	ug/Kg	☼	05/06/21 10:45	05/19/21 21:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124				05/06/21 10:45	05/19/21 21:28	50
Dibromofluoromethane (Surr)	93		75 - 120				05/06/21 10:45	05/19/21 21:28	50
1,2-Dichloroethane-d4 (Surr)	100		75 - 126				05/06/21 10:45	05/19/21 21:28	50
Toluene-d8 (Surr)	102		75 - 120				05/06/21 10:45	05/19/21 21:28	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.2		0.20	0.028	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoropentanoic acid (PFPeA)	0.079	J	0.20	0.076	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorooctanoic acid (PFOA)	0.095	J	0.20	0.085	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorododecanoic acid (PFDoA)	<0.066		0.20	0.066	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorotridecanoic acid (PFTrDA)	<0.051		0.20	0.051	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluoronanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Perfluorooctanesulfonamide (FOSA)	<0.081		0.20	0.081	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NMeFOSAA	<0.39		2.0	0.39	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NMeFOSE	<0.070		0.20	0.070	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.25		2.0	0.25	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018	*+	0.20	0.018	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
9CI-PF3ONS	<0.027		0.20	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
11CI-PF3OUdS	<0.022		0.20	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 16:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	37		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C5 PFPeA	72		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 PFHxA	91		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C4 PFHpA	88		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C4 PFOA	91		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C5 PFNA	84		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 PFDA	85		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 PFUnA	86		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 PFDoA	90		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 PFTeDA	83		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C3 PFBS	95		25 - 150				05/15/21 07:35	05/16/21 16:37	1
18O2 PFHxS	107		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C4 PFOS	88		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C8 FOSA	40		10 - 150				05/15/21 07:35	05/16/21 16:37	1
d3-NMeFOSAA	39		25 - 150				05/15/21 07:35	05/16/21 16:37	1
d5-NEtFOSAA	33		25 - 150				05/15/21 07:35	05/16/21 16:37	1
d-N-MeFOSA-M	33		10 - 150				05/15/21 07:35	05/16/21 16:37	1
d-N-EtFOSA-M	31		10 - 150				05/15/21 07:35	05/16/21 16:37	1
d7-N-MeFOSE-M	21		10 - 150				05/15/21 07:35	05/16/21 16:37	1
d9-N-EtFOSE-M	12		10 - 150				05/15/21 07:35	05/16/21 16:37	1
M2-4:2 FTS	303	*5+	25 - 150				05/15/21 07:35	05/16/21 16:37	1
M2-6:2 FTS	357	*5+	25 - 150				05/15/21 07:35	05/16/21 16:37	1
M2-8:2 FTS	266	*5+	25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C3 HFPO-DA	93		25 - 150				05/15/21 07:35	05/16/21 16:37	1
13C2 10:2 FTS	212	*5+	25 - 150				05/15/21 07:35	05/16/21 16:37	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3800		20	8.0	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Antimony	<0.38		2.0	0.38	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Arsenic	0.83	J	0.99	0.34	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Barium	9.6		0.99	0.11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Cadmium	0.063	J B	0.20	0.035	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Chromium	7.1		0.99	0.49	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Copper	9.2		0.99	0.28	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Iron	7700		20	10	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Lead	2.5		0.49	0.23	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Manganese	150		0.99	0.14	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Nickel	9.4		0.99	0.29	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Selenium	<0.58		0.99	0.58	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Silver	0.15	J	0.49	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1
Thallium	0.69	J	0.99	0.49	mg/Kg	☼	05/18/21 16:46	05/19/21 17:39	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087	J	0.018	0.0059	mg/Kg	☼	05/18/21 15:00	05/19/21 09:05	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.7		17	9.7	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Bromobenzene	<24		67	24	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Bromochloromethane	<29		67	29	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Bromodichloromethane	<25		67	25	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Bromoform	<32		67	32	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Bromomethane	<53		200	53	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Carbon tetrachloride	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Chlorobenzene	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Chloroethane	<34		67	34	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Chloroform	<25		130	25	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Chloromethane	<21		67	21	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
2-Chlorotoluene	<21		67	21	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
4-Chlorotoluene	<23		67	23	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Dibromochloromethane	<33		67	33	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,2-Dibromo-3-Chloropropane	<130	*	330	130	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,2-Dibromoethane	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Dibromomethane	<18		67	18	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,1-Dichloroethane	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,2-Dichloroethane	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,1-Dichloroethene	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,2-Dichloropropane	<29		67	29	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,3-Dichloropropane	<24		67	24	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
2,2-Dichloropropane	<30		67	30	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,1-Dichloropropene	<20		67	20	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Ethylbenzene	20		17	12	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Hexachlorobutadiene	<30		67	30	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Isopropylbenzene	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Isopropyl ether	<18		67	18	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Methylene Chloride	<110		330	110	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Naphthalene	43	J	67	22	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
n-Butylbenzene	36	J	67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
N-Propylbenzene	<28		67	28	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
p-Isopropyltoluene	<24		67	24	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
sec-Butylbenzene	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Styrene	<26		67	26	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
tert-Butylbenzene	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
1,1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Tetrachloroethene	<25		67	25	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
Toluene	<9.8		17	9.8	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	✳	05/06/21 10:50	05/19/21 21:53	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,1,2-Trichloroethane	<23		67	23	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
Trichloroethene	370		33	11	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
Trichlorofluoromethane	<29		67	29	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,2,4-Trimethylbenzene	56 J		67	24	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
1,3,5-Trimethylbenzene	57 J		67	25	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
Vinyl chloride	<17		67	17	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
Xylenes, Total	110		33	15	ug/Kg	☼	05/06/21 10:50	05/19/21 21:53	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124				05/06/21 10:50	05/19/21 21:53	50
Dibromofluoromethane (Surr)	92		75 - 120				05/06/21 10:50	05/19/21 21:53	50
1,2-Dichloroethane-d4 (Surr)	99		75 - 126				05/06/21 10:50	05/19/21 21:53	50
Toluene-d8 (Surr)	99		75 - 120				05/06/21 10:50	05/19/21 21:53	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.7		0.20	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoropentanoic acid (PFPeA)	<0.079		0.20	0.079	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorohexanoic acid (PFHxA)	<0.043		0.20	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoroheptanoic acid (PFHpA)	<0.030		0.20	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorooctanoic acid (PFOA)	0.16 J		0.20	0.088	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorononanoic acid (PFNA)	<0.037		0.20	0.037	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorodecanoic acid (PFDA)	<0.023		0.20	0.023	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoroundecanoic acid (PFUnA)	<0.037		0.20	0.037	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorododecanoic acid (PFDoA)	<0.069		0.20	0.069	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorotridecanoic acid (PFTrDA)	<0.052		0.20	0.052	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorotetradecanoic acid (PFTeA)	<0.055		0.20	0.055	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorobutanesulfonic acid (PFBS)	<0.026		0.20	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorohexanesulfonic acid (PFHxS)	<0.032		0.20	0.032	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.036		0.20	0.036	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.51	0.20	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluoronanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorodecanesulfonic acid (PFDS)	<0.040		0.20	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorododecanesulfonic acid (PFDoS)	<0.061		0.20	0.061	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Perfluorooctanesulfonamide (FOSA)	<0.084		0.20	0.084	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NEtFOSA	<0.025		0.20	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NMeFOSA	<0.042		0.20	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NMeFOSAA	<0.40		2.0	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NEtFOSAA	<0.38		2.0	0.38	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NMeFOSE	<0.073		0.20	0.073	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
NEtFOSE	<0.037		0.20	0.037	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
4:2 FTS	<0.38		2.0	0.38	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.26		2.0	0.26	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018	*+	0.20	0.018	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
HFPO-DA (GenX)	<0.11		0.26	0.11	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
9CI-PF3ONS	<0.028		0.20	0.028	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
11CI-PF3OUdS	<0.023		0.20	0.023	ug/Kg	☼	05/15/21 07:35	05/16/21 16:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	24	*5-	25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C5 PFPeA	60		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 PFHxA	86		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C4 PFHpA	79		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C4 PFOA	91		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C5 PFNA	92		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 PFDA	86		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 PFUnA	87		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 PFDoA	93		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 PFTeDA	86		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C3 PFBS	85		25 - 150				05/15/21 07:35	05/16/21 16:46	1
18O2 PFHxS	92		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C4 PFOS	91		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C8 FOSA	42		10 - 150				05/15/21 07:35	05/16/21 16:46	1
d3-NMeFOSAA	48		25 - 150				05/15/21 07:35	05/16/21 16:46	1
d5-NEtFOSAA	42		25 - 150				05/15/21 07:35	05/16/21 16:46	1
d-N-MeFOSA-M	39		10 - 150				05/15/21 07:35	05/16/21 16:46	1
d-N-EtFOSA-M	39		10 - 150				05/15/21 07:35	05/16/21 16:46	1
d7-N-MeFOSE-M	23		10 - 150				05/15/21 07:35	05/16/21 16:46	1
d9-N-EtFOSE-M	16		10 - 150				05/15/21 07:35	05/16/21 16:46	1
M2-4:2 FTS	325	*5+	25 - 150				05/15/21 07:35	05/16/21 16:46	1
M2-6:2 FTS	351	*5+	25 - 150				05/15/21 07:35	05/16/21 16:46	1
M2-8:2 FTS	271	*5+	25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C3 HFPO-DA	96		25 - 150				05/15/21 07:35	05/16/21 16:46	1
13C2 10:2 FTS	224	*5+	25 - 150				05/15/21 07:35	05/16/21 16:46	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3200		21	8.6	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Antimony	<0.41		2.1	0.41	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Arsenic	<0.36		1.1	0.36	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Barium	8.5		1.1	0.12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Cadmium	0.063	J B	0.21	0.038	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Chromium	5.7		1.1	0.52	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Copper	6.0		1.1	0.29	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Iron	5900		21	11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Lead	1.7		0.53	0.24	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Manganese	120		1.1	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Nickel	7.2		1.1	0.31	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Silver	0.19	J	0.53	0.14	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1
Thallium	<0.52		1.1	0.52	mg/Kg	☼	05/18/21 16:46	05/19/21 17:42	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 85.7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087	J	0.019	0.0062	mg/Kg	☼	05/18/21 15:00	05/19/21 09:07	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Bromobenzene	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Bromochloromethane	<30		70	30	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Bromodichloromethane	<26		70	26	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Bromoform	<34		70	34	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Bromomethane	<56		210	56	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Carbon tetrachloride	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Chlorobenzene	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Chloroethane	<35		70	35	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Chloroform	<26		140	26	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Chloromethane	<22		70	22	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
2-Chlorotoluene	<22		70	22	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
4-Chlorotoluene	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
cis-1,2-Dichloroethene	<29		70	29	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Dibromochloromethane	<34		70	34	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,2-Dibromo-3-Chloropropane	<140	*	350	140	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,2-Dibromoethane	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Dibromomethane	<19		70	19	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,4-Dichlorobenzene	<26		70	26	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,1-Dichloroethane	<29		70	29	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,2-Dichloroethane	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,1-Dichloroethene	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,2-Dichloropropane	<30		70	30	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,3-Dichloropropane	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
2,2-Dichloropropane	<31		70	31	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,1-Dichloropropene	<21		70	21	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Ethylbenzene	<13		18	13	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Hexachlorobutadiene	<31		70	31	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Isopropylbenzene	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Isopropyl ether	<19		70	19	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Methylene Chloride	<110		350	110	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Methyl tert-butyl ether	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Naphthalene	<23		70	23	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
n-Butylbenzene	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
N-Propylbenzene	<29		70	29	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
p-Isopropyltoluene	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
sec-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Styrene	<27		70	27	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
tert-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,1,1,2-Tetrachloroethane	<32		70	32	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Tetrachloroethene	<26		70	26	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
Toluene	<10		18	10	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
trans-1,2-Dichloroethene	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50
trans-1,3-Dichloropropene	<25		70	25	ug/Kg	✳	05/06/21 13:00	05/19/21 20:19	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,1,1-Trichloroethane	<27		70	27	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
Trichloroethene	84		35	12	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
1,3,5-Trimethylbenzene	<27		70	27	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
Xylenes, Total	<15		35	15	ug/Kg	☼	05/06/21 13:00	05/19/21 20:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124				05/06/21 13:00	05/19/21 20:19	50
Dibromofluoromethane (Surr)	97		75 - 120				05/06/21 13:00	05/19/21 20:19	50
1,2-Dichloroethane-d4 (Surr)	106		75 - 126				05/06/21 13:00	05/19/21 20:19	50
Toluene-d8 (Surr)	95		75 - 120				05/06/21 13:00	05/19/21 20:19	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.57		0.24	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoropentanoic acid (PFPeA)	<0.092		0.24	0.092	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorohexanoic acid (PFHxA)	<0.050		0.24	0.050	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoroheptanoic acid (PFHpA)	<0.034		0.24	0.034	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorooctanoic acid (PFOA)	0.51		0.24	0.10	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorononanoic acid (PFNA)	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorodecanoic acid (PFDA)	<0.026		0.24	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoroundecanoic acid (PFUnA)	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorododecanoic acid (PFDoA)	<0.080		0.24	0.080	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorotridecanoic acid (PFTrDA)	<0.061		0.24	0.061	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorotetradecanoic acid (PFTeA)	<0.064		0.24	0.064	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoropentanesulfonic acid (PFPeS)	<0.024		0.24	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorohexanesulfonic acid (PFHxS)	<0.037		0.24	0.037	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.042		0.24	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorooctanesulfonic acid (PFOS)	<0.24		0.59	0.24	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluoronanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorodecanesulfonic acid (PFDS)	<0.046		0.24	0.046	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorododecanesulfonic acid (PFDoS)	<0.071		0.24	0.071	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Perfluorooctanesulfonamide (FOSA)	<0.098		0.24	0.098	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NMeFOSA	<0.049		0.24	0.049	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NMeFOSAA	<0.46		2.4	0.46	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NEtFOSAA	<0.44		2.4	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NMeFOSE	<0.084		0.24	0.084	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
NEtFOSE	<0.043		0.24	0.043	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
4:2 FTS	<0.44		2.4	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.30		2.4	0.30	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	*+	0.24	0.021	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
9Cl-PF3ONS	<0.032		0.24	0.032	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
11Cl-PF3OUdS	<0.026		0.24	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 16:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C5 PFPeA	77		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 PFHxA	106		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C4 PFHpA	90		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C4 PFOA	91		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C5 PFNA	83		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 PFDA	92		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 PFUnA	89		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 PFDoA	83		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 PFTeDA	81		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C3 PFBS	89		25 - 150				05/15/21 07:35	05/16/21 16:55	1
18O2 PFHxS	97		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C4 PFOS	92		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C8 FOSA	45		10 - 150				05/15/21 07:35	05/16/21 16:55	1
d3-NMeFOSAA	44		25 - 150				05/15/21 07:35	05/16/21 16:55	1
d5-NEtFOSAA	40		25 - 150				05/15/21 07:35	05/16/21 16:55	1
d-N-MeFOSA-M	35		10 - 150				05/15/21 07:35	05/16/21 16:55	1
d-N-EtFOSA-M	36		10 - 150				05/15/21 07:35	05/16/21 16:55	1
d7-N-MeFOSE-M	22		10 - 150				05/15/21 07:35	05/16/21 16:55	1
d9-N-EtFOSE-M	17		10 - 150				05/15/21 07:35	05/16/21 16:55	1
M2-4:2 FTS	315	*5+	25 - 150				05/15/21 07:35	05/16/21 16:55	1
M2-6:2 FTS	326	*5+	25 - 150				05/15/21 07:35	05/16/21 16:55	1
M2-8:2 FTS	255	*5+	25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C3 HFPO-DA	92		25 - 150				05/15/21 07:35	05/16/21 16:55	1
13C2 10:2 FTS	207	*5+	25 - 150				05/15/21 07:35	05/16/21 16:55	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3900		21	8.4	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Antimony	<0.40		2.1	0.40	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Arsenic	4.3		1.0	0.35	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Barium	88		1.0	0.12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Cadmium	0.097	J B	0.21	0.037	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Chromium	8.0		1.0	0.51	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Copper	16		1.0	0.29	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Iron	13000		21	11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Lead	5.9		0.51	0.24	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Manganese	140		1.0	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Nickel	10		1.0	0.30	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Silver	0.18	J	0.51	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1
Thallium	0.58	J	1.0	0.51	mg/Kg	☼	05/18/21 16:46	05/19/21 17:46	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.019	0.0064	mg/Kg	☼	05/18/21 15:00	05/19/21 09:09	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: FB-06-210506

Lab Sample ID: 500-198861-12

Date Collected: 05/06/21 13:45

Matrix: Water

Date Received: 05/08/21 11:15

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		05/13/21 04:58	05/14/21 14:45	1
Perfluoropentanoic acid (PFPeA)	<0.46		1.9	0.46	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorohexanoic acid (PFHxA)	<0.55		1.9	0.55	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorooctanoic acid (PFOA)	<0.80		1.9	0.80	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorododecanoic acid (PFDoA)	<0.52		1.9	0.52	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.9	1.2	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.69		1.9	0.69	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorohexanesulfonic acid (PFHxS)	<0.54		1.9	0.54	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorooctanesulfonic acid (PFOS)	0.66	J B	1.9	0.51	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorononanesulfonic acid (PFNS)	<0.35		1.9	0.35	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorododecanesulfonic acid (PFDoS)	<0.92		1.9	0.92	ng/L		05/13/21 04:58	05/14/21 14:45	1
Perfluorooctanesulfonamide (FOSA)	<0.93		1.9	0.93	ng/L		05/13/21 04:58	05/14/21 14:45	1
NEtFOSA	<0.82		1.9	0.82	ng/L		05/13/21 04:58	05/14/21 14:45	1
NMeFOSA	<0.41		1.9	0.41	ng/L		05/13/21 04:58	05/14/21 14:45	1
NMeFOSAA	<1.1		4.7	1.1	ng/L		05/13/21 04:58	05/14/21 14:45	1
NEtFOSAA	<1.2		4.7	1.2	ng/L		05/13/21 04:58	05/14/21 14:45	1
NMeFOSE	<1.3		3.8	1.3	ng/L		05/13/21 04:58	05/14/21 14:45	1
NEtFOSE	<0.80		1.9	0.80	ng/L		05/13/21 04:58	05/14/21 14:45	1
4:2 FTS	<0.23		1.9	0.23	ng/L		05/13/21 04:58	05/14/21 14:45	1
6:2 FTS	<2.4		4.7	2.4	ng/L		05/13/21 04:58	05/14/21 14:45	1
8:2 FTS	<0.44		1.9	0.44	ng/L		05/13/21 04:58	05/14/21 14:45	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.38		1.9	0.38	ng/L		05/13/21 04:58	05/14/21 14:45	1
HFPO-DA (GenX)	<1.4		3.8	1.4	ng/L		05/13/21 04:58	05/14/21 14:45	1
9Cl-PF3ONS	<0.23		1.9	0.23	ng/L		05/13/21 04:58	05/14/21 14:45	1
11Cl-PF3OUdS	<0.30		1.9	0.30	ng/L		05/13/21 04:58	05/14/21 14:45	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C5 PFPeA	80		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 PFHxA	85		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C4 PFHpA	95		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C4 PFOA	95		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C5 PFNA	93		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 PFDA	93		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 PFUnA	101		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 PFDoA	98		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 PFTeDA	95		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C3 PFBS	84		25 - 150	05/13/21 04:58	05/14/21 14:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: FB-06-210506

Lab Sample ID: 500-198861-12

Date Collected: 05/06/21 13:45

Matrix: Water

Date Received: 05/08/21 11:15

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>
18O2 PFHxS	84		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C4 PFOS	84		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C8 FOSA	80		10 - 150	05/13/21 04:58	05/14/21 14:45	1
d3-NMeFOSAA	76		25 - 150	05/13/21 04:58	05/14/21 14:45	1
d5-NEtFOSAA	75		25 - 150	05/13/21 04:58	05/14/21 14:45	1
d-N-MeFOSA-M	63		10 - 150	05/13/21 04:58	05/14/21 14:45	1
d-N-EtFOSA-M	63		10 - 150	05/13/21 04:58	05/14/21 14:45	1
d7-N-MeFOSE-M	90		10 - 150	05/13/21 04:58	05/14/21 14:45	1
d9-N-EtFOSE-M	83		10 - 150	05/13/21 04:58	05/14/21 14:45	1
M2-4:2 FTS	82		25 - 150	05/13/21 04:58	05/14/21 14:45	1
M2-6:2 FTS	108		25 - 150	05/13/21 04:58	05/14/21 14:45	1
M2-8:2 FTS	93		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C3 HFPO-DA	88		25 - 150	05/13/21 04:58	05/14/21 14:45	1
13C2 10:2 FTS	92		25 - 150	05/13/21 04:58	05/14/21 14:45	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: FB-05-210505

Lab Sample ID: 500-198861-13

Date Collected: 05/05/21 16:00

Matrix: Water

Date Received: 05/08/21 11:15

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		05/13/21 04:58	05/14/21 14:54	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorohexanoic acid (PFHxA)	0.86	J	1.8	0.52	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluoroheptanoic acid (PFHpA)	0.23	J	1.8	0.23	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorooctanoic acid (PFOA)	<0.77		1.8	0.77	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorohexanesulfonic acid (PFHxS)	<0.51		1.8	0.51	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorooctanesulfonic acid (PFOS)	<0.49		1.8	0.49	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		05/13/21 04:58	05/14/21 14:54	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		05/13/21 04:58	05/14/21 14:54	1
NEtFOSA	<0.78		1.8	0.78	ng/L		05/13/21 04:58	05/14/21 14:54	1
NMeFOSA	<0.39		1.8	0.39	ng/L		05/13/21 04:58	05/14/21 14:54	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		05/13/21 04:58	05/14/21 14:54	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		05/13/21 04:58	05/14/21 14:54	1
NMeFOSE	<1.3		3.6	1.3	ng/L		05/13/21 04:58	05/14/21 14:54	1
NEtFOSE	<0.77		1.8	0.77	ng/L		05/13/21 04:58	05/14/21 14:54	1
4:2 FTS	<0.22		1.8	0.22	ng/L		05/13/21 04:58	05/14/21 14:54	1
6:2 FTS	<2.3		4.5	2.3	ng/L		05/13/21 04:58	05/14/21 14:54	1
8:2 FTS	<0.41		1.8	0.41	ng/L		05/13/21 04:58	05/14/21 14:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		05/13/21 04:58	05/14/21 14:54	1
HFPO-DA (GenX)	<1.4		3.6	1.4	ng/L		05/13/21 04:58	05/14/21 14:54	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		05/13/21 04:58	05/14/21 14:54	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		05/13/21 04:58	05/14/21 14:54	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C5 PFPeA	84		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 PFHxA	89		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C4 PFHpA	89		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C4 PFOA	92		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C5 PFNA	103		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 PFDA	85		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 PFUnA	108		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 PFDoA	108		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 PFTeDA	93		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C3 PFBS	74		25 - 150	05/13/21 04:58	05/14/21 14:54	1
18O2 PFHxS	82		25 - 150	05/13/21 04:58	05/14/21 14:54	1

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: FB-05-210505

Lab Sample ID: 500-198861-13

Date Collected: 05/05/21 16:00

Matrix: Water

Date Received: 05/08/21 11:15

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	80		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C8 FOSA	73		10 - 150	05/13/21 04:58	05/14/21 14:54	1
d3-NMeFOSAA	69		25 - 150	05/13/21 04:58	05/14/21 14:54	1
d5-NEtFOSAA	70		25 - 150	05/13/21 04:58	05/14/21 14:54	1
d-N-MeFOSA-M	64		10 - 150	05/13/21 04:58	05/14/21 14:54	1
d-N-EtFOSA-M	67		10 - 150	05/13/21 04:58	05/14/21 14:54	1
d7-N-MeFOSE-M	94		10 - 150	05/13/21 04:58	05/14/21 14:54	1
d9-N-EtFOSE-M	85		10 - 150	05/13/21 04:58	05/14/21 14:54	1
M2-4:2 FTS	73		25 - 150	05/13/21 04:58	05/14/21 14:54	1
M2-6:2 FTS	100		25 - 150	05/13/21 04:58	05/14/21 14:54	1
M2-8:2 FTS	81		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C3 HFPO-DA	86		25 - 150	05/13/21 04:58	05/14/21 14:54	1
13C2 10:2 FTS	85		25 - 150	05/13/21 04:58	05/14/21 14:54	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 77.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Bromobenzene	<29		80	29	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Bromochloromethane	<34		80	34	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Bromodichloromethane	<30		80	30	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Bromoform	<39		80	39	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Bromomethane	<64		240	64	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Carbon tetrachloride	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Chlorobenzene	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Chloroethane	<40		80	40	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Chloroform	<30		160	30	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Chloromethane	<26		80	26	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
2-Chlorotoluene	<25		80	25	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
4-Chlorotoluene	<28		80	28	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
cis-1,2-Dichloroethene	<33		80	33	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
cis-1,3-Dichloropropene	<33		80	33	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Dibromochloromethane	<39		80	39	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,2-Dibromo-3-Chloropropane	<160	*	400	160	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,2-Dibromoethane	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Dibromomethane	<22		80	22	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,2-Dichlorobenzene	<27		80	27	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,3-Dichlorobenzene	<32		80	32	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,4-Dichlorobenzene	<29		80	29	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Dichlorodifluoromethane	<54		240	54	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,1-Dichloroethane	<33		80	33	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,2-Dichloroethane	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,1-Dichloroethene	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,2-Dichloropropane	<34		80	34	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,3-Dichloropropane	<29		80	29	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
2,2-Dichloropropane	<36		80	36	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,1-Dichloropropene	<24		80	24	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Ethylbenzene	<15		20	15	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Hexachlorobutadiene	<36		80	36	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Isopropylbenzene	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Isopropyl ether	<22		80	22	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Methylene Chloride	<130		400	130	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Methyl tert-butyl ether	<32		80	32	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Naphthalene	<27		80	27	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
n-Butylbenzene	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
N-Propylbenzene	<33		80	33	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
p-Isopropyltoluene	<29		80	29	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
sec-Butylbenzene	<32		80	32	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Styrene	<31		80	31	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
tert-Butylbenzene	<32		80	32	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,1,1,2-Tetrachloroethane	<37		80	37	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
1,1,1,2,2-Tetrachloroethane	<32		80	32	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Tetrachloroethene	<30		80	30	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
Toluene	<12		20	12	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
trans-1,2-Dichloroethene	<28		80	28	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50
trans-1,3-Dichloropropene	<29		80	29	ug/Kg	☼	05/06/21 15:10	05/19/21 20:47	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 77.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<37		80	37	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,2,4-Trichlorobenzene	<27		80	27	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,1,1-Trichloroethane	<31		80	31	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,1,2-Trichloroethane	<28		80	28	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
Trichloroethene	<13		40	13	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
Trichlorofluoromethane	<34		80	34	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,2,4-Trimethylbenzene	<29		80	29	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
1,3,5-Trimethylbenzene	<31		80	31	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
Vinyl chloride	<21		80	21	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
Xylenes, Total	<18		40	18	ug/Kg	✱	05/06/21 15:10	05/19/21 20:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124				05/06/21 15:10	05/19/21 20:47	50
Dibromofluoromethane (Surr)	95		75 - 120				05/06/21 15:10	05/19/21 20:47	50
1,2-Dichloroethane-d4 (Surr)	104		75 - 126				05/06/21 15:10	05/19/21 20:47	50
Toluene-d8 (Surr)	96		75 - 120				05/06/21 15:10	05/19/21 20:47	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.035		0.25	0.035	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoropentanoic acid (PFPeA)	<0.095		0.25	0.095	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorohexanoic acid (PFHxA)	<0.052		0.25	0.052	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoroheptanoic acid (PFHpA)	<0.036		0.25	0.036	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorooctanoic acid (PFOA)	1.5		0.25	0.11	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorononanoic acid (PFNA)	<0.044		0.25	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorodecanoic acid (PFDA)	<0.027		0.25	0.027	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoroundecanoic acid (PFUnA)	<0.044		0.25	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorododecanoic acid (PFDoA)	<0.083		0.25	0.083	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorotridecanoic acid (PFTrDA)	<0.063		0.25	0.063	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorotetradecanoic acid (PFTeA)	<0.067		0.25	0.067	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorobutanesulfonic acid (PFBS)	<0.031		0.25	0.031	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoropentanesulfonic acid (PFPeS)	<0.025		0.25	0.025	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorohexanesulfonic acid (PFHxS)	<0.038		0.25	0.038	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.043		0.25	0.043	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorooctanesulfonic acid (PFOS)	<0.25		0.62	0.25	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluoronanesulfonic acid (PFNS)	<0.025		0.25	0.025	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorodecanesulfonic acid (PFDS)	<0.048		0.25	0.048	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorododecanesulfonic acid (PFDoS)	<0.074		0.25	0.074	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.25	0.10	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NEtFOSA	<0.030		0.25	0.030	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NMeFOSA	<0.051		0.25	0.051	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NMeFOSAA	<0.48		2.5	0.48	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NEtFOSAA	<0.46		2.5	0.46	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NMeFOSE	<0.088		0.25	0.088	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
NEtFOSE	<0.044		0.25	0.044	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
4:2 FTS	<0.46		2.5	0.46	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1
6:2 FTS	<0.19		2.5	0.19	ug/Kg	✱	05/15/21 07:35	05/16/21 17:04	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 77.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.31		2.5	0.31	ug/Kg	☼	05/15/21 07:35	05/16/21 17:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.022	*+	0.25	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 17:04	1
HFPO-DA (GenX)	<0.14		0.31	0.14	ug/Kg	☼	05/15/21 07:35	05/16/21 17:04	1
9CI-PF3ONS	<0.033		0.25	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 17:04	1
11CI-PF3OUdS	<0.027		0.25	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 17:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C5 PFPeA	74		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 PFHxA	87		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C4 PFHpA	86		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C4 PFOA	89		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C5 PFNA	98		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 PFDA	92		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 PFUnA	84		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 PFDoA	87		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 PFTeDA	81		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C3 PFBS	72		25 - 150				05/15/21 07:35	05/16/21 17:04	1
18O2 PFHxS	69		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C4 PFOS	61		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C8 FOSA	73		10 - 150				05/15/21 07:35	05/16/21 17:04	1
d3-NMeFOSAA	77		25 - 150				05/15/21 07:35	05/16/21 17:04	1
d5-NEtFOSAA	71		25 - 150				05/15/21 07:35	05/16/21 17:04	1
d-N-MeFOSA-M	59		10 - 150				05/15/21 07:35	05/16/21 17:04	1
d-N-EtFOSA-M	60		10 - 150				05/15/21 07:35	05/16/21 17:04	1
d7-N-MeFOSE-M	77		10 - 150				05/15/21 07:35	05/16/21 17:04	1
d9-N-EtFOSE-M	67		10 - 150				05/15/21 07:35	05/16/21 17:04	1
M2-4:2 FTS	99		25 - 150				05/15/21 07:35	05/16/21 17:04	1
M2-6:2 FTS	122		25 - 150				05/15/21 07:35	05/16/21 17:04	1
M2-8:2 FTS	113		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C3 HFPO-DA	72		25 - 150				05/15/21 07:35	05/16/21 17:04	1
13C2 10:2 FTS	82		25 - 150				05/15/21 07:35	05/16/21 17:04	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3600		23	9.5	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Antimony	<0.45		2.3	0.45	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Arsenic	0.41	J	1.2	0.40	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Barium	10		1.2	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Cadmium	0.085	J B	0.23	0.042	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Chromium	6.1		1.2	0.57	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Copper	5.8		1.2	0.32	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Iron	6000		23	12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Lead	2.2		0.58	0.27	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Manganese	130		1.2	0.17	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Nickel	7.4		1.2	0.34	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Selenium	<0.68		1.2	0.68	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Silver	0.18	J	0.58	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1
Thallium	<0.58		1.2	0.58	mg/Kg	☼	05/18/21 16:46	05/19/21 17:49	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 77.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.020	0.0067	mg/Kg	☼	05/18/21 15:00	05/19/21 09:10	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Bromobenzene	<25		70	25	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Bromochloromethane	<30		70	30	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Bromodichloromethane	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Bromoform	<34		70	34	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Bromomethane	<56		210	56	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Carbon tetrachloride	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Chlorobenzene	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Chloroethane	<36		70	36	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Chloroform	<26		140	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Chloromethane	<23		70	23	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
2-Chlorotoluene	<22		70	22	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
4-Chlorotoluene	<25		70	25	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
cis-1,2-Dichloroethene	<29		70	29	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Dibromochloromethane	<34		70	34	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,2-Dibromo-3-Chloropropane	<140	*	350	140	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,2-Dibromoethane	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Dibromomethane	<19		70	19	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,2-Dichlorobenzene	<24		70	24	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,4-Dichlorobenzene	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,1-Dichloroethane	<29		70	29	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,2-Dichloroethane	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,1-Dichloroethene	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,2-Dichloropropane	<30		70	30	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,3-Dichloropropane	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
2,2-Dichloropropane	<31		70	31	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,1-Dichloropropene	<21		70	21	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Ethylbenzene	<13		18	13	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Hexachlorobutadiene	<31		70	31	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Isopropylbenzene	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Isopropyl ether	<19		70	19	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Methylene Chloride	<110		350	110	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Methyl tert-butyl ether	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Naphthalene	<24		70	24	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
n-Butylbenzene	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
N-Propylbenzene	<29		70	29	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
p-Isopropyltoluene	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
sec-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Styrene	<27		70	27	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
tert-Butylbenzene	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,1,1,2-Tetrachloroethane	<33		70	33	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Tetrachloroethene	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
Toluene	<10		18	10	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
trans-1,2-Dichloroethene	<25		70	25	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50
trans-1,3-Dichloropropene	<26		70	26	ug/Kg	✳	05/06/21 15:10	05/19/21 21:16	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,1,1-Trichloroethane	<27		70	27	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
Trichloroethene	<12		35	12	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
Trichlorofluoromethane	<30		70	30	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
1,3,5-Trimethylbenzene	<27		70	27	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
Vinyl chloride	<18		70	18	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
Xylenes, Total	<16		35	16	ug/Kg	☼	05/06/21 15:10	05/19/21 21:16	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124				05/06/21 15:10	05/19/21 21:16	50
Dibromofluoromethane (Surr)	98		75 - 120				05/06/21 15:10	05/19/21 21:16	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126				05/06/21 15:10	05/19/21 21:16	50
Toluene-d8 (Surr)	95		75 - 120				05/06/21 15:10	05/19/21 21:16	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoropentanoic acid (PFPeA)	<0.083		0.22	0.083	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.22	0.045	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoroheptanoic acid (PFHpA)	<0.031		0.22	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorooctanoic acid (PFOA)	1.1		0.22	0.093	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorododecanoic acid (PFDoA)	<0.072		0.22	0.072	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorotridecanoic acid (PFTrDA)	<0.055		0.22	0.055	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorotetradecanoic acid (PFTeA)	<0.058		0.22	0.058	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.54	0.22	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.22	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Perfluorooctanesulfonamide (FOSA)	<0.089		0.22	0.089	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NMeFOSA	<0.044		0.22	0.044	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NMeFOSAA	<0.42		2.2	0.42	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NEtFOSAA	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NMeFOSE	<0.077		0.22	0.077	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019	+	0.22	0.019	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
9CI-PF3ONS	<0.029		0.22	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
11CI-PF3OUdS	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 17:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	77		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C5 PFPeA	72		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 PFHxA	73		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C4 PFHpA	85		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C4 PFOA	85		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C5 PFNA	82		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 PFDA	82		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 PFUnA	80		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 PFDoA	85		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 PFTeDA	75		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C3 PFBS	64		25 - 150				05/15/21 07:35	05/16/21 17:13	1
18O2 PFHxS	74		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C4 PFOS	65		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C8 FOSA	67		10 - 150				05/15/21 07:35	05/16/21 17:13	1
d3-NMeFOSAA	66		25 - 150				05/15/21 07:35	05/16/21 17:13	1
d5-NEtFOSAA	70		25 - 150				05/15/21 07:35	05/16/21 17:13	1
d-N-MeFOSA-M	52		10 - 150				05/15/21 07:35	05/16/21 17:13	1
d-N-EtFOSA-M	53		10 - 150				05/15/21 07:35	05/16/21 17:13	1
d7-N-MeFOSE-M	77		10 - 150				05/15/21 07:35	05/16/21 17:13	1
d9-N-EtFOSE-M	68		10 - 150				05/15/21 07:35	05/16/21 17:13	1
M2-4:2 FTS	78		25 - 150				05/15/21 07:35	05/16/21 17:13	1
M2-6:2 FTS	112		25 - 150				05/15/21 07:35	05/16/21 17:13	1
M2-8:2 FTS	91		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C3 HFPO-DA	71		25 - 150				05/15/21 07:35	05/16/21 17:13	1
13C2 10:2 FTS	77		25 - 150				05/15/21 07:35	05/16/21 17:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3800		21	8.7	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Antimony	<0.41		2.1	0.41	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Arsenic	<0.36		1.1	0.36	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Barium	10		1.1	0.12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Cadmium	0.060	J B	0.21	0.038	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Chromium	6.0		1.1	0.53	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Copper	5.8		1.1	0.30	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Iron	5800		21	11	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Lead	2.4		0.53	0.25	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Manganese	130		1.1	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Nickel	6.8		1.1	0.31	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Silver	0.18	J	0.53	0.14	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1
Thallium	<0.53		1.1	0.53	mg/Kg	☼	05/18/21 16:46	05/19/21 17:52	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.019	0.0062	mg/Kg	☼	05/18/21 15:00	05/19/21 09:12	1

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- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.4		16	9.4	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Bromobenzene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Bromochloromethane	<28		64	28	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Bromodichloromethane	<24		64	24	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Bromoform	<31		64	31	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Bromomethane	<51		190	51	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Carbon tetrachloride	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Chlorobenzene	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Chloroethane	<32		64	32	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Chloroform	<24		130	24	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Chloromethane	<21		64	21	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
2-Chlorotoluene	<20		64	20	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
4-Chlorotoluene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
cis-1,2-Dichloroethene	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
cis-1,3-Dichloropropene	<27		64	27	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Dibromochloromethane	<31		64	31	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2-Dibromo-3-Chloropropane	<130	*	320	130	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2-Dibromoethane	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Dibromomethane	<17		64	17	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2-Dichlorobenzene	<21		64	21	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,3-Dichlorobenzene	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,4-Dichlorobenzene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Dichlorodifluoromethane	<43		190	43	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1-Dichloroethane	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2-Dichloroethane	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1-Dichloroethene	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2-Dichloropropane	<28		64	28	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,3-Dichloropropane	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
2,2-Dichloropropane	<29		64	29	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1-Dichloropropene	<19		64	19	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Ethylbenzene	<12		16	12	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Hexachlorobutadiene	<29		64	29	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Isopropylbenzene	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Isopropyl ether	<18		64	18	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Methylene Chloride	<100		320	100	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Methyl tert-butyl ether	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Naphthalene	<21		64	21	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
n-Butylbenzene	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
N-Propylbenzene	<27		64	27	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
p-Isopropyltoluene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
sec-Butylbenzene	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Styrene	<25		64	25	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
tert-Butylbenzene	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1,1,2-Tetrachloroethane	<30		64	30	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1,2,2-Tetrachloroethane	<26		64	26	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Tetrachloroethene	<24		64	24	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Toluene	<9.5		16	9.5	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
trans-1,2-Dichloroethene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
trans-1,3-Dichloropropene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<29		64	29	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2,4-Trichlorobenzene	<22		64	22	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1,1-Trichloroethane	<24		64	24	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,1,2-Trichloroethane	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Trichloroethene	<11		32	11	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Trichlorofluoromethane	<28		64	28	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2,3-Trichloropropane	<27		130	27	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,2,4-Trimethylbenzene	<23		64	23	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
1,3,5-Trimethylbenzene	<24		64	24	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Vinyl chloride	<17		64	17	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50
Xylenes, Total	<14		32	14	ug/Kg	☼	05/06/21 16:15	05/19/21 21:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124	05/06/21 16:15	05/19/21 21:44	50
Dibromofluoromethane (Surr)	97		75 - 120	05/06/21 16:15	05/19/21 21:44	50
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	05/06/21 16:15	05/19/21 21:44	50
Toluene-d8 (Surr)	95		75 - 120	05/06/21 16:15	05/19/21 21:44	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.030		0.22	0.030	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoropentanoic acid (PFPeA)	<0.083		0.22	0.083	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.22	0.045	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoroheptanoic acid (PFHpA)	0.38		0.22	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorooctanoic acid (PFOA)	1.6		0.22	0.093	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorododecanoic acid (PFDoA)	<0.072		0.22	0.072	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorotridecanoic acid (PFTrDA)	<0.055		0.22	0.055	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorotetradecanoic acid (PFTeA)	<0.058		0.22	0.058	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.22	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.54	0.22	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluoronanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorodecanesulfonic acid (PFDS)	<0.042		0.22	0.042	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Perfluorooctanesulfonamide (FOSA)	<0.089		0.22	0.089	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NMeFOSA	<0.044		0.22	0.044	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NMeFOSAA	<0.42		2.2	0.42	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NEtFOSAA	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NMeFOSE	<0.077		0.22	0.077	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.019	*+	0.22	0.019	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
9CI-PF3ONS	<0.029		0.22	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
11CI-PF3OUdS	<0.024		0.22	0.024	ug/Kg	☼	05/15/21 07:35	05/16/21 17:22	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C5 PFPeA	64		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 PFHxA	76		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C4 PFHpA	80		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C4 PFOA	82		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C5 PFNA	80		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 PFDA	80		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 PFUnA	67		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 PFDoA	69		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 PFTeDA	66		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C3 PFBS	62		25 - 150				05/15/21 07:35	05/16/21 17:22	1
18O2 PFHxS	55		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C4 PFOS	53		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C8 FOSA	49		10 - 150				05/15/21 07:35	05/16/21 17:22	1
d3-NMeFOSAA	57		25 - 150				05/15/21 07:35	05/16/21 17:22	1
d5-NEtFOSAA	53		25 - 150				05/15/21 07:35	05/16/21 17:22	1
d-N-MeFOSA-M	42		10 - 150				05/15/21 07:35	05/16/21 17:22	1
d-N-EtFOSA-M	40		10 - 150				05/15/21 07:35	05/16/21 17:22	1
d7-N-MeFOSE-M	78		10 - 150				05/15/21 07:35	05/16/21 17:22	1
d9-N-EtFOSE-M	69		10 - 150				05/15/21 07:35	05/16/21 17:22	1
M2-4:2 FTS	68		25 - 150				05/15/21 07:35	05/16/21 17:22	1
M2-6:2 FTS	90		25 - 150				05/15/21 07:35	05/16/21 17:22	1
M2-8:2 FTS	78		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C3 HFPO-DA	69		25 - 150				05/15/21 07:35	05/16/21 17:22	1
13C2 10:2 FTS	52		25 - 150				05/15/21 07:35	05/16/21 17:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		23	9.2	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Antimony	<0.44		2.3	0.44	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Arsenic	1.9		1.1	0.39	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Barium	21		1.1	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Cadmium	0.094	J B	0.23	0.041	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Chromium	12		1.1	0.56	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Copper	12		1.1	0.32	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Iron	12000		23	12	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Lead	3.7		0.57	0.26	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Manganese	270		1.1	0.16	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Nickel	15		1.1	0.33	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Selenium	<0.67		1.1	0.67	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Silver	0.41	J	0.57	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1
Thallium	0.76	J	1.1	0.56	mg/Kg	☼	05/18/21 16:46	05/19/21 17:55	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.018	0.0061	mg/Kg	☼	05/18/21 15:00	05/19/21 09:14	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Bromobenzene	<25		71	25	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Bromochloromethane	<30		71	30	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Bromodichloromethane	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Bromoform	<34		71	34	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Bromomethane	<57		210	57	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Carbon tetrachloride	<27		71	27	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Chlorobenzene	<27		71	27	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Chloroethane	<36		71	36	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Chloroform	<26		140	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Chloromethane	<23		71	23	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
2-Chlorotoluene	<22		71	22	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
4-Chlorotoluene	<25		71	25	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
cis-1,3-Dichloropropene	<30		71	30	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Dibromochloromethane	<35		71	35	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,2-Dibromo-3-Chloropropane	<140	*	360	140	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,2-Dibromoethane	<27		71	27	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Dibromomethane	<19		71	19	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,3-Dichlorobenzene	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,1-Dichloroethane	<29		71	29	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,2-Dichloroethane	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,1-Dichloroethene	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,2-Dichloropropane	<30		71	30	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,3-Dichloropropane	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
2,2-Dichloropropane	<32		71	32	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,1-Dichloropropene	<21		71	21	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Ethylbenzene	<13		18	13	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Hexachlorobutadiene	<32		71	32	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Isopropylbenzene	<27		71	27	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Isopropyl ether	<20		71	20	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Methylene Chloride	<120		360	120	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Naphthalene	<24		71	24	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
n-Butylbenzene	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
N-Propylbenzene	<29		71	29	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
p-Isopropyltoluene	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
sec-Butylbenzene	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Styrene	<27		71	27	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
tert-Butylbenzene	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Tetrachloroethene	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
Toluene	<10		18	10	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	✱	05/06/21 16:20	05/19/21 22:12	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<33		71	33	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,1,1-Trichloroethane	<27		71	27	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
Trichloroethene	<12		36	12	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
Trichlorofluoromethane	<30		71	30	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,2,4-Trimethylbenzene	<25		71	25	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
Vinyl chloride	<19		71	19	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50
Xylenes, Total	<16		36	16	ug/Kg	☼	05/06/21 16:20	05/19/21 22:12	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124	05/06/21 16:20	05/19/21 22:12	50
Dibromofluoromethane (Surr)	97		75 - 120	05/06/21 16:20	05/19/21 22:12	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	05/06/21 16:20	05/19/21 22:12	50
Toluene-d8 (Surr)	96		75 - 120	05/06/21 16:20	05/19/21 22:12	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluoropentanoic acid (PFPeA)	<0.088		0.23	0.088	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluoroheptanoic acid (PFHpA)	0.091	J	0.23	0.033	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorooctanoic acid (PFOA)	<0.098		0.23	0.098	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorotridecanoic acid (PFTrDA)	<0.058		0.23	0.058	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorotetradecanoic acid (PFTeA)	<0.062		0.23	0.062	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.57	0.23	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Perfluorooctanesulfonamide (FOSA)	<0.093		0.23	0.093	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NMeFOSAA	<0.44		2.3	0.44	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NEtFOSAA	<0.42		2.3	0.42	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	*+	0.23	0.021	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
9CI-PF3ONS	<0.031		0.23	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
11CI-PF3OUdS	<0.025		0.23	0.025	ug/Kg	☼	05/15/21 07:35	05/16/21 17:31	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C5 PFPeA	71		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 PFHxA	74		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C4 PFHpA	87		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C4 PFOA	85		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C5 PFNA	89		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 PFDA	83		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 PFUnA	73		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 PFDoA	69		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 PFTeDA	51		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C3 PFBS	74		25 - 150				05/15/21 07:35	05/16/21 17:31	1
18O2 PFHxS	75		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C4 PFOS	72		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C8 FOSA	55		10 - 150				05/15/21 07:35	05/16/21 17:31	1
d3-NMeFOSAA	70		25 - 150				05/15/21 07:35	05/16/21 17:31	1
d5-NEtFOSAA	64		25 - 150				05/15/21 07:35	05/16/21 17:31	1
d-N-MeFOSA-M	31		10 - 150				05/15/21 07:35	05/16/21 17:31	1
d-N-EtFOSA-M	31		10 - 150				05/15/21 07:35	05/16/21 17:31	1
d7-N-MeFOSE-M	41		10 - 150				05/15/21 07:35	05/16/21 17:31	1
d9-N-EtFOSE-M	38		10 - 150				05/15/21 07:35	05/16/21 17:31	1
M2-4:2 FTS	127		25 - 150				05/15/21 07:35	05/16/21 17:31	1
M2-6:2 FTS	145		25 - 150				05/15/21 07:35	05/16/21 17:31	1
M2-8:2 FTS	98		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C3 HFPO-DA	77		25 - 150				05/15/21 07:35	05/16/21 17:31	1
13C2 10:2 FTS	63		25 - 150				05/15/21 07:35	05/16/21 17:31	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4200		24	9.6	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Antimony	<0.46		2.4	0.46	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Arsenic	1.0	J	1.2	0.40	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Barium	9.9		1.2	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Cadmium	0.055	J B	0.24	0.042	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Chromium	7.9		1.2	0.58	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Copper	9.4		1.2	0.33	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Iron	7800		24	12	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Lead	2.2		0.59	0.27	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Manganese	160		1.2	0.17	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Nickel	10		1.2	0.34	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Selenium	<0.69		1.2	0.69	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Silver	0.17	J	0.59	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1
Thallium	0.64	J	1.2	0.59	mg/Kg	☼	05/18/21 16:46	05/19/21 18:05	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.019	0.0064	mg/Kg	☼	05/18/21 15:00	05/19/21 09:16	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Bromobenzene	<25		71	25	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Bromochloromethane	<30		71	30	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Bromodichloromethane	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Bromoform	<34		71	34	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Bromomethane	<56		210	56	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Carbon tetrachloride	<27		71	27	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Chlorobenzene	<27		71	27	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Chloroethane	<36		71	36	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Chloroform	<26		140	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Chloromethane	<23		71	23	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
2-Chlorotoluene	<22		71	22	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
4-Chlorotoluene	<25		71	25	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
cis-1,3-Dichloropropene	<29		71	29	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Dibromochloromethane	<35		71	35	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,2-Dibromo-3-Chloropropane	<140	*	350	140	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,2-Dibromoethane	<27		71	27	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Dibromomethane	<19		71	19	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,3-Dichlorobenzene	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,1-Dichloroethane	<29		71	29	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,2-Dichloroethane	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,1-Dichloroethene	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,2-Dichloropropane	<30		71	30	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,3-Dichloropropane	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
2,2-Dichloropropane	<31		71	31	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,1-Dichloropropene	<21		71	21	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Ethylbenzene	<13		18	13	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Hexachlorobutadiene	<32		71	32	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Isopropylbenzene	<27		71	27	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Isopropyl ether	<20		71	20	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Methylene Chloride	<120		350	120	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Naphthalene	<24		71	24	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
n-Butylbenzene	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
N-Propylbenzene	<29		71	29	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
p-Isopropyltoluene	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
sec-Butylbenzene	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Styrene	<27		71	27	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
tert-Butylbenzene	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Tetrachloroethene	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
Toluene	<10		18	10	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	☼	05/06/21 16:25	05/19/21 22:40	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<32		71	32	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,1,1-Trichloroethane	<27		71	27	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
Trichloroethene	<12		35	12	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
Trichlorofluoromethane	<30		71	30	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,2,4-Trimethylbenzene	<25		71	25	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
Vinyl chloride	<19		71	19	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
Xylenes, Total	<16		35	16	ug/Kg	✱	05/06/21 16:25	05/19/21 22:40	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124				05/06/21 16:25	05/19/21 22:40	50
Dibromofluoromethane (Surr)	100		75 - 120				05/06/21 16:25	05/19/21 22:40	50
1,2-Dichloroethane-d4 (Surr)	106		75 - 126				05/06/21 16:25	05/19/21 22:40	50
Toluene-d8 (Surr)	94		75 - 120				05/06/21 16:25	05/19/21 22:40	50

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.032		0.23	0.032	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorohexanoic acid (PFHxA)	0.059	J	0.23	0.049	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluoroheptanoic acid (PFHpA)	0.24		0.23	0.034	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorooctanoic acid (PFOA)	2.7		0.23	0.10	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorononanoic acid (PFNA)	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorodecanoic acid (PFDA)	<0.026		0.23	0.026	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluoroundecanoic acid (PFUnA)	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorododecanoic acid (PFDoA)	<0.078		0.23	0.078	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorotridecanoic acid (PFTrDA)	<0.059		0.23	0.059	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorotetradecanoic acid (PFTeA)	<0.063		0.23	0.063	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorohexanesulfonic acid (PFHxS)	<0.036		0.23	0.036	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.041		0.23	0.041	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorooctanesulfonic acid (PFOS)	<0.23		0.58	0.23	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorododecanesulfonic acid (PFDoS)	<0.070		0.23	0.070	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
Perfluorooctanesulfonamide (FOSA)	<0.095		0.23	0.095	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NMeFOSA	<0.048		0.23	0.048	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NMeFOSAA	<0.45		2.3	0.45	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NEtFOSAA	<0.43		2.3	0.43	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
NEtFOSE	<0.042		0.23	0.042	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	✱	05/15/21 07:35	05/16/21 17:40	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	05/15/21 07:35	05/16/21 17:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.021	+	0.23	0.021	ug/Kg	☼	05/15/21 07:35	05/16/21 17:40	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	05/15/21 07:35	05/16/21 17:40	1
9CI-PF3ONS	<0.031		0.23	0.031	ug/Kg	☼	05/15/21 07:35	05/16/21 17:40	1
11CI-PF3OUdS	<0.026		0.23	0.026	ug/Kg	☼	05/15/21 07:35	05/16/21 17:40	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C5 PFPeA	84		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 PFHxA	89		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C4 PFHpA	100		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C4 PFOA	89		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C5 PFNA	106		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 PFDA	101		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 PFUnA	93		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 PFDoA	97		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 PFTeDA	90		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C3 PFBS	74		25 - 150	05/15/21 07:35	05/16/21 17:40	1
18O2 PFHxS	84		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C4 PFOS	74		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C8 FOSA	84		10 - 150	05/15/21 07:35	05/16/21 17:40	1
d3-NMeFOSAA	88		25 - 150	05/15/21 07:35	05/16/21 17:40	1
d5-NEtFOSAA	80		25 - 150	05/15/21 07:35	05/16/21 17:40	1
d-N-MeFOSA-M	69		10 - 150	05/15/21 07:35	05/16/21 17:40	1
d-N-EtFOSA-M	70		10 - 150	05/15/21 07:35	05/16/21 17:40	1
d7-N-MeFOSE-M	97		10 - 150	05/15/21 07:35	05/16/21 17:40	1
d9-N-EtFOSE-M	78		10 - 150	05/15/21 07:35	05/16/21 17:40	1
M2-4:2 FTS	85		25 - 150	05/15/21 07:35	05/16/21 17:40	1
M2-6:2 FTS	121		25 - 150	05/15/21 07:35	05/16/21 17:40	1
M2-8:2 FTS	117		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C3 HFPO-DA	88		25 - 150	05/15/21 07:35	05/16/21 17:40	1
13C2 10:2 FTS	84		25 - 150	05/15/21 07:35	05/16/21 17:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		23	9.5	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Antimony	<0.45		2.3	0.45	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Arsenic	0.58	J	1.2	0.40	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Barium	10		1.2	0.13	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Cadmium	0.069	J B	0.23	0.042	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Chromium	6.4		1.2	0.57	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Copper	6.6		1.2	0.32	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Iron	6200		23	12	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Lead	2.0		0.58	0.27	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Manganese	120		1.2	0.17	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Nickel	8.1		1.2	0.34	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Selenium	<0.68		1.2	0.68	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Silver	0.19	J	0.58	0.15	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1
Thallium	<0.58		1.2	0.58	mg/Kg	☼	05/18/21 16:46	05/19/21 18:08	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.6

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0064	J	0.019	0.0064	mg/Kg	☼	05/18/21 15:00	05/19/21 09:18	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: TB-09-210506

Lab Sample ID: 500-198861-19

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Bromobenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Bromochloromethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Bromodichloromethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Bromoform	<24		50	24	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Bromomethane	<40		150	40	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Chlorobenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Chloroethane	<25		50	25	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Chloroform	<19		100	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Chloromethane	<16		50	16	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Dibromochloromethane	<24		50	24	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2-Dibromo-3-Chloropropane	<100 *-		250	100	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Dibromomethane	<14		50	14	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Isopropylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Isopropyl ether	<14		50	14	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Methylene Chloride	<82		250	82	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Naphthalene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
n-Butylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
N-Propylbenzene	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Styrene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Tetrachloroethene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Toluene	<7.4		13	7.4	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: TB-09-210506

Lab Sample ID: 500-198861-19

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Vinyl chloride	<13		50	13	ug/Kg		05/06/21 00:00	05/19/21 19:20	50
Xylenes, Total	<11		25	11	ug/Kg		05/06/21 00:00	05/19/21 19:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	05/06/21 00:00	05/19/21 19:20	50
Dibromofluoromethane (Surr)	97		75 - 120	05/06/21 00:00	05/19/21 19:20	50
1,2-Dichloroethane-d4 (Surr)	105		75 - 126	05/06/21 00:00	05/19/21 19:20	50
Toluene-d8 (Surr)	95		75 - 120	05/06/21 00:00	05/19/21 19:20	50

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: TB-10-210506

Lab Sample ID: 500-198861-20

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Bromobenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Bromochloromethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Bromodichloromethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Bromoform	<24		50	24	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Bromomethane	<40		150	40	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Chlorobenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Chloroethane	<25		50	25	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Chloroform	<19		100	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Chloromethane	<16		50	16	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Dibromochloromethane	<24		50	24	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2-Dibromo-3-Chloropropane	<100 *-		250	100	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Dibromomethane	<14		50	14	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Isopropylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Isopropyl ether	<14		50	14	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Methylene Chloride	<82		250	82	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Naphthalene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
n-Butylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
N-Propylbenzene	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Styrene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Tetrachloroethene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Toluene	<7.4		13	7.4	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: TB-10-210506

Lab Sample ID: 500-198861-20

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Vinyl chloride	<13		50	13	ug/Kg		05/06/21 00:00	05/19/21 19:50	50
Xylenes, Total	<11		25	11	ug/Kg		05/06/21 00:00	05/19/21 19:50	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124	05/06/21 00:00	05/19/21 19:50	50
Dibromofluoromethane (Surr)	97		75 - 120	05/06/21 00:00	05/19/21 19:50	50
1,2-Dichloroethane-d4 (Surr)	103		75 - 126	05/06/21 00:00	05/19/21 19:50	50
Toluene-d8 (Surr)	95		75 - 120	05/06/21 00:00	05/19/21 19:50	50

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
Cl	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.
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.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
V	Serial Dilution exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Glossary (Continued)

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

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 Plant No 9 - 1690019647

Job ID: 500-198861-1

GC/MS VOA

Prep Batch: 597932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	5035	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	5035	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	5035	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	5035	
500-198861-8	SB-232 (2-3)	Total/NA	Solid	5035	
500-198861-9	SB-232 (9-10)	Total/NA	Solid	5035	
500-198861-10	SB-232 (11-12)	Total/NA	Solid	5035	
500-198861-11	SB-229B (10-11)	Total/NA	Solid	5035	
500-198861-14	SB-230A (12-13)	Total/NA	Solid	5035	
500-198861-15	DUP-08-210506	Total/NA	Solid	5035	
500-198861-16	SB-231A (2-3)	Total/NA	Solid	5035	
500-198861-17	SB-231A (7-8)	Total/NA	Solid	5035	
500-198861-18	SB-231A (10-11)	Total/NA	Solid	5035	
500-198861-19	TB-09-210506	Total/NA	Solid	5035	
500-198861-20	TB-10-210506	Total/NA	Solid	5035	
LB3 500-597932/18-A	Method Blank	Total/NA	Solid	5035	
LCS 500-597932/19-A	Lab Control Sample	Total/NA	Solid	5035	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	5035	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	5035	
500-198861-3 MS	SB-211 (1-2)	Total/NA	Solid	5035	
500-198861-3 MSD	SB-211 (1-2)	Total/NA	Solid	5035	

Analysis Batch: 599173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-597932/18-A	Method Blank	Total/NA	Solid	8260B	597932
MB 500-599173/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-599173/4	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 599415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	8260B	597932
MB 500-599415/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-597932/19-A	Lab Control Sample	Total/NA	Solid	8260B	597932
LCS 500-599415/4	Lab Control Sample	Total/NA	Solid	8260B	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	8260B	597932

Analysis Batch: 599744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-2	SB-210 (8-9)	Total/NA	Solid	8260B	597932
500-198861-11	SB-229B (10-11)	Total/NA	Solid	8260B	597932
500-198861-14	SB-230A (12-13)	Total/NA	Solid	8260B	597932
500-198861-15	DUP-08-210506	Total/NA	Solid	8260B	597932
500-198861-16	SB-231A (2-3)	Total/NA	Solid	8260B	597932
500-198861-17	SB-231A (7-8)	Total/NA	Solid	8260B	597932
500-198861-18	SB-231A (10-11)	Total/NA	Solid	8260B	597932
500-198861-19	TB-09-210506	Total/NA	Solid	8260B	597932
500-198861-20	TB-10-210506	Total/NA	Solid	8260B	597932
MB 500-599744/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-599744/4	Lab Control Sample	Total/NA	Solid	8260B	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	8260B	597932

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

GC/MS VOA

Analysis Batch: 599761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-3	SB-211 (1-2)	Total/NA	Solid	8260B	597932
500-198861-4	SB-211 (3-4)	Total/NA	Solid	8260B	597932
500-198861-8	SB-232 (2-3)	Total/NA	Solid	8260B	597932
500-198861-9	SB-232 (9-10)	Total/NA	Solid	8260B	597932
500-198861-10	SB-232 (11-12)	Total/NA	Solid	8260B	597932
MB 500-599761/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-599761/4	Lab Control Sample	Total/NA	Solid	8260B	
500-198861-3 MS	SB-211 (1-2)	Total/NA	Solid	8260B	597932
500-198861-3 MSD	SB-211 (1-2)	Total/NA	Solid	8260B	597932

GC/MS Semi VOA

Prep Batch: 599606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	3541	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	3541	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	3541	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	3541	
MB 500-599606/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599606/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	3541	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	3541	

Analysis Batch: 599716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	8270D	599606
500-198861-2	SB-210 (8-9)	Total/NA	Solid	8270D	599606
500-198861-3	SB-211 (1-2)	Total/NA	Solid	8270D	599606
500-198861-4	SB-211 (3-4)	Total/NA	Solid	8270D	599606
MB 500-599606/1-A	Method Blank	Total/NA	Solid	8270D	599606
LCS 500-599606/2-A	Lab Control Sample	Total/NA	Solid	8270D	599606
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	8270D	599606
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	8270D	599606

GC Semi VOA

Prep Batch: 599804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	3541	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	3541	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	3541	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	3541	
500-198861-5	SB-215 (2-3)	Total/NA	Solid	3541	
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	3541	
500-198861-7	SB-215 (10-11)	Total/NA	Solid	3541	
MB 500-599804/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-599804/3-A	Lab Control Sample	Total/NA	Solid	3541	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	3541	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	3541	

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

GC Semi VOA

Analysis Batch: 599810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	8082A	599804
500-198861-2	SB-210 (8-9)	Total/NA	Solid	8082A	599804
500-198861-3	SB-211 (1-2)	Total/NA	Solid	8082A	599804
500-198861-4	SB-211 (3-4)	Total/NA	Solid	8082A	599804
500-198861-5	SB-215 (2-3)	Total/NA	Solid	8082A	599804
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	8082A	599804
500-198861-7	SB-215 (10-11)	Total/NA	Solid	8082A	599804
MB 500-599804/1-A	Method Blank	Total/NA	Solid	8082A	599804
LCS 500-599804/3-A	Lab Control Sample	Total/NA	Solid	8082A	599804
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	8082A	599804
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	8082A	599804

LCMS

Prep Batch: 488559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-12	FB-06-210506	Total/NA	Water	3535	
500-198861-13	FB-05-210505	Total/NA	Water	3535	
MB 320-488559/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-488559/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-488559/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 489079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-12	FB-06-210506	Total/NA	Water	537 (modified)	488559
500-198861-13	FB-05-210505	Total/NA	Water	537 (modified)	488559
MB 320-488559/1-A	Method Blank	Total/NA	Water	537 (modified)	488559
LCSD 320-488559/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	488559

Prep Batch: 489288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	SHAKE	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	SHAKE	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	SHAKE	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	SHAKE	
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	SHAKE	
500-198861-7	SB-215 (10-11)	Total/NA	Solid	SHAKE	
500-198861-8	SB-232 (2-3)	Total/NA	Solid	SHAKE	
500-198861-9	SB-232 (9-10)	Total/NA	Solid	SHAKE	
500-198861-10	SB-232 (11-12)	Total/NA	Solid	SHAKE	
500-198861-11	SB-229B (10-11)	Total/NA	Solid	SHAKE	
500-198861-14	SB-230A (12-13)	Total/NA	Solid	SHAKE	
500-198861-15	DUP-08-210506	Total/NA	Solid	SHAKE	
500-198861-16	SB-231A (2-3)	Total/NA	Solid	SHAKE	
500-198861-17	SB-231A (7-8)	Total/NA	Solid	SHAKE	
500-198861-18	SB-231A (10-11)	Total/NA	Solid	SHAKE	
MB 320-489288/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-489288/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	SHAKE	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

LCMS

Analysis Batch: 489560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	537 (modified)	489288
500-198861-2	SB-210 (8-9)	Total/NA	Solid	537 (modified)	489288
500-198861-3	SB-211 (1-2)	Total/NA	Solid	537 (modified)	489288
500-198861-4	SB-211 (3-4)	Total/NA	Solid	537 (modified)	489288
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	537 (modified)	489288
500-198861-7	SB-215 (10-11)	Total/NA	Solid	537 (modified)	489288
500-198861-8	SB-232 (2-3)	Total/NA	Solid	537 (modified)	489288
500-198861-9	SB-232 (9-10)	Total/NA	Solid	537 (modified)	489288
500-198861-10	SB-232 (11-12)	Total/NA	Solid	537 (modified)	489288
500-198861-11	SB-229B (10-11)	Total/NA	Solid	537 (modified)	489288
500-198861-14	SB-230A (12-13)	Total/NA	Solid	537 (modified)	489288
500-198861-15	DUP-08-210506	Total/NA	Solid	537 (modified)	489288
500-198861-16	SB-231A (2-3)	Total/NA	Solid	537 (modified)	489288
500-198861-17	SB-231A (7-8)	Total/NA	Solid	537 (modified)	489288
500-198861-18	SB-231A (10-11)	Total/NA	Solid	537 (modified)	489288
MB 320-489288/1-A	Method Blank	Total/NA	Solid	537 (modified)	489288
LCS 320-489288/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	489288
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	537 (modified)	489288
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	537 (modified)	489288

Prep Batch: 489610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-5	SB-215 (2-3)	Total/NA	Solid	SHAKE	
MB 320-489610/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-489610/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
500-198861-5 MS	SB-215 (2-3)	Total/NA	Solid	SHAKE	
500-198861-5 MSD	SB-215 (2-3)	Total/NA	Solid	SHAKE	

Analysis Batch: 489830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 320-488559/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	488559

Analysis Batch: 489843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-5	SB-215 (2-3)	Total/NA	Solid	537 (modified)	489610
MB 320-489610/1-A	Method Blank	Total/NA	Solid	537 (modified)	489610
LCS 320-489610/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	489610
500-198861-5 MS	SB-215 (2-3)	Total/NA	Solid	537 (modified)	489610
500-198861-5 MSD	SB-215 (2-3)	Total/NA	Solid	537 (modified)	489610

Metals

Prep Batch: 599548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	7471B	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	7471B	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	7471B	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	7471B	
500-198861-5	SB-215 (2-3)	Total/NA	Solid	7471B	
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	7471B	
500-198861-7	SB-215 (10-11)	Total/NA	Solid	7471B	

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Metals (Continued)

Prep Batch: 599548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-8	SB-232 (2-3)	Total/NA	Solid	7471B	
500-198861-9	SB-232 (9-10)	Total/NA	Solid	7471B	
500-198861-10	SB-232 (11-12)	Total/NA	Solid	7471B	
500-198861-11	SB-229B (10-11)	Total/NA	Solid	7471B	
500-198861-14	SB-230A (12-13)	Total/NA	Solid	7471B	
500-198861-15	DUP-08-210506	Total/NA	Solid	7471B	
500-198861-16	SB-231A (2-3)	Total/NA	Solid	7471B	
500-198861-17	SB-231A (7-8)	Total/NA	Solid	7471B	
500-198861-18	SB-231A (10-11)	Total/NA	Solid	7471B	
MB 500-599548/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-599548/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	7471B	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	7471B	
500-198861-1 DU	SB-210 (1-3)	Total/NA	Solid	7471B	

Prep Batch: 599576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	3050B	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	3050B	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	3050B	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	3050B	
500-198861-5	SB-215 (2-3)	Total/NA	Solid	3050B	
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	3050B	
500-198861-7	SB-215 (10-11)	Total/NA	Solid	3050B	
500-198861-8	SB-232 (2-3)	Total/NA	Solid	3050B	
500-198861-9	SB-232 (9-10)	Total/NA	Solid	3050B	
500-198861-10	SB-232 (11-12)	Total/NA	Solid	3050B	
500-198861-11	SB-229B (10-11)	Total/NA	Solid	3050B	
500-198861-14	SB-230A (12-13)	Total/NA	Solid	3050B	
500-198861-15	DUP-08-210506	Total/NA	Solid	3050B	
500-198861-16	SB-231A (2-3)	Total/NA	Solid	3050B	
500-198861-17	SB-231A (7-8)	Total/NA	Solid	3050B	
500-198861-18	SB-231A (10-11)	Total/NA	Solid	3050B	
MB 500-599576/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-599576/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	3050B	
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	3050B	
500-198861-1 DU	SB-210 (1-3)	Total/NA	Solid	3050B	

Analysis Batch: 599733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	7471B	599548
500-198861-2	SB-210 (8-9)	Total/NA	Solid	7471B	599548
500-198861-3	SB-211 (1-2)	Total/NA	Solid	7471B	599548
500-198861-4	SB-211 (3-4)	Total/NA	Solid	7471B	599548
500-198861-5	SB-215 (2-3)	Total/NA	Solid	7471B	599548
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	7471B	599548
500-198861-7	SB-215 (10-11)	Total/NA	Solid	7471B	599548
500-198861-8	SB-232 (2-3)	Total/NA	Solid	7471B	599548
500-198861-9	SB-232 (9-10)	Total/NA	Solid	7471B	599548
500-198861-10	SB-232 (11-12)	Total/NA	Solid	7471B	599548

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Metals (Continued)

Analysis Batch: 599733 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-11	SB-229B (10-11)	Total/NA	Solid	7471B	599548
500-198861-14	SB-230A (12-13)	Total/NA	Solid	7471B	599548
500-198861-15	DUP-08-210506	Total/NA	Solid	7471B	599548
500-198861-16	SB-231A (2-3)	Total/NA	Solid	7471B	599548
500-198861-17	SB-231A (7-8)	Total/NA	Solid	7471B	599548
500-198861-18	SB-231A (10-11)	Total/NA	Solid	7471B	599548
MB 500-599548/12-A	Method Blank	Total/NA	Solid	7471B	599548
LCS 500-599548/13-A	Lab Control Sample	Total/NA	Solid	7471B	599548
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	7471B	599548
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	7471B	599548
500-198861-1 DU	SB-210 (1-3)	Total/NA	Solid	7471B	599548

Analysis Batch: 599924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	6010B	599576
500-198861-2	SB-210 (8-9)	Total/NA	Solid	6010B	599576
500-198861-3	SB-211 (1-2)	Total/NA	Solid	6010B	599576
500-198861-4	SB-211 (3-4)	Total/NA	Solid	6010B	599576
500-198861-5	SB-215 (2-3)	Total/NA	Solid	6010B	599576
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	6010B	599576
500-198861-7	SB-215 (10-11)	Total/NA	Solid	6010B	599576
500-198861-8	SB-232 (2-3)	Total/NA	Solid	6010B	599576
500-198861-9	SB-232 (9-10)	Total/NA	Solid	6010B	599576
500-198861-10	SB-232 (11-12)	Total/NA	Solid	6010B	599576
500-198861-11	SB-229B (10-11)	Total/NA	Solid	6010B	599576
500-198861-14	SB-230A (12-13)	Total/NA	Solid	6010B	599576
500-198861-15	DUP-08-210506	Total/NA	Solid	6010B	599576
500-198861-16	SB-231A (2-3)	Total/NA	Solid	6010B	599576
500-198861-17	SB-231A (7-8)	Total/NA	Solid	6010B	599576
500-198861-18	SB-231A (10-11)	Total/NA	Solid	6010B	599576
MB 500-599576/1-A	Method Blank	Total/NA	Solid	6010B	599576
LCS 500-599576/2-A	Lab Control Sample	Total/NA	Solid	6010B	599576
500-198861-1 MS	SB-210 (1-3)	Total/NA	Solid	6010B	599576
500-198861-1 MSD	SB-210 (1-3)	Total/NA	Solid	6010B	599576
500-198861-1 DU	SB-210 (1-3)	Total/NA	Solid	6010B	599576

Analysis Batch: 600008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-5	SB-215 (2-3)	Total/NA	Solid	6010B	599576

General Chemistry

Analysis Batch: 599569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-1	SB-210 (1-3)	Total/NA	Solid	Moisture	
500-198861-2	SB-210 (8-9)	Total/NA	Solid	Moisture	
500-198861-3	SB-211 (1-2)	Total/NA	Solid	Moisture	
500-198861-4	SB-211 (3-4)	Total/NA	Solid	Moisture	
500-198861-5	SB-215 (2-3)	Total/NA	Solid	Moisture	
500-198861-6	SB-215 (7.5-8.5)	Total/NA	Solid	Moisture	
500-198861-7	SB-215 (10-11)	Total/NA	Solid	Moisture	

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QC Association Summary

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

General Chemistry (Continued)

Analysis Batch: 599569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-8	SB-232 (2-3)	Total/NA	Solid	Moisture	
500-198861-9	SB-232 (9-10)	Total/NA	Solid	Moisture	
500-198861-10	SB-232 (11-12)	Total/NA	Solid	Moisture	
500-198861-11	SB-229B (10-11)	Total/NA	Solid	Moisture	
500-198861-3 DU	SB-211 (1-2)	Total/NA	Solid	Moisture	

Analysis Batch: 599570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-198861-14	SB-230A (12-13)	Total/NA	Solid	Moisture	
500-198861-15	DUP-08-210506	Total/NA	Solid	Moisture	
500-198861-16	SB-231A (2-3)	Total/NA	Solid	Moisture	
500-198861-17	SB-231A (7-8)	Total/NA	Solid	Moisture	
500-198861-18	SB-231A (10-11)	Total/NA	Solid	Moisture	
500-198861-16 DU	SB-231A (2-3)	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-198861-1	SB-210 (1-3)	86	83	89	97
500-198861-1 MS	SB-210 (1-3)	83	90	86	98
500-198861-1 MSD	SB-210 (1-3)	88	101	103	95
500-198861-2	SB-210 (8-9)	88	99	105	96
500-198861-3	SB-211 (1-2)	110	96	100	99
500-198861-3 MS	SB-211 (1-2)	104	96	97	101
500-198861-3 MSD	SB-211 (1-2)	105	99	97	104
500-198861-4	SB-211 (3-4)	112	96	100	99
500-198861-8	SB-232 (2-3)	110	95	99	100
500-198861-9	SB-232 (9-10)	107	93	100	102
500-198861-10	SB-232 (11-12)	108	92	99	99
500-198861-11	SB-229B (10-11)	88	97	106	95
500-198861-14	SB-230A (12-13)	90	95	104	96
500-198861-15	DUP-08-210506	90	98	103	95
500-198861-16	SB-231A (2-3)	89	97	105	95
500-198861-17	SB-231A (7-8)	88	97	103	96
500-198861-18	SB-231A (10-11)	91	100	106	94
500-198861-19	TB-09-210506	91	97	105	95
500-198861-20	TB-10-210506	89	97	103	95
LB3 500-597932/18-A	Method Blank	93	107	108	101
LCS 500-597932/19-A	Lab Control Sample	82	89	85	97
LCS 500-599173/4	Lab Control Sample	88	98	98	104
LCS 500-599415/4	Lab Control Sample	83	94	100	94
LCS 500-599744/4	Lab Control Sample	89	99	99	96
LCS 500-599761/4	Lab Control Sample	99	98	99	102
MB 500-599173/6	Method Blank	93	109	109	101
MB 500-599415/6	Method Blank	84	89	100	94
MB 500-599744/6	Method Blank	95	103	104	95
MB 500-599761/6	Method Blank	113	97	99	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (43-145)	NBZ (37-147)	TPHL (42-157)
500-198861-1	SB-210 (1-3)	86	83	96
500-198861-1 MS	SB-210 (1-3)	77	75	94
500-198861-1 MSD	SB-210 (1-3)	79	76	99
500-198861-2	SB-210 (8-9)	77	77	94
500-198861-3	SB-211 (1-2)	66	62	81
500-198861-4	SB-211 (3-4)	81	82	92
LCS 500-599606/2-A	Lab Control Sample	92	94	96
MB 500-599606/1-A	Method Blank	93	93	94

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Surrogate Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 TPHL = Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (49-129)	DCBP1 (37-121)
500-198861-1	SB-210 (1-3)	82	67
500-198861-1 MS	SB-210 (1-3)	75	62
500-198861-1 MSD	SB-210 (1-3)	78	63
500-198861-2	SB-210 (8-9)	80	56
500-198861-3	SB-211 (1-2)	72	55
500-198861-4	SB-211 (3-4)	88	67
500-198861-5	SB-215 (2-3)	68	56
500-198861-6	SB-215 (7.5-8.5)	69	55
500-198861-7	SB-215 (10-11)	84	70
LCS 500-599804/3-A	Lab Control Sample	86	73
MB 500-599804/1-A	Method Blank	111	86

Surrogate Legend

TCX = Tetrachloro-m-xylene
 DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LB3 500-597932/18-A
Matrix: Solid
Analysis Batch: 599173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597932

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Bromobenzene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Bromochloromethane	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Bromodichloromethane	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Bromoform	<24		50	24	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Bromomethane	<40		150	40	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Chlorobenzene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Chloroethane	<25		50	25	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Chloroform	<19		100	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Chloromethane	<16		50	16	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Dibromochloromethane	<24		50	24	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Dibromomethane	<14		50	14	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Isopropylbenzene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Isopropyl ether	<14		50	14	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Methylene Chloride	<82		250	82	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Naphthalene	<17		50	17	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
n-Butylbenzene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
N-Propylbenzene	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Styrene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Tetrachloroethene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
Toluene	<7.4		13	7.4	ug/Kg		05/10/21 19:00	05/17/21 12:28	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LB3 500-597932/18-A
Matrix: Solid
Analysis Batch: 599173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597932

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
Trichloroethene	<8.2		25	8.2	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
Trichlorofluoromethane	<21		50	21	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
Vinyl chloride	<13		50	13	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	
Xylenes, Total	<11		25	11	ug/Kg		05/10/21 19:00	05/17/21 12:28		50	

Surrogate	LB3	LB3	Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	93		72 - 124	05/10/21 19:00	05/17/21 12:28		50	
Dibromofluoromethane (Surr)	107		75 - 120	05/10/21 19:00	05/17/21 12:28		50	
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	05/10/21 19:00	05/17/21 12:28		50	
Toluene-d8 (Surr)	101		75 - 120	05/10/21 19:00	05/17/21 12:28		50	

Lab Sample ID: LCS 500-597932/19-A
Matrix: Solid
Analysis Batch: 599415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Benzene	2500	2530		ug/Kg		101	70 - 120	
Bromobenzene	2500	2150		ug/Kg		86	70 - 122	
Bromochloromethane	2500	2320		ug/Kg		93	65 - 122	
Bromodichloromethane	2500	2090		ug/Kg		83	69 - 120	
Bromoform	2500	1570		ug/Kg		63	56 - 132	
Bromomethane	2500	3650		ug/Kg		146	40 - 152	
Carbon tetrachloride	2500	2150		ug/Kg		86	59 - 133	
Chlorobenzene	2500	2580		ug/Kg		103	70 - 120	
Chloroethane	2500	3140		ug/Kg		126	48 - 136	
Chloroform	2500	2420		ug/Kg		97	70 - 120	
Chloromethane	2500	1650		ug/Kg		66	56 - 152	
2-Chlorotoluene	2500	2320		ug/Kg		93	70 - 125	
4-Chlorotoluene	2500	2350		ug/Kg		94	68 - 124	
cis-1,2-Dichloroethene	2500	2470		ug/Kg		99	70 - 125	
cis-1,3-Dichloropropene	2500	1870		ug/Kg		75	64 - 127	
Dibromochloromethane	2500	1750		ug/Kg		70	68 - 125	
1,2-Dibromo-3-Chloropropane	2500	1270	*	ug/Kg		51	56 - 123	
1,2-Dibromoethane	2500	2010		ug/Kg		81	70 - 125	
Dibromomethane	2500	2220		ug/Kg		89	70 - 120	
1,2-Dichlorobenzene	2500	2280		ug/Kg		91	70 - 125	
1,3-Dichlorobenzene	2500	2390		ug/Kg		96	70 - 125	
1,4-Dichlorobenzene	2500	2360		ug/Kg		95	70 - 120	
Dichlorodifluoromethane	2500	1070		ug/Kg		43	40 - 159	
1,1-Dichloroethane	2500	2320		ug/Kg		93	70 - 125	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-597932/19-A
Matrix: Solid
Analysis Batch: 599415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	2500	2310		ug/Kg		93	68 - 127
1,1-Dichloroethene	2500	2240		ug/Kg		90	67 - 122
1,2-Dichloropropane	2500	2370		ug/Kg		95	67 - 130
1,3-Dichloropropane	2500	2150		ug/Kg		86	62 - 136
2,2-Dichloropropane	2500	1760		ug/Kg		70	58 - 139
1,1-Dichloropropene	2500	2320		ug/Kg		93	70 - 121
Ethylbenzene	2500	2710		ug/Kg		108	70 - 123
Hexachlorobutadiene	2500	2580		ug/Kg		103	51 - 150
Isopropylbenzene	2500	2340		ug/Kg		94	70 - 126
Methylene Chloride	2500	2310		ug/Kg		92	69 - 125
Methyl tert-butyl ether	2500	2270		ug/Kg		91	55 - 123
Naphthalene	2500	2040		ug/Kg		82	53 - 144
n-Butylbenzene	2500	2360		ug/Kg		94	68 - 125
N-Propylbenzene	2500	2360		ug/Kg		94	69 - 127
p-Isopropyltoluene	2500	2470		ug/Kg		99	70 - 125
sec-Butylbenzene	2500	2400		ug/Kg		96	70 - 123
Styrene	2500	2600		ug/Kg		104	70 - 120
tert-Butylbenzene	2500	2380		ug/Kg		95	70 - 121
1,1,1,2-Tetrachloroethane	2500	2290		ug/Kg		92	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	1660		ug/Kg		66	62 - 140
Tetrachloroethene	2500	2600		ug/Kg		104	70 - 128
Toluene	2500	2580		ug/Kg		103	70 - 125
trans-1,2-Dichloroethene	2500	2370		ug/Kg		95	70 - 125
trans-1,3-Dichloropropene	2500	1690		ug/Kg		68	62 - 128
1,2,3-Trichlorobenzene	2500	2180		ug/Kg		87	51 - 145
1,2,4-Trichlorobenzene	2500	2130		ug/Kg		85	57 - 137
1,1,1-Trichloroethane	2500	2370		ug/Kg		95	70 - 125
1,1,2-Trichloroethane	2500	2190		ug/Kg		88	71 - 130
Trichloroethene	2500	2600		ug/Kg		104	70 - 125
Trichlorofluoromethane	2500	1970		ug/Kg		79	55 - 128
1,2,3-Trichloropropane	2500	1840		ug/Kg		74	50 - 133
1,2,4-Trimethylbenzene	2500	2370		ug/Kg		95	70 - 123
1,3,5-Trimethylbenzene	2500	2390		ug/Kg		96	70 - 123
Vinyl chloride	2500	1980		ug/Kg		79	64 - 126
Xylenes, Total	5000	5500		ug/Kg		110	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		72 - 124
Dibromofluoromethane (Surr)	89		75 - 120
1,2-Dichloroethane-d4 (Surr)	85		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599415

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<10		3500	3120		ug/Kg	☆	89	70 - 120

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MS

Matrix: Solid

Analysis Batch: 599415

Client Sample ID: SB-210 (1-3)

Prep Type: Total/NA

Prep Batch: 597932

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromobenzene	<25		3500	2630		ug/Kg	☼	75	70 - 122
Bromochloromethane	<30		3500	2830		ug/Kg	☼	81	65 - 122
Bromodichloromethane	<26		3500	2510		ug/Kg	☼	72	69 - 120
Bromoform	<34	F1	3500	1810	F1	ug/Kg	☼	52	56 - 132
Bromomethane	<55		3500	4920		ug/Kg	☼	141	40 - 152
Carbon tetrachloride	<27		3500	2620		ug/Kg	☼	75	59 - 133
Chlorobenzene	<27		3500	3060		ug/Kg	☼	87	70 - 120
Chloroethane	<35		3500	4360		ug/Kg	☼	125	48 - 136
Chloroform	<26		3500	2950		ug/Kg	☼	84	70 - 120
Chloromethane	<22		3500	2760		ug/Kg	☼	79	56 - 152
2-Chlorotoluene	<22		3500	2850		ug/Kg	☼	81	70 - 125
4-Chlorotoluene	<24		3500	2900		ug/Kg	☼	83	68 - 124
cis-1,2-Dichloroethene	<28		3500	3020		ug/Kg	☼	86	70 - 125
cis-1,3-Dichloropropene	<29		3500	2250		ug/Kg	☼	64	64 - 127
Dibromochloromethane	<34	F1	3500	2100	F1	ug/Kg	☼	60	68 - 125
1,2-Dibromo-3-Chloropropane	<140	*- F1	3500	1610	F1	ug/Kg	☼	46	56 - 123
1,2-Dibromoethane	<27		3500	2450		ug/Kg	☼	70	70 - 125
Dibromomethane	<19		3500	2660		ug/Kg	☼	76	70 - 120
1,2-Dichlorobenzene	<23		3500	2810		ug/Kg	☼	80	70 - 125
1,3-Dichlorobenzene	<28		3500	2910		ug/Kg	☼	83	70 - 125
1,4-Dichlorobenzene	<25		3500	2950		ug/Kg	☼	84	70 - 120
Dichlorodifluoromethane	<47		3500	2520		ug/Kg	☼	72	40 - 159
1,1-Dichloroethane	<29		3500	2840		ug/Kg	☼	81	70 - 125
1,2-Dichloroethane	<27		3500	2820		ug/Kg	☼	81	68 - 127
1,1-Dichloroethene	<27		3500	2940		ug/Kg	☼	84	67 - 122
1,2-Dichloropropane	<30		3500	2930		ug/Kg	☼	84	67 - 130
1,3-Dichloropropane	<25		3500	2560		ug/Kg	☼	73	62 - 136
2,2-Dichloropropane	<31		3500	2350		ug/Kg	☼	67	58 - 139
1,1-Dichloropropene	<21		3500	2850		ug/Kg	☼	81	70 - 121
Ethylbenzene	<13		3500	3220		ug/Kg	☼	92	70 - 123
Hexachlorobutadiene	<31		3500	3280		ug/Kg	☼	94	51 - 150
Isopropylbenzene	<27		3500	2830		ug/Kg	☼	81	70 - 126
Methylene Chloride	<110		3500	2920		ug/Kg	☼	83	69 - 125
Methyl tert-butyl ether	<27		3500	2830		ug/Kg	☼	81	55 - 123
Naphthalene	26	J	3500	2650		ug/Kg	☼	75	53 - 144
n-Butylbenzene	<27		3500	2980		ug/Kg	☼	85	68 - 125
N-Propylbenzene	<29		3500	2890		ug/Kg	☼	83	69 - 127
p-Isopropyltoluene	<25		3500	3040		ug/Kg	☼	87	70 - 125
sec-Butylbenzene	<28		3500	2940		ug/Kg	☼	84	70 - 123
Styrene	<27		3500	3070		ug/Kg	☼	88	70 - 120
tert-Butylbenzene	<28		3500	2910		ug/Kg	☼	83	70 - 121
1,1,1,2-Tetrachloroethane	<32		3500	2670		ug/Kg	☼	76	70 - 125
1,1,1,2,2-Tetrachloroethane	<28	F1	3500	2040	F1	ug/Kg	☼	58	62 - 140
Tetrachloroethene	<26		3500	3110		ug/Kg	☼	89	70 - 128
Toluene	<10		3500	3090		ug/Kg	☼	88	70 - 125
trans-1,2-Dichloroethene	<24		3500	2970		ug/Kg	☼	85	70 - 125
trans-1,3-Dichloropropene	<25	F1	3500	2050	F1	ug/Kg	☼	59	62 - 128
1,2,3-Trichlorobenzene	<32		3500	2860		ug/Kg	☼	82	51 - 145
1,2,4-Trichlorobenzene	<24		3500	2750		ug/Kg	☼	79	57 - 137

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599415

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1,1-Trichloroethane	<26		3500	2960		ug/Kg	☼	85	70 - 125	
1,1,2-Trichloroethane	<25		3500	2590		ug/Kg	☼	74	71 - 130	
Trichloroethene	<11		3500	3250		ug/Kg	☼	93	70 - 125	
Trichlorofluoromethane	<30		3500	2620		ug/Kg	☼	75	55 - 128	
1,2,3-Trichloropropane	<29		3500	2200		ug/Kg	☼	63	50 - 133	
1,2,4-Trimethylbenzene	<25		3500	2950		ug/Kg	☼	84	70 - 123	
1,3,5-Trimethylbenzene	<26		3500	2910		ug/Kg	☼	83	70 - 123	
Vinyl chloride	<18		3500	2970		ug/Kg	☼	85	64 - 126	
Xylenes, Total	<15		7000	6630		ug/Kg	☼	95	70 - 125	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	83		72 - 124							
Dibromofluoromethane (Surr)	90		75 - 120							
1,2-Dichloroethane-d4 (Surr)	86		75 - 126							
Toluene-d8 (Surr)	98		75 - 120							

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599744

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzene	<10		3480	3570		ug/Kg	☼	103	70 - 120	13	30	
Bromobenzene	<25		3480	3560		ug/Kg	☼	102	70 - 122	30	30	
Bromochloromethane	<30		3480	4050	F2	ug/Kg	☼	116	65 - 122	35	30	
Bromodichloromethane	<26		3480	3670	F2	ug/Kg	☼	105	69 - 120	37	30	
Bromoform	<34	F1	3480	3980	F2	ug/Kg	☼	115	56 - 132	75	30	
Bromomethane	<55		3480	3860		ug/Kg	☼	111	40 - 152	24	30	
Carbon tetrachloride	<27		3480	3710	F2	ug/Kg	☼	107	59 - 133	35	30	
Chlorobenzene	<27		3480	3600		ug/Kg	☼	103	70 - 120	16	30	
Chloroethane	<35		3480	2790	F2	ug/Kg	☼	80	48 - 136	44	30	
Chloroform	<26		3480	3490		ug/Kg	☼	100	70 - 120	17	30	
Chloromethane	<22		3480	2740		ug/Kg	☼	79	56 - 152	1	30	
2-Chlorotoluene	<22		3480	3220		ug/Kg	☼	93	70 - 125	12	30	
4-Chlorotoluene	<24		3480	3310		ug/Kg	☼	95	68 - 124	13	30	
cis-1,2-Dichloroethene	<28		3480	3650		ug/Kg	☼	105	70 - 125	19	30	
cis-1,3-Dichloropropene	<29		3480	3400	F2	ug/Kg	☼	98	64 - 127	41	30	
Dibromochloromethane	<34	F1	3480	3600	F2	ug/Kg	☼	103	68 - 125	53	30	
1,2-Dibromo-3-Chloropropane	<140	*- F1	3480	2770	F2	ug/Kg	☼	80	56 - 123	53	30	
1,2-Dibromoethane	<27		3480	3940	F2	ug/Kg	☼	113	70 - 125	47	30	
Dibromomethane	<19		3480	4070	F2	ug/Kg	☼	117	70 - 120	42	30	
1,2-Dichlorobenzene	<23		3480	3530		ug/Kg	☼	101	70 - 125	23	30	
1,3-Dichlorobenzene	<28		3480	3500		ug/Kg	☼	101	70 - 125	19	30	
1,4-Dichlorobenzene	<25		3480	3540		ug/Kg	☼	102	70 - 120	18	30	
Dichlorodifluoromethane	<47		3480	4370	F2	ug/Kg	☼	126	40 - 159	54	30	
1,1-Dichloroethane	<29		3480	3420		ug/Kg	☼	98	70 - 125	18	30	
1,2-Dichloroethane	<27		3480	3710		ug/Kg	☼	107	68 - 127	27	30	
1,1-Dichloroethene	<27		3480	3670		ug/Kg	☼	105	67 - 122	22	30	
1,2-Dichloropropane	<30		3480	3640		ug/Kg	☼	105	67 - 130	22	30	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599744

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
1,3-Dichloropropane	<25		3480	3660	F2	ug/Kg	*	105	62 - 136	35	30	
2,2-Dichloropropane	<31		3480	3340	F2	ug/Kg	*	96	58 - 139	35	30	
1,1-Dichloropropene	<21		3480	3570		ug/Kg	*	103	70 - 121	22	30	
Ethylbenzene	<13		3480	3530		ug/Kg	*	102	70 - 123	9	30	
Hexachlorobutadiene	<31		3480	3420		ug/Kg	*	98	51 - 150	4	30	
Isopropylbenzene	<27		3480	3290		ug/Kg	*	94	70 - 126	15	30	
Methylene Chloride	<110		3480	3650		ug/Kg	*	105	69 - 125	22	30	
Methyl tert-butyl ether	<27		3480	3600		ug/Kg	*	103	55 - 123	24	30	
Naphthalene	26	J	3480	3200		ug/Kg	*	91	53 - 144	19	30	
n-Butylbenzene	<27		3480	3150		ug/Kg	*	91	68 - 125	6	30	
N-Propylbenzene	<29		3480	3150		ug/Kg	*	90	69 - 127	8	30	
p-Isopropyltoluene	<25		3480	3290		ug/Kg	*	94	70 - 125	8	30	
sec-Butylbenzene	<28		3480	3170		ug/Kg	*	91	70 - 123	8	30	
Styrene	<27		3480	3690		ug/Kg	*	106	70 - 120	18	30	
tert-Butylbenzene	<28		3480	3220		ug/Kg	*	93	70 - 121	10	30	
1,1,1,2-Tetrachloroethane	<32		3480	3730	F2	ug/Kg	*	107	70 - 125	33	30	
1,1,1,2-Tetrachloroethane	<28	F1	3480	3570	F2	ug/Kg	*	103	62 - 140	55	30	
Tetrachloroethene	<26		3480	3840		ug/Kg	*	111	70 - 128	21	30	
Toluene	<10		3480	3610		ug/Kg	*	104	70 - 125	15	30	
trans-1,2-Dichloroethene	<24		3480	3620		ug/Kg	*	104	70 - 125	20	30	
trans-1,3-Dichloropropene	<25	F1	3480	3400	F2	ug/Kg	*	98	62 - 128	50	30	
1,2,3-Trichlorobenzene	<32		3480	3750		ug/Kg	*	108	51 - 145	27	30	
1,2,4-Trichlorobenzene	<24		3480	3700		ug/Kg	*	106	57 - 137	29	30	
1,1,1-Trichloroethane	<26		3480	3710		ug/Kg	*	107	70 - 125	23	30	
1,1,2-Trichloroethane	<25		3480	3910	F2	ug/Kg	*	112	71 - 130	40	30	
Trichloroethene	<11		3480	4000		ug/Kg	*	115	70 - 125	20	30	
Trichlorofluoromethane	<30		3480	3770	F2	ug/Kg	*	108	55 - 128	36	30	
1,2,3-Trichloropropane	<29		3480	3800	F2	ug/Kg	*	109	50 - 133	53	30	
1,2,4-Trimethylbenzene	<25		3480	3350		ug/Kg	*	96	70 - 123	13	30	
1,3,5-Trimethylbenzene	<26		3480	3250		ug/Kg	*	93	70 - 123	11	30	
Vinyl chloride	<18		3480	3580		ug/Kg	*	103	64 - 126	19	30	
Xylenes, Total	<15		6960	7140		ug/Kg	*	103	70 - 125	7	30	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	101		75 - 120
1,2-Dichloroethane-d4 (Surr)	103		75 - 126
Toluene-d8 (Surr)	95		75 - 120

Lab Sample ID: 500-198861-3 MS
Matrix: Solid
Analysis Batch: 599761

Client Sample ID: SB-211 (1-2)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Benzene	<10		3410	3450		ug/Kg	*	101	70 - 120	
Bromobenzene	<24		3410	3530		ug/Kg	*	104	70 - 122	
Bromochloromethane	<29		3410	3540		ug/Kg	*	104	65 - 122	
Bromodichloromethane	<25		3410	3410		ug/Kg	*	100	69 - 120	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-3 MS

Matrix: Solid

Analysis Batch: 599761

Client Sample ID: SB-211 (1-2)

Prep Type: Total/NA

Prep Batch: 597932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	<33		3410	3500		ug/Kg	☼	103	56 - 132
Bromomethane	<54		3410	2830		ug/Kg	☼	83	40 - 152
Carbon tetrachloride	<26		3410	3010		ug/Kg	☼	88	59 - 133
Chlorobenzene	<26		3410	3470		ug/Kg	☼	102	70 - 120
Chloroethane	<34		3410	2840		ug/Kg	☼	83	48 - 136
Chloroform	<25		3410	3340		ug/Kg	☼	98	70 - 120
Chloromethane	<22		3410	4060		ug/Kg	☼	119	56 - 152
2-Chlorotoluene	<21		3410	3550		ug/Kg	☼	104	70 - 125
4-Chlorotoluene	<24		3410	3520		ug/Kg	☼	103	68 - 124
cis-1,2-Dichloroethene	<28		3410	3370		ug/Kg	☼	99	70 - 125
cis-1,3-Dichloropropene	<28		3410	3440		ug/Kg	☼	101	64 - 127
Dibromochloromethane	<33		3410	3450		ug/Kg	☼	101	68 - 125
1,2-Dibromo-3-Chloropropane	<140	*	3410	3210		ug/Kg	☼	94	56 - 123
1,2-Dibromoethane	<26		3410	3650		ug/Kg	☼	107	70 - 125
Dibromomethane	<18		3410	3520		ug/Kg	☼	103	70 - 120
1,2-Dichlorobenzene	<23		3410	3390		ug/Kg	☼	100	70 - 125
1,3-Dichlorobenzene	<27		3410	3420		ug/Kg	☼	100	70 - 125
1,4-Dichlorobenzene	<25		3410	3340		ug/Kg	☼	98	70 - 120
Dichlorodifluoromethane	<46		3410	3160		ug/Kg	☼	93	40 - 159
1,1-Dichloroethane	<28		3410	3420		ug/Kg	☼	100	70 - 125
1,2-Dichloroethane	<27		3410	3410		ug/Kg	☼	100	68 - 127
1,1-Dichloroethene	<27		3410	3050		ug/Kg	☼	90	67 - 122
1,2-Dichloropropane	<29		3410	3710		ug/Kg	☼	109	67 - 130
1,3-Dichloropropane	<25		3410	3670		ug/Kg	☼	108	62 - 136
2,2-Dichloropropane	<30		3410	3160		ug/Kg	☼	93	58 - 139
1,1-Dichloropropene	<20		3410	3530		ug/Kg	☼	103	70 - 121
Ethylbenzene	14	J	3410	3530		ug/Kg	☼	103	70 - 123
Hexachlorobutadiene	<30		3410	3690		ug/Kg	☼	108	51 - 150
Isopropylbenzene	<26		3410	3550		ug/Kg	☼	104	70 - 126
Methylene Chloride	<110		3410	3230		ug/Kg	☼	95	69 - 125
Methyl tert-butyl ether	<27		3410	3320		ug/Kg	☼	97	55 - 123
Naphthalene	46	J	3410	3440		ug/Kg	☼	100	53 - 144
n-Butylbenzene	<26		3410	3480		ug/Kg	☼	102	68 - 125
N-Propylbenzene	<28		3410	3620		ug/Kg	☼	106	69 - 127
p-Isopropyltoluene	<25		3410	3370		ug/Kg	☼	99	70 - 125
sec-Butylbenzene	<27		3410	3390		ug/Kg	☼	99	70 - 123
Styrene	<26		3410	3400		ug/Kg	☼	100	70 - 120
tert-Butylbenzene	<27		3410	3470		ug/Kg	☼	102	70 - 121
1,1,1,2-Tetrachloroethane	<31		3410	3410		ug/Kg	☼	100	70 - 125
1,1,1,2,2-Tetrachloroethane	<27		3410	3730		ug/Kg	☼	110	62 - 140
Tetrachloroethene	<25		3410	3620		ug/Kg	☼	106	70 - 128
Toluene	32		3410	3580		ug/Kg	☼	104	70 - 125
trans-1,2-Dichloroethene	<24		3410	3370		ug/Kg	☼	99	70 - 125
trans-1,3-Dichloropropene	<25		3410	3270		ug/Kg	☼	96	62 - 128
1,2,3-Trichlorobenzene	<31		3410	3130		ug/Kg	☼	92	51 - 145
1,2,4-Trichlorobenzene	<23		3410	3180		ug/Kg	☼	93	57 - 137
1,1,1-Trichloroethane	<26		3410	3550		ug/Kg	☼	104	70 - 125
1,1,2-Trichloroethane	<24		3410	3720		ug/Kg	☼	109	71 - 130
Trichloroethene	96		3410	3540		ug/Kg	☼	101	70 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-3 MS

Matrix: Solid

Analysis Batch: 599761

Client Sample ID: SB-211 (1-2)

Prep Type: Total/NA

Prep Batch: 597932

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Trichlorofluoromethane	<29		3410	2900		ug/Kg	☼	85	55 - 128
1,2,3-Trichloropropane	<28		3410	3840		ug/Kg	☼	113	50 - 133
1,2,4-Trimethylbenzene	<24		3410	3380		ug/Kg	☼	99	70 - 123
1,3,5-Trimethylbenzene	<26		3410	3360		ug/Kg	☼	99	70 - 123
Vinyl chloride	<18		3410	3330		ug/Kg	☼	98	64 - 126
Xylenes, Total	140		6820	6950		ug/Kg	☼	100	70 - 125

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: 500-198861-3 MSD

Matrix: Solid

Analysis Batch: 599761

Client Sample ID: SB-211 (1-2)

Prep Type: Total/NA

Prep Batch: 597932

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<10		3410	3310		ug/Kg	☼	97	70 - 120	4	30
Bromobenzene	<24		3410	3420		ug/Kg	☼	100	70 - 122	3	30
Bromochloromethane	<29		3410	3370		ug/Kg	☼	99	65 - 122	5	30
Bromodichloromethane	<25		3410	3240		ug/Kg	☼	95	69 - 120	5	30
Bromoform	<33		3410	3430		ug/Kg	☼	101	56 - 132	2	30
Bromomethane	<54		3410	2810		ug/Kg	☼	82	40 - 152	1	30
Carbon tetrachloride	<26		3410	2950		ug/Kg	☼	87	59 - 133	2	30
Chlorobenzene	<26		3410	3430		ug/Kg	☼	101	70 - 120	1	30
Chloroethane	<34		3410	2930		ug/Kg	☼	86	48 - 136	3	30
Chloroform	<25		3410	3220		ug/Kg	☼	94	70 - 120	4	30
Chloromethane	<22		3410	3940		ug/Kg	☼	116	56 - 152	3	30
2-Chlorotoluene	<21		3410	3400		ug/Kg	☼	100	70 - 125	4	30
4-Chlorotoluene	<24		3410	3320		ug/Kg	☼	98	68 - 124	6	30
cis-1,2-Dichloroethene	<28		3410	3290		ug/Kg	☼	96	70 - 125	2	30
cis-1,3-Dichloropropene	<28		3410	3360		ug/Kg	☼	99	64 - 127	2	30
Dibromochloromethane	<33		3410	3360		ug/Kg	☼	99	68 - 125	3	30
1,2-Dibromo-3-Chloropropane	<140	*-	3410	3180		ug/Kg	☼	93	56 - 123	1	30
1,2-Dibromoethane	<26		3410	3500		ug/Kg	☼	103	70 - 125	4	30
Dibromomethane	<18		3410	3290		ug/Kg	☼	97	70 - 120	7	30
1,2-Dichlorobenzene	<23		3410	3320		ug/Kg	☼	98	70 - 125	2	30
1,3-Dichlorobenzene	<27		3410	3340		ug/Kg	☼	98	70 - 125	2	30
1,4-Dichlorobenzene	<25		3410	3260		ug/Kg	☼	96	70 - 120	2	30
Dichlorodifluoromethane	<46		3410	3050		ug/Kg	☼	89	40 - 159	4	30
1,1-Dichloroethane	<28		3410	3360		ug/Kg	☼	98	70 - 125	2	30
1,2-Dichloroethane	<27		3410	3230		ug/Kg	☼	95	68 - 127	5	30
1,1-Dichloroethene	<27		3410	3040		ug/Kg	☼	89	67 - 122	0	30
1,2-Dichloropropane	<29		3410	3500		ug/Kg	☼	103	67 - 130	6	30
1,3-Dichloropropane	<25		3410	3620		ug/Kg	☼	106	62 - 136	1	30
2,2-Dichloropropane	<30		3410	3190		ug/Kg	☼	94	58 - 139	1	30
1,1-Dichloropropene	<20		3410	3360		ug/Kg	☼	99	70 - 121	5	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-3 MSD
Matrix: Solid
Analysis Batch: 599761

Client Sample ID: SB-211 (1-2)
Prep Type: Total/NA
Prep Batch: 597932

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Ethylbenzene	14	J	3410	3410		ug/Kg	*	100	70 - 123	4	30
Hexachlorobutadiene	<30		3410	3460		ug/Kg	*	102	51 - 150	6	30
Isopropylbenzene	<26		3410	3380		ug/Kg	*	99	70 - 126	5	30
Methylene Chloride	<110		3410	3170		ug/Kg	*	93	69 - 125	2	30
Methyl tert-butyl ether	<27		3410	3270		ug/Kg	*	96	55 - 123	2	30
Naphthalene	46	J	3410	3380		ug/Kg	*	98	53 - 144	2	30
n-Butylbenzene	<26		3410	3300		ug/Kg	*	97	68 - 125	5	30
N-Propylbenzene	<28		3410	3450		ug/Kg	*	101	69 - 127	5	30
p-Isopropyltoluene	<25		3410	3240		ug/Kg	*	95	70 - 125	4	30
sec-Butylbenzene	<27		3410	3300		ug/Kg	*	97	70 - 123	3	30
Styrene	<26		3410	3350		ug/Kg	*	98	70 - 120	1	30
tert-Butylbenzene	<27		3410	3330		ug/Kg	*	98	70 - 121	4	30
1,1,1,2-Tetrachloroethane	<31		3410	3380		ug/Kg	*	99	70 - 125	1	30
1,1,2,2-Tetrachloroethane	<27		3410	3590		ug/Kg	*	105	62 - 140	4	30
Tetrachloroethene	<25		3410	3580		ug/Kg	*	105	70 - 128	1	30
Toluene	32		3410	3490		ug/Kg	*	101	70 - 125	3	30
trans-1,2-Dichloroethene	<24		3410	3240		ug/Kg	*	95	70 - 125	4	30
trans-1,3-Dichloropropene	<25		3410	3200		ug/Kg	*	94	62 - 128	2	30
1,2,3-Trichlorobenzene	<31		3410	3170		ug/Kg	*	93	51 - 145	1	30
1,2,4-Trichlorobenzene	<23		3410	3120		ug/Kg	*	91	57 - 137	2	30
1,1,1-Trichloroethane	<26		3410	3390		ug/Kg	*	99	70 - 125	5	30
1,1,2-Trichloroethane	<24		3410	3610		ug/Kg	*	106	71 - 130	3	30
Trichloroethene	96		3410	3310		ug/Kg	*	94	70 - 125	7	30
Trichlorofluoromethane	<29		3410	2840		ug/Kg	*	83	55 - 128	2	30
1,2,3-Trichloropropane	<28		3410	3580		ug/Kg	*	105	50 - 133	7	30
1,2,4-Trimethylbenzene	<24		3410	3290		ug/Kg	*	97	70 - 123	3	30
1,3,5-Trimethylbenzene	<26		3410	3270		ug/Kg	*	96	70 - 123	3	30
Vinyl chloride	<18		3410	3330		ug/Kg	*	98	64 - 126	0	30
Xylenes, Total	140		6820	6840		ug/Kg	*	98	70 - 125	2	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: MB 500-599173/6
Matrix: Solid
Analysis Batch: 599173

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		0.25	0.15	ug/Kg			05/17/21 11:35	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/17/21 11:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/17/21 11:35	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/17/21 11:35	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/17/21 11:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/17/21 11:35	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599173/6
Matrix: Solid
Analysis Batch: 599173

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/17/21 11:35	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/17/21 11:35	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/17/21 11:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/17/21 11:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/17/21 11:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/17/21 11:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/17/21 11:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/17/21 11:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/17/21 11:35	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/17/21 11:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/17/21 11:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 11:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/17/21 11:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/17/21 11:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/17/21 11:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/17/21 11:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/17/21 11:35	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/17/21 11:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/17/21 11:35	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/17/21 11:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/17/21 11:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/17/21 11:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/17/21 11:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/17/21 11:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 11:35	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/17/21 11:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/17/21 11:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/17/21 11:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/17/21 11:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/17/21 11:35	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/17/21 11:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/17/21 11:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/17/21 11:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/17/21 11:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/17/21 11:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/17/21 11:35	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/17/21 11:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/17/21 11:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/17/21 11:35	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599173/6
Matrix: Solid
Analysis Batch: 599173

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/17/21 11:35	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/17/21 11:35	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/17/21 11:35	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/17/21 11:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		72 - 124		05/17/21 11:35	1
Dibromofluoromethane (Surr)	109		75 - 120		05/17/21 11:35	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		05/17/21 11:35	1
Toluene-d8 (Surr)	101		75 - 120		05/17/21 11:35	1

Lab Sample ID: LCS 500-599173/4
Matrix: Solid
Analysis Batch: 599173

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	50.0	48.3		ug/Kg		97	70 - 120
Bromobenzene	50.0	51.1		ug/Kg		102	70 - 122
Bromochloromethane	50.0	50.8		ug/Kg		102	65 - 122
Bromodichloromethane	50.0	47.6		ug/Kg		95	69 - 120
Bromoform	50.0	53.7		ug/Kg		107	56 - 132
Bromomethane	50.0	68.0		ug/Kg		136	40 - 152
Carbon tetrachloride	50.0	48.4		ug/Kg		97	59 - 133
Chlorobenzene	50.0	52.9		ug/Kg		106	70 - 120
Chloroethane	50.0	77.2	*+	ug/Kg		154	48 - 136
Chloroform	50.0	47.1		ug/Kg		94	70 - 120
Chloromethane	50.0	55.8		ug/Kg		112	56 - 152
2-Chlorotoluene	50.0	46.3		ug/Kg		93	70 - 125
4-Chlorotoluene	50.0	47.5		ug/Kg		95	68 - 124
cis-1,2-Dichloroethene	50.0	47.0		ug/Kg		94	70 - 125
cis-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	64 - 127
Dibromochloromethane	50.0	53.1		ug/Kg		106	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	43.1		ug/Kg		86	56 - 123
1,2-Dibromoethane	50.0	51.8		ug/Kg		104	70 - 125
Dibromomethane	50.0	49.8		ug/Kg		100	70 - 120
1,2-Dichlorobenzene	50.0	51.7		ug/Kg		103	70 - 125
1,3-Dichlorobenzene	50.0	50.9		ug/Kg		102	70 - 125
1,4-Dichlorobenzene	50.0	51.2		ug/Kg		102	70 - 120
Dichlorodifluoromethane	50.0	53.5		ug/Kg		107	40 - 159
1,1-Dichloroethane	50.0	48.5		ug/Kg		97	70 - 125
1,2-Dichloroethane	50.0	49.5		ug/Kg		99	68 - 127
1,1-Dichloroethene	50.0	49.8		ug/Kg		100	67 - 122
1,2-Dichloropropane	50.0	49.7		ug/Kg		99	67 - 130
1,3-Dichloropropane	50.0	51.9		ug/Kg		104	62 - 136
2,2-Dichloropropane	50.0	43.2		ug/Kg		86	58 - 139
1,1-Dichloropropene	50.0	47.5		ug/Kg		95	70 - 121
Ethylbenzene	50.0	49.1		ug/Kg		98	70 - 123
Hexachlorobutadiene	50.0	58.0		ug/Kg		116	51 - 150

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599173/4
Matrix: Solid
Analysis Batch: 599173

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	50.0	47.0		ug/Kg		94	70 - 126
Methylene Chloride	50.0	48.1		ug/Kg		96	69 - 125
Methyl tert-butyl ether	50.0	42.9		ug/Kg		86	55 - 123
Naphthalene	50.0	48.9		ug/Kg		98	53 - 144
n-Butylbenzene	50.0	46.6		ug/Kg		93	68 - 125
N-Propylbenzene	50.0	47.3		ug/Kg		95	69 - 127
p-Isopropyltoluene	50.0	49.0		ug/Kg		98	70 - 125
sec-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 123
Styrene	50.0	50.6		ug/Kg		101	70 - 120
tert-Butylbenzene	50.0	47.9		ug/Kg		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/Kg		93	62 - 140
Tetrachloroethene	50.0	58.4		ug/Kg		117	70 - 128
Toluene	50.0	51.7		ug/Kg		103	70 - 125
trans-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	70 - 125
trans-1,3-Dichloropropene	50.0	47.9		ug/Kg		96	62 - 128
1,2,3-Trichlorobenzene	50.0	53.5		ug/Kg		107	51 - 145
1,2,4-Trichlorobenzene	50.0	50.3		ug/Kg		101	57 - 137
1,1,1-Trichloroethane	50.0	47.5		ug/Kg		95	70 - 125
1,1,2-Trichloroethane	50.0	54.0		ug/Kg		108	71 - 130
Trichloroethene	50.0	52.2		ug/Kg		104	70 - 125
Trichlorofluoromethane	50.0	54.3		ug/Kg		109	55 - 128
1,2,3-Trichloropropane	50.0	47.5		ug/Kg		95	50 - 133
1,2,4-Trimethylbenzene	50.0	47.5		ug/Kg		95	70 - 123
1,3,5-Trimethylbenzene	50.0	48.0		ug/Kg		96	70 - 123
Vinyl chloride	50.0	55.6		ug/Kg		111	64 - 126
Xylenes, Total	100	94.5		ug/Kg		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	98		75 - 126
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: MB 500-599415/6
Matrix: Solid
Analysis Batch: 599415

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/18/21 12:02	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/18/21 12:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/18/21 12:02	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/18/21 12:02	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/18/21 12:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/18/21 12:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/18/21 12:02	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599415/6
Matrix: Solid
Analysis Batch: 599415

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloroform	<0.37		2.0	0.37	ug/Kg			05/18/21 12:02	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/18/21 12:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/18/21 12:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/18/21 12:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/18/21 12:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/18/21 12:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/18/21 12:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/18/21 12:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/18/21 12:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/18/21 12:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/18/21 12:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/18/21 12:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/18/21 12:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/18/21 12:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/18/21 12:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/18/21 12:02	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/18/21 12:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/18/21 12:02	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/18/21 12:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/18/21 12:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/18/21 12:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/18/21 12:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/18/21 12:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/18/21 12:02	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/18/21 12:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/18/21 12:02	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/18/21 12:02	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/18/21 12:02	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/18/21 12:02	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/18/21 12:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/18/21 12:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/18/21 12:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/18/21 12:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/18/21 12:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/18/21 12:02	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/18/21 12:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/18/21 12:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/18/21 12:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/18/21 12:02	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/18/21 12:02	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599415/6
Matrix: Solid
Analysis Batch: 599415

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/18/21 12:02	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/18/21 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		05/18/21 12:02	1
Dibromofluoromethane (Surr)	89		75 - 120		05/18/21 12:02	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		05/18/21 12:02	1
Toluene-d8 (Surr)	94		75 - 120		05/18/21 12:02	1

Lab Sample ID: LCS 500-599415/4
Matrix: Solid
Analysis Batch: 599415

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.2		ug/Kg		92	70 - 120
Bromobenzene	50.0	38.5		ug/Kg		77	70 - 122
Bromochloromethane	50.0	48.1		ug/Kg		96	65 - 122
Bromodichloromethane	50.0	42.2		ug/Kg		84	69 - 120
Bromoform	50.0	35.4		ug/Kg		71	56 - 132
Bromomethane	50.0	58.8		ug/Kg		118	40 - 152
Carbon tetrachloride	50.0	42.2		ug/Kg		84	59 - 133
Chlorobenzene	50.0	45.1		ug/Kg		90	70 - 120
Chloroethane	50.0	53.3		ug/Kg		107	48 - 136
Chloroform	50.0	44.3		ug/Kg		89	70 - 120
Chloromethane	50.0	47.4		ug/Kg		95	56 - 152
2-Chlorotoluene	50.0	39.7		ug/Kg		79	70 - 125
4-Chlorotoluene	50.0	40.8		ug/Kg		82	68 - 124
cis-1,2-Dichloroethene	50.0	44.3		ug/Kg		89	70 - 125
cis-1,3-Dichloropropene	50.0	39.2		ug/Kg		78	64 - 127
Dibromochloromethane	50.0	36.6		ug/Kg		73	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	28.7		ug/Kg		57	56 - 123
1,2-Dibromoethane	50.0	43.7		ug/Kg		87	70 - 125
Dibromomethane	50.0	48.4		ug/Kg		97	70 - 120
1,2-Dichlorobenzene	50.0	41.0		ug/Kg		82	70 - 125
1,3-Dichlorobenzene	50.0	41.3		ug/Kg		83	70 - 125
1,4-Dichlorobenzene	50.0	41.5		ug/Kg		83	70 - 120
Dichlorodifluoromethane	50.0	57.5		ug/Kg		115	40 - 159
1,1-Dichloroethane	50.0	42.2		ug/Kg		84	70 - 125
1,2-Dichloroethane	50.0	48.3		ug/Kg		97	68 - 127
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	67 - 122
1,2-Dichloropropane	50.0	44.2		ug/Kg		88	67 - 130
1,3-Dichloropropane	50.0	45.1		ug/Kg		90	62 - 136
2,2-Dichloropropane	50.0	41.8		ug/Kg		84	58 - 139
1,1-Dichloropropene	50.0	44.9		ug/Kg		90	70 - 121
Ethylbenzene	50.0	46.4		ug/Kg		93	70 - 123
Hexachlorobutadiene	50.0	44.8		ug/Kg		90	51 - 150
Isopropylbenzene	50.0	39.6		ug/Kg		79	70 - 126
Methylene Chloride	50.0	46.5		ug/Kg		93	69 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599415/4
Matrix: Solid
Analysis Batch: 599415

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	49.6		ug/Kg		99	55 - 123
Naphthalene	50.0	40.0		ug/Kg		80	53 - 144
n-Butylbenzene	50.0	41.9		ug/Kg		84	68 - 125
N-Propylbenzene	50.0	40.5		ug/Kg		81	69 - 127
p-Isopropyltoluene	50.0	42.3		ug/Kg		85	70 - 125
sec-Butylbenzene	50.0	41.1		ug/Kg		82	70 - 123
Styrene	50.0	45.6		ug/Kg		91	70 - 120
tert-Butylbenzene	50.0	40.1		ug/Kg		80	70 - 121
1,1,1,2-Tetrachloroethane	50.0	41.6		ug/Kg		83	70 - 125
1,1,2,2-Tetrachloroethane	50.0	38.6		ug/Kg		77	62 - 140
Tetrachloroethene	50.0	47.9		ug/Kg		96	70 - 128
Toluene	50.0	44.7		ug/Kg		89	70 - 125
trans-1,2-Dichloroethene	50.0	44.9		ug/Kg		90	70 - 125
trans-1,3-Dichloropropene	50.0	39.1		ug/Kg		78	62 - 128
1,2,3-Trichlorobenzene	50.0	41.0		ug/Kg		82	51 - 145
1,2,4-Trichlorobenzene	50.0	38.8		ug/Kg		78	57 - 137
1,1,1-Trichloroethane	50.0	44.6		ug/Kg		89	70 - 125
1,1,2-Trichloroethane	50.0	45.1		ug/Kg		90	71 - 130
Trichloroethene	50.0	46.1		ug/Kg		92	70 - 125
Trichlorofluoromethane	50.0	43.2		ug/Kg		86	55 - 128
1,2,3-Trichloropropane	50.0	39.3		ug/Kg		79	50 - 133
1,2,4-Trimethylbenzene	50.0	40.1		ug/Kg		80	70 - 123
1,3,5-Trimethylbenzene	50.0	40.2		ug/Kg		80	70 - 123
Vinyl chloride	50.0	51.5		ug/Kg		103	64 - 126
Xylenes, Total	100	94.7		ug/Kg		95	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-599744/6
Matrix: Solid
Analysis Batch: 599744

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			05/19/21 14:50	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/19/21 14:50	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/19/21 14:50	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/19/21 14:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/19/21 14:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/19/21 14:50	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/19/21 14:50	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/19/21 14:50	1

Euofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599744/6
Matrix: Solid
Analysis Batch: 599744

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/19/21 14:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/19/21 14:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/19/21 14:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/19/21 14:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/19/21 14:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/19/21 14:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/19/21 14:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/19/21 14:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/19/21 14:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/19/21 14:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/19/21 14:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/19/21 14:50	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/19/21 14:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/19/21 14:50	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/19/21 14:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/19/21 14:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/19/21 14:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/19/21 14:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/19/21 14:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:50	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/19/21 14:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/19/21 14:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/19/21 14:50	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/19/21 14:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/19/21 14:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/19/21 14:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/19/21 14:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/19/21 14:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/19/21 14:50	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/19/21 14:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:50	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/19/21 14:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:50	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/19/21 14:50	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/19/21 14:50	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/19/21 14:50	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		05/19/21 14:50	1
Dibromofluoromethane (Surr)	103		75 - 120		05/19/21 14:50	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126		05/19/21 14:50	1
Toluene-d8 (Surr)	95		75 - 120		05/19/21 14:50	1

Lab Sample ID: LCS 500-599744/4
Matrix: Solid
Analysis Batch: 599744

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.9		ug/Kg		98	70 - 120
Bromobenzene	50.0	50.3		ug/Kg		101	70 - 122
Bromochloromethane	50.0	55.7		ug/Kg		111	65 - 122
Bromodichloromethane	50.0	50.0		ug/Kg		100	69 - 120
Bromoform	50.0	56.1		ug/Kg		112	56 - 132
Bromomethane	50.0	60.5		ug/Kg		121	40 - 152
Carbon tetrachloride	50.0	52.4		ug/Kg		105	59 - 133
Chlorobenzene	50.0	50.3		ug/Kg		101	70 - 120
Chloroethane	50.0	51.8		ug/Kg		104	48 - 136
Chloroform	50.0	48.0		ug/Kg		96	70 - 120
Chloromethane	50.0	38.6		ug/Kg		77	56 - 152
2-Chlorotoluene	50.0	46.2		ug/Kg		92	70 - 125
4-Chlorotoluene	50.0	47.0		ug/Kg		94	68 - 124
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	70 - 125
cis-1,3-Dichloropropene	50.0	47.6		ug/Kg		95	64 - 127
Dibromochloromethane	50.0	50.8		ug/Kg		102	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.1		ug/Kg		80	56 - 123
1,2-Dibromoethane	50.0	54.2		ug/Kg		108	70 - 125
Dibromomethane	50.0	55.1		ug/Kg		110	70 - 120
1,2-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 125
1,3-Dichlorobenzene	50.0	49.9		ug/Kg		100	70 - 125
1,4-Dichlorobenzene	50.0	49.3		ug/Kg		99	70 - 120
Dichlorodifluoromethane	50.0	63.6		ug/Kg		127	40 - 159
1,1-Dichloroethane	50.0	47.2		ug/Kg		94	70 - 125
1,2-Dichloroethane	50.0	50.2		ug/Kg		100	68 - 127
1,1-Dichloroethene	50.0	49.9		ug/Kg		100	67 - 122
1,2-Dichloropropane	50.0	49.9		ug/Kg		100	67 - 130
1,3-Dichloropropane	50.0	50.5		ug/Kg		101	62 - 136
2,2-Dichloropropane	50.0	49.1		ug/Kg		98	58 - 139
1,1-Dichloropropene	50.0	49.0		ug/Kg		98	70 - 121
Ethylbenzene	50.0	49.4		ug/Kg		99	70 - 123
Hexachlorobutadiene	50.0	50.8		ug/Kg		102	51 - 150
Isopropylbenzene	50.0	48.2		ug/Kg		96	70 - 126
Methylene Chloride	50.0	48.8		ug/Kg		98	69 - 125
Methyl tert-butyl ether	50.0	47.8		ug/Kg		96	55 - 123
Naphthalene	50.0	49.4		ug/Kg		99	53 - 144
n-Butylbenzene	50.0	45.6		ug/Kg		91	68 - 125
N-Propylbenzene	50.0	45.8		ug/Kg		92	69 - 127
p-Isopropyltoluene	50.0	47.3		ug/Kg		95	70 - 125
sec-Butylbenzene	50.0	45.8		ug/Kg		92	70 - 123
Styrene	50.0	51.1		ug/Kg		102	70 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599744/4
Matrix: Solid
Analysis Batch: 599744

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 121
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/Kg		104	70 - 125
1,1,2,2-Tetrachloroethane	50.0	49.6		ug/Kg		99	62 - 140
Tetrachloroethene	50.0	53.6		ug/Kg		107	70 - 128
Toluene	50.0	50.4		ug/Kg		101	70 - 125
trans-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 125
trans-1,3-Dichloropropene	50.0	47.9		ug/Kg		96	62 - 128
1,2,3-Trichlorobenzene	50.0	58.4		ug/Kg		117	51 - 145
1,2,4-Trichlorobenzene	50.0	53.7		ug/Kg		107	57 - 137
1,1,1-Trichloroethane	50.0	52.6		ug/Kg		105	70 - 125
1,1,2-Trichloroethane	50.0	54.5		ug/Kg		109	71 - 130
Trichloroethene	50.0	55.0		ug/Kg		110	70 - 125
Trichlorofluoromethane	50.0	55.8		ug/Kg		112	55 - 128
1,2,3-Trichloropropane	50.0	54.1		ug/Kg		108	50 - 133
1,2,4-Trimethylbenzene	50.0	47.7		ug/Kg		95	70 - 123
1,3,5-Trimethylbenzene	50.0	47.0		ug/Kg		94	70 - 123
Vinyl chloride	50.0	51.3		ug/Kg		103	64 - 126
Xylenes, Total	100	98.5		ug/Kg		98	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	89		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	99		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-599761/6
Matrix: Solid
Analysis Batch: 599761

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		0.25	0.15	ug/Kg			05/19/21 14:16	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			05/19/21 14:16	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/19/21 14:16	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/19/21 14:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/19/21 14:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/19/21 14:16	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/19/21 14:16	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/19/21 14:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/19/21 14:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/19/21 14:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/19/21 14:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/19/21 14:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/19/21 14:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/19/21 14:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 500-599761/6
Matrix: Solid
Analysis Batch: 599761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/19/21 14:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/19/21 14:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/19/21 14:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/19/21 14:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/19/21 14:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/19/21 14:16	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/19/21 14:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/19/21 14:16	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/19/21 14:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/19/21 14:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/19/21 14:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/19/21 14:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/19/21 14:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:16	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/19/21 14:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/19/21 14:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/19/21 14:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/19/21 14:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/19/21 14:16	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/19/21 14:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/19/21 14:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/19/21 14:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/19/21 14:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/19/21 14:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/19/21 14:16	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/19/21 14:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/19/21 14:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/19/21 14:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/19/21 14:16	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/19/21 14:16	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/19/21 14:16	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/19/21 14:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		05/19/21 14:16	1
Dibromofluoromethane (Surr)	97		75 - 120		05/19/21 14:16	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		05/19/21 14:16	1
Toluene-d8 (Surr)	104		75 - 120		05/19/21 14:16	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599761/4

Matrix: Solid

Analysis Batch: 599761

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.7		ug/Kg		97	70 - 120
Bromobenzene	50.0	48.5		ug/Kg		97	70 - 122
Bromochloromethane	50.0	51.0		ug/Kg		102	65 - 122
Bromodichloromethane	50.0	49.7		ug/Kg		99	69 - 120
Bromoform	50.0	56.6		ug/Kg		113	56 - 132
Bromomethane	50.0	52.2		ug/Kg		104	40 - 152
Carbon tetrachloride	50.0	44.8		ug/Kg		90	59 - 133
Chlorobenzene	50.0	50.0		ug/Kg		100	70 - 120
Chloroethane	50.0	48.1		ug/Kg		96	48 - 136
Chloroform	50.0	48.1		ug/Kg		96	70 - 120
Chloromethane	50.0	58.9		ug/Kg		118	56 - 152
2-Chlorotoluene	50.0	49.3		ug/Kg		99	70 - 125
4-Chlorotoluene	50.0	49.1		ug/Kg		98	68 - 124
cis-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 125
cis-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	64 - 127
Dibromochloromethane	50.0	52.4		ug/Kg		105	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	47.9		ug/Kg		96	56 - 123
1,2-Dibromoethane	50.0	54.2		ug/Kg		108	70 - 125
Dibromomethane	50.0	51.3		ug/Kg		103	70 - 120
1,2-Dichlorobenzene	50.0	47.1		ug/Kg		94	70 - 125
1,3-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 125
1,4-Dichlorobenzene	50.0	47.0		ug/Kg		94	70 - 120
Dichlorodifluoromethane	50.0	47.7		ug/Kg		95	40 - 159
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 125
1,2-Dichloroethane	50.0	49.1		ug/Kg		98	68 - 127
1,1-Dichloroethene	50.0	45.4		ug/Kg		91	67 - 122
1,2-Dichloropropane	50.0	52.5		ug/Kg		105	67 - 130
1,3-Dichloropropane	50.0	54.0		ug/Kg		108	62 - 136
2,2-Dichloropropane	50.0	48.1		ug/Kg		96	58 - 139
1,1-Dichloropropene	50.0	51.7		ug/Kg		103	70 - 121
Ethylbenzene	50.0	50.5		ug/Kg		101	70 - 123
Hexachlorobutadiene	50.0	50.5		ug/Kg		101	51 - 150
Isopropylbenzene	50.0	49.3		ug/Kg		99	70 - 126
Methylene Chloride	50.0	46.5		ug/Kg		93	69 - 125
Methyl tert-butyl ether	50.0	48.8		ug/Kg		98	55 - 123
Naphthalene	50.0	45.5		ug/Kg		91	53 - 144
n-Butylbenzene	50.0	49.0		ug/Kg		98	68 - 125
N-Propylbenzene	50.0	50.2		ug/Kg		100	69 - 127
p-Isopropyltoluene	50.0	47.9		ug/Kg		96	70 - 125
sec-Butylbenzene	50.0	47.8		ug/Kg		96	70 - 123
Styrene	50.0	49.6		ug/Kg		99	70 - 120
tert-Butylbenzene	50.0	48.5		ug/Kg		97	70 - 121
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/Kg		102	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	55.7		ug/Kg		111	62 - 140
Tetrachloroethene	50.0	54.0		ug/Kg		108	70 - 128
Toluene	50.0	50.8		ug/Kg		102	70 - 125
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	50.0	49.9		ug/Kg		100	62 - 128

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599761/4
 Matrix: Solid
 Analysis Batch: 599761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	50.0	43.1		ug/Kg		86	51 - 145
1,2,4-Trichlorobenzene	50.0	44.7		ug/Kg		89	57 - 137
1,1,1-Trichloroethane	50.0	51.9		ug/Kg		104	70 - 125
1,1,2-Trichloroethane	50.0	53.4		ug/Kg		107	71 - 130
Trichloroethene	50.0	48.6		ug/Kg		97	70 - 125
Trichlorofluoromethane	50.0	44.2		ug/Kg		88	55 - 128
1,2,3-Trichloropropane	50.0	53.0		ug/Kg		106	50 - 133
1,2,4-Trimethylbenzene	50.0	46.6		ug/Kg		93	70 - 123
1,3,5-Trimethylbenzene	50.0	47.6		ug/Kg		95	70 - 123
Vinyl chloride	50.0	48.4		ug/Kg		97	64 - 126
Xylenes, Total	100	98.3		ug/Kg		98	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	99		75 - 126
Toluene-d8 (Surr)	102		75 - 120

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

Lab Sample ID: MB 500-599606/1-A
 Matrix: Solid
 Analysis Batch: 599716

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 599606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.0		33	6.0	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Anthracene	<5.6		33	5.6	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Chrysene	<9.1		33	9.1	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Fluorene	<4.7		33	4.7	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/18/21 20:05	05/19/21 10:43	1
Pyrene	<6.6		33	6.6	ug/Kg		05/18/21 20:05	05/19/21 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	93		43 - 145	05/18/21 20:05	05/19/21 10:43	1
Nitrobenzene-d5 (Surr)	93		37 - 147	05/18/21 20:05	05/19/21 10:43	1
Terphenyl-d14 (Surr)	94		42 - 157	05/18/21 20:05	05/19/21 10:43	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 500-599606/2-A
Matrix: Solid
Analysis Batch: 599716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1330	1260		ug/Kg		94	65 - 124
Acenaphthylene	1330	1230		ug/Kg		92	68 - 120
Anthracene	1330	1180		ug/Kg		89	70 - 114
Benzo[a]anthracene	1330	1270		ug/Kg		95	67 - 122
Benzo[a]pyrene	1330	1430		ug/Kg		107	65 - 133
Benzo[b]fluoranthene	1330	1380		ug/Kg		103	69 - 129
Benzo[g,h,i]perylene	1330	1340		ug/Kg		101	72 - 131
Benzo[k]fluoranthene	1330	1280		ug/Kg		96	68 - 127
Chrysene	1330	1320		ug/Kg		99	63 - 120
Dibenz(a,h)anthracene	1330	1290		ug/Kg		97	64 - 131
Fluoranthene	1330	1260		ug/Kg		95	62 - 120
Fluorene	1330	1210		ug/Kg		91	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1280		ug/Kg		96	68 - 130
1-Methylnaphthalene	1330	1250		ug/Kg		94	68 - 111
2-Methylnaphthalene	1330	1240		ug/Kg		93	69 - 112
Naphthalene	1330	1210		ug/Kg		90	63 - 110
Phenanthrene	1330	1220		ug/Kg		91	62 - 120
Pyrene	1330	1320		ug/Kg		99	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	92		43 - 145
Nitrobenzene-d5 (Surr)	94		37 - 147
Terphenyl-d14 (Surr)	96		42 - 157

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599716

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599606

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	29	J	1570	1450		ug/Kg	☼	91	65 - 124
Acenaphthylene	20	J	1570	1300		ug/Kg	☼	82	68 - 120
Anthracene	69		1570	1500		ug/Kg	☼	92	70 - 114
Benzo[a]anthracene	170		1570	2010		ug/Kg	☼	118	67 - 122
Benzo[a]pyrene	180	*3	1570	2090	*3	ug/Kg	☼	123	65 - 133
Benzo[b]fluoranthene	220	*3 F1	1570	2480	*3 F1	ug/Kg	☼	144	69 - 129
Benzo[g,h,i]perylene	78	*3 F1	1570	843	*3 F1	ug/Kg	☼	49	72 - 131
Benzo[k]fluoranthene	120	*3 F1	1570	2230	*3 F1	ug/Kg	☼	135	68 - 127
Chrysene	180		1570	2070		ug/Kg	☼	120	63 - 120
Dibenz(a,h)anthracene	23	J *3 F1	1570	875	*3 F1	ug/Kg	☼	54	64 - 131
Fluoranthene	300	F1 F2	1570	2390	F1	ug/Kg	☼	134	62 - 120
Fluorene	23	J	1570	1390		ug/Kg	☼	88	62 - 120
Indeno[1,2,3-cd]pyrene	71	*3 F1	1570	941	*3 F1	ug/Kg	☼	56	68 - 130
1-Methylnaphthalene	200		1570	1460		ug/Kg	☼	80	68 - 111
2-Methylnaphthalene	230		1570	1490		ug/Kg	☼	81	69 - 112
Naphthalene	170		1570	1480		ug/Kg	☼	83	63 - 110
Phenanthrene	310	F1 F2	1570	2360	F1	ug/Kg	☼	131	62 - 120
Pyrene	320	F1 F2	1570	2570	F1	ug/Kg	☼	144	61 - 128

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599716

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599606

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		43 - 145
Nitrobenzene-d5 (Surr)	75		37 - 147
Terphenyl-d14 (Surr)	94		42 - 157

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599716

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599606

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Acenaphthene	29	J	1580	1320		ug/Kg	☼	82	65 - 124	10	30	
Acenaphthylene	20	J	1580	1290		ug/Kg	☼	80	68 - 120	1	30	
Anthracene	69		1580	1350		ug/Kg	☼	81	70 - 114	10	30	
Benzo[a]anthracene	170		1580	1560		ug/Kg	☼	89	67 - 122	25	30	
Benzo[a]pyrene	180	*3	1580	1690	*3	ug/Kg	☼	96	65 - 133	21	30	
Benzo[b]fluoranthene	220	*3 F1	1580	1910	*3	ug/Kg	☼	107	69 - 129	26	30	
Benzo[g,h,i]perylene	78	*3 F1	1580	695	*3 F1	ug/Kg	☼	39	72 - 131	19	30	
Benzo[k]fluoranthene	120	*3 F1	1580	1990	*3	ug/Kg	☼	119	68 - 127	11	30	
Chrysene	180		1580	1580		ug/Kg	☼	89	63 - 120	27	30	
Dibenz(a,h)anthracene	23	J *3 F1	1580	824	*3 F1	ug/Kg	☼	51	64 - 131	6	30	
Fluoranthene	300	F1 F2	1580	1540	F2	ug/Kg	☼	79	62 - 120	44	30	
Fluorene	23	J	1580	1300		ug/Kg	☼	81	62 - 120	7	30	
Indeno[1,2,3-cd]pyrene	71	*3 F1	1580	787	*3 F1	ug/Kg	☼	45	68 - 130	18	30	
1-Methylnaphthalene	200		1580	1390		ug/Kg	☼	76	68 - 111	5	30	
2-Methylnaphthalene	230		1580	1410		ug/Kg	☼	75	69 - 112	6	30	
Naphthalene	170		1580	1300		ug/Kg	☼	71	63 - 110	13	30	
Phenanthrene	310	F1 F2	1580	1590	F2	ug/Kg	☼	81	62 - 120	39	30	
Pyrene	320	F1 F2	1580	1820	F2	ug/Kg	☼	96	61 - 128	34	30	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	79		43 - 145
Nitrobenzene-d5 (Surr)	76		37 - 147
Terphenyl-d14 (Surr)	99		42 - 157

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-599804/1-A
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599804

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
PCB-1016	<5.9		17	5.9	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1221	<7.3		17	7.3	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1232	<7.3		17	7.3	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1242	<5.5		17	5.5	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1248	<6.6		17	6.6	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1254	<3.6		17	3.6	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	
PCB-1260	<8.2		17	8.2	ug/Kg		05/19/21 16:04	05/20/21 00:33		1	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 500-599804/1-A
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599804

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	111		49 - 129	05/19/21 16:04	05/20/21 00:33	1
DCB Decachlorobiphenyl	86		37 - 121	05/19/21 16:04	05/20/21 00:33	1

Lab Sample ID: LCS 500-599804/3-A
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599804

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	167	162		ug/Kg		97	57 - 120
PCB-1260	167	148		ug/Kg		89	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	86		49 - 129
DCB Decachlorobiphenyl	73		37 - 121

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
PCB-1016	<6.8		192	155		ug/Kg	✱	81	57 - 120
PCB-1260	<9.5		192	130		ug/Kg	✱	68	61 - 125

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	75		49 - 129
DCB Decachlorobiphenyl	62		37 - 121

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599810

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
PCB-1016	<6.8		192	201		ug/Kg	✱	104	57 - 120	26	30
PCB-1260	<9.5		192	144		ug/Kg	✱	75	61 - 125	11	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	78		49 - 129
DCB Decachlorobiphenyl	63		37 - 121

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-488559/1-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488559

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		05/13/21 04:58	05/14/21 14:08	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 320-488559/1-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488559

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorotridecanoic acid (PFTTrDA)	<1.3		2.0	1.3	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorooctanesulfonic acid (PFOS)	0.649	J	2.0	0.54	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		05/13/21 04:58	05/14/21 14:08	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		05/13/21 04:58	05/14/21 14:08	1
NEtFOSA	<0.87		2.0	0.87	ng/L		05/13/21 04:58	05/14/21 14:08	1
NMeFOSA	<0.43		2.0	0.43	ng/L		05/13/21 04:58	05/14/21 14:08	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		05/13/21 04:58	05/14/21 14:08	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		05/13/21 04:58	05/14/21 14:08	1
NMeFOSE	<1.4		4.0	1.4	ng/L		05/13/21 04:58	05/14/21 14:08	1
NEtFOSE	<0.85		2.0	0.85	ng/L		05/13/21 04:58	05/14/21 14:08	1
4:2 FTS	<0.24		2.0	0.24	ng/L		05/13/21 04:58	05/14/21 14:08	1
6:2 FTS	<2.5		5.0	2.5	ng/L		05/13/21 04:58	05/14/21 14:08	1
8:2 FTS	<0.46		2.0	0.46	ng/L		05/13/21 04:58	05/14/21 14:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		05/13/21 04:58	05/14/21 14:08	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		05/13/21 04:58	05/14/21 14:08	1
9CI-PF3ONS	<0.24		2.0	0.24	ng/L		05/13/21 04:58	05/14/21 14:08	1
11CI-PF3OUdS	<0.32		2.0	0.32	ng/L		05/13/21 04:58	05/14/21 14:08	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	81		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C5 PFPeA	78		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 PFHxA	91		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C4 PFHpA	88		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C4 PFOA	96		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C5 PFNA	99		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 PFDA	95		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 PFUnA	100		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 PFDoA	96		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 PFTeDA	96		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C3 PFBS	77		25 - 150	05/13/21 04:58	05/14/21 14:08	1
18O2 PFHxS	82		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C4 PFOS	80		25 - 150	05/13/21 04:58	05/14/21 14:08	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 320-488559/1-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488559

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C8 FOSA	79		10 - 150	05/13/21 04:58	05/14/21 14:08	1
d3-NMeFOSAA	81		25 - 150	05/13/21 04:58	05/14/21 14:08	1
d5-NEtFOSAA	80		25 - 150	05/13/21 04:58	05/14/21 14:08	1
d-N-MeFOSA-M	72		10 - 150	05/13/21 04:58	05/14/21 14:08	1
d-N-EtFOSA-M	70		10 - 150	05/13/21 04:58	05/14/21 14:08	1
d7-N-MeFOSE-M	96		10 - 150	05/13/21 04:58	05/14/21 14:08	1
d9-N-EtFOSE-M	82		10 - 150	05/13/21 04:58	05/14/21 14:08	1
M2-4:2 FTS	76		25 - 150	05/13/21 04:58	05/14/21 14:08	1
M2-6:2 FTS	107		25 - 150	05/13/21 04:58	05/14/21 14:08	1
M2-8:2 FTS	97		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C3 HFPO-DA	84		25 - 150	05/13/21 04:58	05/14/21 14:08	1
13C2 10:2 FTS	95		25 - 150	05/13/21 04:58	05/14/21 14:08	1

Lab Sample ID: LCS 320-488559/2-A
Matrix: Water
Analysis Batch: 489830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	40.0	46.0		ng/L		115	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	45.3		ng/L		113	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	48.1		ng/L		120	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	48.8		ng/L		122	60 - 135
Perfluorononanoic acid (PFNA)	40.0	45.0		ng/L		112	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	44.6		ng/L		111	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	42.1		ng/L		105	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	45.5		ng/L		114	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	46.9		ng/L		117	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	44.2		ng/L		110	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	41.4		ng/L		117	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	46.3		ng/L		123	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	40.3		ng/L		111	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	47.9		ng/L		126	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	41.8		ng/L		113	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	39.8		ng/L		104	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	43.7		ng/L		113	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	46.4		ng/L		120	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	43.8		ng/L		109	60 - 135
NEtFOSA	40.0	48.8		ng/L		122	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 320-488559/2-A
Matrix: Water
Analysis Batch: 489830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
NMeFOSA	40.0	46.0		ng/L		115	60 - 135
NMeFOSAA	40.0	42.0		ng/L		105	60 - 135
NEtFOSAA	40.0	45.7		ng/L		114	60 - 135
NMeFOSE	40.0	46.4		ng/L		116	60 - 135
NEtFOSE	40.0	44.3		ng/L		111	60 - 135
4:2 FTS	37.4	40.9		ng/L		110	60 - 135
6:2 FTS	37.9	44.7		ng/L		118	60 - 135
8:2 FTS	38.3	43.8		ng/L		114	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	47.1		ng/L		125	60 - 135
HFPO-DA (GenX)	40.0	45.7		ng/L		114	60 - 135
9Cl-PF3ONS	37.3	44.1		ng/L		118	60 - 135
11Cl-PF3OUdS	37.7	44.0		ng/L		117	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	86		25 - 150
13C5 PFPeA	81		25 - 150
13C2 PFHxA	92		25 - 150
13C4 PFHpA	89		25 - 150
13C4 PFOA	92		25 - 150
13C5 PFNA	92		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	95		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	96		25 - 150
13C3 PFBS	77		25 - 150
18O2 PFHxS	85		25 - 150
13C4 PFOS	79		25 - 150
13C8 FOSA	83		10 - 150
d3-NMeFOSAA	77		25 - 150
d5-NEtFOSAA	75		25 - 150
d-N-MeFOSA-M	63		10 - 150
d-N-EtFOSA-M	64		10 - 150
d7-N-MeFOSE-M	88		10 - 150
d9-N-EtFOSE-M	87		10 - 150
M2-4:2 FTS	78		25 - 150
M2-6:2 FTS	112		25 - 150
M2-8:2 FTS	101		25 - 150
13C3 HFPO-DA	81		25 - 150
13C2 10:2 FTS	85		25 - 150

Lab Sample ID: LCSD 320-488559/3-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	45.3		ng/L		113	60 - 135	2	30
Perfluoropentanoic acid (PFPeA)	40.0	44.3		ng/L		111	60 - 135	4	30
Perfluorohexanoic acid (PFHxA)	40.0	46.6		ng/L		117	60 - 135	3	30

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCSD 320-488559/3-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoroheptanoic acid (PFHpA)	40.0	48.7		ng/L		122	60 - 135	1	30
Perfluorooctanoic acid (PFOA)	40.0	46.4		ng/L		116	60 - 135	5	30
Perfluorononanoic acid (PFNA)	40.0	47.5		ng/L		119	60 - 135	6	30
Perfluorodecanoic acid (PFDA)	40.0	40.4		ng/L		101	60 - 135	10	30
Perfluoroundecanoic acid (PFUnA)	40.0	44.3		ng/L		111	60 - 135	5	30
Perfluorododecanoic acid (PFDoA)	40.0	43.6		ng/L		109	60 - 135	4	30
Perfluorotridecanoic acid (PFTrDA)	40.0	44.1		ng/L		110	60 - 135	6	30
Perfluorotetradecanoic acid (PFTeA)	40.0	41.0		ng/L		103	60 - 135	7	30
Perfluorobutanesulfonic acid (PFBS)	35.4	40.9		ng/L		116	60 - 135	1	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	49.0		ng/L		130	60 - 135	6	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	39.0		ng/L		107	60 - 135	3	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	43.6		ng/L		115	60 - 135	9	30
Perfluorooctanesulfonic acid (PFOS)	37.1	40.5		ng/L		109	60 - 135	23	30
Perfluorononanesulfonic acid (PFNS)	38.4	41.1		ng/L		107	60 - 135	3	30
Perfluorodecanesulfonic acid (PFDS)	38.6	41.7		ng/L		108	60 - 135	5	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	40.4		ng/L		104	60 - 135	14	30
Perfluorooctanesulfonamide (FOSA)	40.0	42.8		ng/L		107	60 - 135	2	30
NEtFOSA	40.0	49.4		ng/L		123	60 - 135	1	30
NMeFOSA	40.0	46.9		ng/L		117	60 - 135	2	30
NMeFOSAA	40.0	42.5		ng/L		106	60 - 135	1	30
NEtFOSAA	40.0	46.4		ng/L		116	60 - 135	2	30
NMeFOSE	40.0	42.5		ng/L		106	60 - 135	9	30
NEtFOSE	40.0	41.5		ng/L		104	60 - 135	7	30
4:2 FTS	37.4	42.2		ng/L		113	60 - 135	3	30
6:2 FTS	37.9	48.3		ng/L		127	60 - 135	8	30
8:2 FTS	38.3	42.7		ng/L		112	60 - 135	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	45.7		ng/L		121	60 - 135	3	30
HFPO-DA (GenX)	40.0	44.5		ng/L		111	60 - 135	3	30
9Cl-PF3ONS	37.3	44.7		ng/L		120	60 - 135	1	30
11Cl-PF3OUdS	37.7	44.3		ng/L		118	60 - 135	1	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C4 PFBA	79		25 - 150
13C5 PFPeA	80		25 - 150
13C2 PFHxA	89		25 - 150
13C4 PFHpA	89		25 - 150
13C4 PFOA	94		25 - 150
13C5 PFNA	86		25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCSD 320-488559/3-A
Matrix: Water
Analysis Batch: 489079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488559

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
13C2 PFDA	99		25 - 150
13C2 PFUnA	92		25 - 150
13C2 PFDoA	94		25 - 150
13C2 PFTeDA	89		25 - 150
13C3 PFBS	78		25 - 150
18O2 PFHxS	81		25 - 150
13C4 PFOS	79		25 - 150
13C8 FOSA	79		10 - 150
d3-NMeFOSAA	77		25 - 150
d5-NEtFOSAA	67		25 - 150
d-N-MeFOSA-M	66		10 - 150
d-N-EtFOSA-M	65		10 - 150
d7-N-MeFOSE-M	92		10 - 150
d9-N-EtFOSE-M	89		10 - 150
M2-4:2 FTS	78		25 - 150
M2-6:2 FTS	96		25 - 150
M2-8:2 FTS	86		25 - 150
13C3 HFPO-DA	83		25 - 150
13C2 10:2 FTS	82		25 - 150

Lab Sample ID: MB 320-489288/1-A
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489288

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorotridecanoic acid (PFTrDA)	<0.051		0.20	0.051	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		05/15/21 07:35	05/16/21 14:29	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 320-489288/1-A
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSAA	<0.39		2.0	0.39	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018		0.20	0.018	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
9Cl-PF3ONS	<0.027		0.20	0.027	ug/Kg		05/15/21 07:35	05/16/21 14:29	1
11Cl-PF3OUdS	<0.022		0.20	0.022	ug/Kg		05/15/21 07:35	05/16/21 14:29	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	79		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C5 PFPeA	76		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 PFHxA	79		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C4 PFHpA	82		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C4 PFOA	85		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C5 PFNA	89		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 PFDA	77		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 PFUnA	86		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 PFDoA	83		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 PFTeDA	86		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C3 PFBS	72		25 - 150	05/15/21 07:35	05/16/21 14:29	1
18O2 PFHxS	70		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C4 PFOS	73		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C8 FOSA	76		10 - 150	05/15/21 07:35	05/16/21 14:29	1
d3-NMeFOSAA	69		25 - 150	05/15/21 07:35	05/16/21 14:29	1
d5-NEtFOSAA	67		25 - 150	05/15/21 07:35	05/16/21 14:29	1
d-N-MeFOSA-M	65		10 - 150	05/15/21 07:35	05/16/21 14:29	1
d-N-EtFOSA-M	55		10 - 150	05/15/21 07:35	05/16/21 14:29	1
d7-N-MeFOSE-M	74		10 - 150	05/15/21 07:35	05/16/21 14:29	1
d9-N-EtFOSE-M	67		10 - 150	05/15/21 07:35	05/16/21 14:29	1
M2-4:2 FTS	71		25 - 150	05/15/21 07:35	05/16/21 14:29	1
M2-6:2 FTS	97		25 - 150	05/15/21 07:35	05/16/21 14:29	1
M2-8:2 FTS	85		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C3 HFPO-DA	74		25 - 150	05/15/21 07:35	05/16/21 14:29	1
13C2 10:2 FTS	75		25 - 150	05/15/21 07:35	05/16/21 14:29	1

Lab Sample ID: LCS 320-489288/2-A
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	2.00	1.97		ug/Kg		98	60 - 135
Perfluoropentanoic acid (PFPeA)	2.00	2.32		ug/Kg		116	60 - 135
Perfluorohexanoic acid (PFHxA)	2.00	2.04		ug/Kg		102	60 - 135
Perfluoroheptanoic acid (PFHpA)	2.00	2.31		ug/Kg		115	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 320-489288/2-A
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	2.00	2.09		ug/Kg		105	60 - 135
Perfluorononanoic acid (PFNA)	2.00	2.17		ug/Kg		109	60 - 135
Perfluorodecanoic acid (PFDA)	2.00	2.22		ug/Kg		111	60 - 135
Perfluoroundecanoic acid (PFUnA)	2.00	2.16		ug/Kg		108	60 - 135
Perfluorododecanoic acid (PFDoA)	2.00	2.08		ug/Kg		104	60 - 135
Perfluorotridecanoic acid (PFTrDA)	2.00	2.06		ug/Kg		103	60 - 135
Perfluorotetradecanoic acid (PFTeA)	2.00	2.19		ug/Kg		109	60 - 135
Perfluorobutanesulfonic acid (PFBS)	1.77	1.87		ug/Kg		106	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.84		ug/Kg		98	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.86		ug/Kg		102	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	2.06		ug/Kg		108	60 - 135
Perfluorooctanesulfonic acid (PFOS)	1.86	2.00		ug/Kg		108	60 - 135
Perfluorononanesulfonic acid (PFNS)	1.92	1.92		ug/Kg		100	60 - 135
Perfluorodecanesulfonic acid (PFDS)	1.93	1.70		ug/Kg		88	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.79		ug/Kg		93	60 - 135
Perfluorooctanesulfonamide (FOSA)	2.00	2.15		ug/Kg		108	60 - 135
NEtFOSA	2.00	2.16		ug/Kg		108	60 - 135
NMeFOSA	2.00	2.04		ug/Kg		102	60 - 135
NMeFOSAA	2.00	1.97	J	ug/Kg		99	60 - 135
NEtFOSAA	2.00	2.53		ug/Kg		127	60 - 135
NMeFOSE	2.00	2.25		ug/Kg		113	60 - 135
NEtFOSE	2.00	2.25		ug/Kg		112	60 - 135
4:2 FTS	1.87	1.93	J	ug/Kg		103	60 - 135
6:2 FTS	1.90	2.22		ug/Kg		117	60 - 135
8:2 FTS	1.92	2.25		ug/Kg		118	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	2.65	*+	ug/Kg		141	60 - 135
HFPO-DA (GenX)	2.00	2.08		ug/Kg		104	60 - 135
9Cl-PF3ONS	1.86	1.95		ug/Kg		105	60 - 135
11Cl-PF3OUdS	1.88	1.91		ug/Kg		102	60 - 135

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	78		25 - 150
13C5 PFPeA	73		25 - 150
13C2 PFHxA	84		25 - 150
13C4 PFHpA	87		25 - 150
13C4 PFOA	88		25 - 150
13C5 PFNA	83		25 - 150
13C2 PFDA	87		25 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 320-489288/2-A
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489288

<i>Isotope Dilution</i>	<i>LCS</i>	<i>LCS</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C2 PFUnA	87		25 - 150
13C2 PFDoA	85		25 - 150
13C2 PFTeDA	77		25 - 150
13C3 PFBS	76		25 - 150
18O2 PFHxS	72		25 - 150
13C4 PFOS	65		25 - 150
13C8 FOSA	80		10 - 150
d3-NMeFOSAA	78		25 - 150
d5-NEtFOSAA	67		25 - 150
d-N-MeFOSA-M	65		10 - 150
d-N-EtFOSA-M	66		10 - 150
d7-N-MeFOSE-M	79		10 - 150
d9-N-EtFOSE-M	68		10 - 150
M2-4:2 FTS	79		25 - 150
M2-6:2 FTS	95		25 - 150
M2-8:2 FTS	81		25 - 150
13C3 HFPO-DA	79		25 - 150
13C2 10:2 FTS	76		25 - 150

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 489288

<i>Analyte</i>	<i>Sample</i>	<i>Sample</i>	<i>Spike</i>	<i>MS</i>	<i>MS</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>
	<i>Result</i>	<i>Qualifier</i>	<i>Added</i>	<i>Result</i>	<i>Qualifier</i>				
Perfluorobutanoic acid (PFBA)	0.045	J	2.17	2.31		ug/Kg	✱	105	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.086		2.17	2.41		ug/Kg	✱	111	70 - 130
Perfluorohexanoic acid (PFHxA)	0.065	J	2.17	2.38		ug/Kg	✱	107	70 - 130
Perfluoroheptanoic acid (PFHpA)	0.17	J	2.17	2.65		ug/Kg	✱	114	70 - 130
Perfluorooctanoic acid (PFOA)	3.5	F1	2.17	6.77	F1	ug/Kg	✱	150	70 - 130
Perfluorononanoic acid (PFNA)	<0.040		2.17	2.41		ug/Kg	✱	111	70 - 130
Perfluorodecanoic acid (PFDA)	0.14	J	2.17	2.44		ug/Kg	✱	106	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.040		2.17	2.17		ug/Kg	✱	100	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.075		2.17	2.31		ug/Kg	✱	106	70 - 130
Perfluorotridecanoic acid (PFTTrDA)	<0.057		2.17	2.15		ug/Kg	✱	99	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.17	2.17		ug/Kg	✱	100	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.028		1.92	2.03		ug/Kg	✱	106	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.022		2.03	2.24		ug/Kg	✱	110	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.035		1.97	2.00		ug/Kg	✱	101	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		2.06	1.98		ug/Kg	✱	96	70 - 130
Perfluorooctanesulfonic acid (PFOS)	0.34	J	2.01	2.40		ug/Kg	✱	102	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.022		2.08	2.11		ug/Kg	✱	101	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MS

Matrix: Solid

Analysis Batch: 489560

Client Sample ID: SB-210 (1-3)

Prep Type: Total/NA

Prep Batch: 489288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorodecanesulfonic acid (PFDS)	<0.044		2.09	2.07		ug/Kg	☼	99	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.067		2.10	2.05		ug/Kg	☼	98	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.092		2.17	2.38		ug/Kg	☼	110	70 - 130
NEtFOSA	<0.027		2.17	2.32		ug/Kg	☼	107	70 - 130
NMeFOSA	<0.046		2.17	2.21		ug/Kg	☼	102	70 - 130
NMeFOSAA	<0.44		2.17	2.08	J	ug/Kg	☼	96	70 - 130
NEtFOSAA	<0.41		2.17	2.51		ug/Kg	☼	116	70 - 130
NMeFOSE	<0.080		2.17	2.29		ug/Kg	☼	105	70 - 130
NEtFOSE	<0.040		2.17	2.26		ug/Kg	☼	104	70 - 130
4:2 FTS	<0.41		2.03	2.14	J	ug/Kg	☼	106	70 - 130
6:2 FTS	<0.17		2.06	2.42		ug/Kg	☼	118	70 - 130
8:2 FTS	<0.28		2.08	2.47		ug/Kg	☼	119	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	*+ F1	2.04	3.14	F1	ug/Kg	☼	154	70 - 130
HFPO-DA (GenX)	<0.12		2.17	2.38		ug/Kg	☼	110	70 - 130
9Cl-PF3ONS	<0.030		2.02	2.22		ug/Kg	☼	110	70 - 130
11Cl-PF3OUdS	<0.025		2.04	2.36		ug/Kg	☼	115	70 - 130
MS MS									
Isotope Dilution	%Recovery	Qualifier	Limits						
13C4 PFBA	69		25 - 150						
13C5 PFPeA	72		25 - 150						
13C2 PFHxA	73		25 - 150						
13C4 PFHpA	75		25 - 150						
13C4 PFOA	76		25 - 150						
13C5 PFNA	75		25 - 150						
13C2 PFDA	72		25 - 150						
13C2 PFUnA	74		25 - 150						
13C2 PFDoA	77		25 - 150						
13C2 PFTeDA	76		25 - 150						
13C3 PFBS	56		25 - 150						
18O2 PFHxS	57		25 - 150						
13C4 PFOS	53		25 - 150						
13C8 FOSA	58		10 - 150						
d3-NMeFOSAA	70		25 - 150						
d5-NEtFOSAA	61		25 - 150						
d-N-MeFOSA-M	47		10 - 150						
d-N-EtFOSA-M	49		10 - 150						
d7-N-MeFOSE-M	75		10 - 150						
d9-N-EtFOSE-M	67		10 - 150						
M2-4:2 FTS	74		25 - 150						
M2-6:2 FTS	81		25 - 150						
M2-8:2 FTS	66		25 - 150						
13C3 HFPO-DA	71		25 - 150						
13C2 10:2 FTS	61		25 - 150						

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MSD

Matrix: Solid

Analysis Batch: 489560

Client Sample ID: SB-210 (1-3)

Prep Type: Total/NA

Prep Batch: 489288

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Perfluorobutanoic acid (PFBA)	0.045	J	2.14	2.17		ug/Kg	☼	99	70 - 130	7	30
Perfluoropentanoic acid (PFPeA)	<0.086		2.14	2.26		ug/Kg	☼	106	70 - 130	6	30
Perfluorohexanoic acid (PFHxA)	0.065	J	2.14	2.30		ug/Kg	☼	105	70 - 130	3	30
Perfluoroheptanoic acid (PFHpA)	0.17	J	2.14	2.51		ug/Kg	☼	109	70 - 130	5	30
Perfluorooctanoic acid (PFOA)	3.5	F1	2.14	5.33		ug/Kg	☼	85	70 - 130	24	30
Perfluorononanoic acid (PFNA)	<0.040		2.14	2.26		ug/Kg	☼	106	70 - 130	6	30
Perfluorodecanoic acid (PFDA)	0.14	J	2.14	2.30		ug/Kg	☼	101	70 - 130	6	30
Perfluoroundecanoic acid (PFUnA)	<0.040		2.14	2.15		ug/Kg	☼	101	70 - 130	1	30
Perfluorododecanoic acid (PFDoA)	<0.075		2.14	2.07		ug/Kg	☼	97	70 - 130	11	30
Perfluorotridecanoic acid (PFTTrDA)	<0.057		2.14	2.04		ug/Kg	☼	95	70 - 130	5	30
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.14	2.29		ug/Kg	☼	107	70 - 130	5	30
Perfluorobutanesulfonic acid (PFBS)	<0.028		1.89	1.87		ug/Kg	☼	99	70 - 130	8	30
Perfluoropentanesulfonic acid (PFPeS)	<0.022		2.01	1.93		ug/Kg	☼	96	70 - 130	15	30
Perfluorohexanesulfonic acid (PFHxS)	<0.035		1.95	1.92		ug/Kg	☼	99	70 - 130	4	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		2.04	2.14		ug/Kg	☼	105	70 - 130	8	30
Perfluorooctanesulfonic acid (PFOS)	0.34	J	1.98	2.42		ug/Kg	☼	105	70 - 130	1	30
Perfluorononanesulfonic acid (PFNS)	<0.022		2.05	2.06		ug/Kg	☼	100	70 - 130	2	30
Perfluorodecanesulfonic acid (PFDS)	<0.044		2.06	2.11		ug/Kg	☼	102	70 - 130	2	30
Perfluorododecanesulfonic acid (PFDoS)	<0.067		2.07	1.94		ug/Kg	☼	94	70 - 130	5	30
Perfluorooctanesulfonamide (FOSA)	<0.092		2.14	2.28		ug/Kg	☼	107	70 - 130	4	30
NEtFOSA	<0.027		2.14	2.53		ug/Kg	☼	118	70 - 130	9	30
NMeFOSA	<0.046		2.14	2.09		ug/Kg	☼	98	70 - 130	6	30
NMeFOSAA	<0.44		2.14	2.13		ug/Kg	☼	100	70 - 130	3	30
NEtFOSAA	<0.41		2.14	2.55		ug/Kg	☼	119	70 - 130	2	30
NMeFOSE	<0.080		2.14	2.25		ug/Kg	☼	105	70 - 130	2	30
NEtFOSE	<0.040		2.14	2.54		ug/Kg	☼	119	70 - 130	11	30
4:2 FTS	<0.41		2.00	2.27		ug/Kg	☼	114	70 - 130	6	30
6:2 FTS	<0.17		2.03	2.31		ug/Kg	☼	114	70 - 130	5	30
8:2 FTS	<0.28		2.05	2.48		ug/Kg	☼	121	70 - 130	0	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020	*+ F1	2.01	3.12	F1	ug/Kg	☼	155	70 - 130	1	30
HFPO-DA (GenX)	<0.12		2.14	2.29		ug/Kg	☼	107	70 - 130	4	30
9CI-PF3ONS	<0.030		1.99	2.23		ug/Kg	☼	112	70 - 130	0	30
11CI-PF3OUdS	<0.025		2.01	2.16		ug/Kg	☼	107	70 - 130	9	30
	MSD MSD										
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	78		25 - 150								
13C5 PFPeA	81		25 - 150								
13C2 PFHxA	81		25 - 150								

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 489560

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 489288

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
13C4 PFHpA	87		25 - 150
13C4 PFOA	80		25 - 150
13C5 PFNA	91		25 - 150
13C2 PFDA	88		25 - 150
13C2 PFUnA	90		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	75		25 - 150
13C3 PFBS	70		25 - 150
18O2 PFHxS	67		25 - 150
13C4 PFOS	57		25 - 150
13C8 FOSA	70		10 - 150
d3-NMeFOSAA	79		25 - 150
d5-NEtFOSAA	73		25 - 150
d-N-MeFOSA-M	66		10 - 150
d-N-EtFOSA-M	60		10 - 150
d7-N-MeFOSE-M	79		10 - 150
d9-N-EtFOSE-M	66		10 - 150
M2-4:2 FTS	106		25 - 150
M2-6:2 FTS	122		25 - 150
M2-8:2 FTS	111		25 - 150
13C3 HFPO-DA	77		25 - 150
13C2 10:2 FTS	85		25 - 150

Lab Sample ID: MB 320-489610/1-A
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489610

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorotridecanoic acid (PFTTrDA)	<0.051		0.20	0.051	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		05/16/21 19:45	05/17/21 15:07	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: MB 320-489610/1-A
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489610

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NMeFOSAA	<0.39		2.0	0.39	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NEtFOSAA	<0.37		2.0	0.37	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.018		0.20	0.018	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
9Cl-PF3ONS	<0.027		0.20	0.027	ug/Kg		05/16/21 19:45	05/17/21 15:07	1
11Cl-PF3OUdS	<0.022		0.20	0.022	ug/Kg		05/16/21 19:45	05/17/21 15:07	1

Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	69		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C5 PFPeA	67		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 PFHxA	74		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C4 PFHpA	80		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C4 PFOA	77		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C5 PFNA	79		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 PFDA	74		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 PFUnA	73		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 PFDoA	89		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 PFTeDA	75		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C3 PFBS	59		25 - 150	05/16/21 19:45	05/17/21 15:07	1
18O2 PFHxS	64		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C4 PFOS	61		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C8 FOSA	70		10 - 150	05/16/21 19:45	05/17/21 15:07	1
d3-NMeFOSAA	71		25 - 150	05/16/21 19:45	05/17/21 15:07	1
d5-NEtFOSAA	67		25 - 150	05/16/21 19:45	05/17/21 15:07	1
d-N-MeFOSA-M	61		10 - 150	05/16/21 19:45	05/17/21 15:07	1
d-N-EtFOSA-M	62		10 - 150	05/16/21 19:45	05/17/21 15:07	1
d7-N-MeFOSE-M	83		10 - 150	05/16/21 19:45	05/17/21 15:07	1
d9-N-EtFOSE-M	70		10 - 150	05/16/21 19:45	05/17/21 15:07	1
M2-4:2 FTS	62		25 - 150	05/16/21 19:45	05/17/21 15:07	1
M2-6:2 FTS	85		25 - 150	05/16/21 19:45	05/17/21 15:07	1
M2-8:2 FTS	91		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C3 HFPO-DA	64		25 - 150	05/16/21 19:45	05/17/21 15:07	1
13C2 10:2 FTS	84		25 - 150	05/16/21 19:45	05/17/21 15:07	1

Lab Sample ID: LCS 320-489610/2-A
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Perfluorobutanoic acid (PFBA)	2.00	1.95		ug/Kg		97	60 - 135

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 320-489610/2-A
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	2.00	2.10		ug/Kg		105	60 - 135
Perfluorohexanoic acid (PFHxA)	2.00	1.82		ug/Kg		91	60 - 135
Perfluoroheptanoic acid (PFHpA)	2.00	2.21		ug/Kg		110	60 - 135
Perfluorooctanoic acid (PFOA)	2.00	1.94		ug/Kg		97	60 - 135
Perfluorononanoic acid (PFNA)	2.00	1.93		ug/Kg		97	60 - 135
Perfluorodecanoic acid (PFDA)	2.00	2.05		ug/Kg		103	60 - 135
Perfluoroundecanoic acid (PFUnA)	2.00	2.05		ug/Kg		103	60 - 135
Perfluorododecanoic acid (PFDoA)	2.00	1.95		ug/Kg		97	60 - 135
Perfluorotridecanoic acid (PFTrDA)	2.00	1.75		ug/Kg		88	60 - 135
Perfluorotetradecanoic acid (PFTeA)	2.00	2.12		ug/Kg		106	60 - 135
Perfluorobutanesulfonic acid (PFBS)	1.77	1.73		ug/Kg		98	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.95		ug/Kg		104	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.68		ug/Kg		92	60 - 135
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	1.89		ug/Kg		99	60 - 135
Perfluorooctanesulfonic acid (PFOS)	1.86	1.77		ug/Kg		96	60 - 135
Perfluorononanesulfonic acid (PFNS)	1.92	1.71		ug/Kg		89	60 - 135
Perfluorodecanesulfonic acid (PFDS)	1.93	1.68		ug/Kg		87	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.60		ug/Kg		83	60 - 135
Perfluorooctanesulfonamide (FOSA)	2.00	2.13		ug/Kg		107	60 - 135
NEtFOSA	2.00	2.06		ug/Kg		103	60 - 135
NMeFOSA	2.00	2.12		ug/Kg		106	60 - 135
NMeFOSAA	2.00	1.91	J	ug/Kg		95	60 - 135
NEtFOSAA	2.00	2.10		ug/Kg		105	60 - 135
NMeFOSE	2.00	2.06		ug/Kg		103	60 - 135
NEtFOSE	2.00	1.91		ug/Kg		95	60 - 135
4:2 FTS	1.87	1.83	J	ug/Kg		98	60 - 135
6:2 FTS	1.90	1.91	J	ug/Kg		101	60 - 135
8:2 FTS	1.92	2.00		ug/Kg		104	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	1.95		ug/Kg		103	60 - 135
HFPO-DA (GenX)	2.00	1.97		ug/Kg		99	60 - 135
9Cl-PF3ONS	1.86	1.71		ug/Kg		92	60 - 135
11Cl-PF3OUdS	1.88	1.71		ug/Kg		91	60 - 135
		LCS LCS					
Isotope Dilution		%Recovery	Qualifier				Limits
13C4 PFBA		63					25 - 150
13C5 PFPeA		65					25 - 150
13C2 PFHxA		69					25 - 150
13C4 PFHpA		69					25 - 150

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: LCS 320-489610/2-A
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489610

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
13C4 PFOA	75		25 - 150
13C5 PFNA	82		25 - 150
13C2 PFDA	67		25 - 150
13C2 PFUnA	67		25 - 150
13C2 PFDoA	77		25 - 150
13C2 PFTeDA	70		25 - 150
13C3 PFBS	57		25 - 150
18O2 PFHxS	68		25 - 150
13C4 PFOS	64		25 - 150
13C8 FOSA	65		10 - 150
d3-NMeFOSAA	65		25 - 150
d5-NEtFOSAA	61		25 - 150
d-N-MeFOSA-M	53		10 - 150
d-N-EtFOSA-M	59		10 - 150
d7-N-MeFOSE-M	66		10 - 150
d9-N-EtFOSE-M	69		10 - 150
M2-4:2 FTS	65		25 - 150
M2-6:2 FTS	86		25 - 150
M2-8:2 FTS	80		25 - 150
13C3 HFPO-DA	68		25 - 150
13C2 10:2 FTS	72		25 - 150

Lab Sample ID: 500-198861-5 MS
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: SB-215 (2-3)
Prep Type: Total/NA
Prep Batch: 489610

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<0.032		2.07	2.07		ug/Kg	⊛	100	70 - 130
Perfluoropentanoic acid (PFPeA)	<0.087		2.07	2.12		ug/Kg	⊛	102	70 - 130
Perfluorohexanoic acid (PFHxA)	<0.048		2.07	1.95		ug/Kg	⊛	94	70 - 130
Perfluoroheptanoic acid (PFHpA)	<0.033		2.07	2.22		ug/Kg	⊛	107	70 - 130
Perfluorooctanoic acid (PFOA)	0.44		2.07	2.48		ug/Kg	⊛	99	70 - 130
Perfluorononanoic acid (PFNA)	<0.041		2.07	2.27		ug/Kg	⊛	110	70 - 130
Perfluorodecanoic acid (PFDA)	<0.025		2.07	2.29		ug/Kg	⊛	111	70 - 130
Perfluoroundecanoic acid (PFUnA)	<0.041		2.07	1.95		ug/Kg	⊛	94	70 - 130
Perfluorododecanoic acid (PFDoA)	<0.076		2.07	2.01		ug/Kg	⊛	97	70 - 130
Perfluorotridecanoic acid (PFTTrDA)	<0.058		2.07	1.74		ug/Kg	⊛	84	70 - 130
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.07	1.92		ug/Kg	⊛	93	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.028		1.83	1.85		ug/Kg	⊛	101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	<0.023		1.94	2.10		ug/Kg	⊛	108	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<0.035		1.88	1.68		ug/Kg	⊛	89	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		1.97	2.04		ug/Kg	⊛	104	70 - 130

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-5 MS

Matrix: Solid

Analysis Batch: 489843

Client Sample ID: SB-215 (2-3)

Prep Type: Total/NA

Prep Batch: 489610

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanesulfonic acid (PFOS)	<0.23		1.92	1.92		ug/Kg	☼	100	70 - 130
Perfluorononanesulfonic acid (PFNS)	<0.023		1.99	1.89		ug/Kg	☼	95	70 - 130
Perfluorodecanesulfonic acid (PFDS)	<0.044		1.99	1.94		ug/Kg	☼	98	70 - 130
Perfluorododecanesulfonic acid (PFDoS)	<0.068		2.00	1.98		ug/Kg	☼	99	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.093		2.07	2.12		ug/Kg	☼	102	70 - 130
NEtFOSA	<0.027		2.07	2.16		ug/Kg	☼	105	70 - 130
NMeFOSA	<0.047		2.07	1.99		ug/Kg	☼	96	70 - 130
NMeFOSAA	<0.44		2.07	1.96	J	ug/Kg	☼	95	70 - 130
NEtFOSAA	<0.42		2.07	2.28		ug/Kg	☼	110	70 - 130
NMeFOSE	<0.081		2.07	1.92		ug/Kg	☼	93	70 - 130
NEtFOSE	<0.041		2.07	2.10		ug/Kg	☼	102	70 - 130
4:2 FTS	<0.42		1.93	2.14		ug/Kg	☼	111	70 - 130
6:2 FTS	<0.17		1.96	2.16		ug/Kg	☼	110	70 - 130
8:2 FTS	<0.28		1.98	2.14		ug/Kg	☼	108	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		1.95	2.14		ug/Kg	☼	110	70 - 130
HFPO-DA (GenX)	<0.12		2.07	2.02		ug/Kg	☼	98	70 - 130
9Cl-PF3ONS	<0.031		1.93	1.80		ug/Kg	☼	93	70 - 130
11Cl-PF3OUdS	<0.025		1.95	1.94		ug/Kg	☼	100	70 - 130

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C4 PFBA	56		25 - 150
13C5 PFPeA	63		25 - 150
13C2 PFHxA	75		25 - 150
13C4 PFHpA	74		25 - 150
13C4 PFOA	83		25 - 150
13C5 PFNA	81		25 - 150
13C2 PFDA	76		25 - 150
13C2 PFUnA	82		25 - 150
13C2 PFDoA	84		25 - 150
13C2 PFTeDA	84		25 - 150
13C3 PFBS	64		25 - 150
18O2 PFHxS	70		25 - 150
13C4 PFOS	66		25 - 150
13C8 FOSA	69		10 - 150
d3-NMeFOSAA	72		25 - 150
d5-NEtFOSAA	66		25 - 150
d-N-MeFOSA-M	61		10 - 150
d-N-EtFOSA-M	62		10 - 150
d7-N-MeFOSE-M	71		10 - 150
d9-N-EtFOSE-M	68		10 - 150
M2-4:2 FTS	145		25 - 150
M2-6:2 FTS	178	*5+	25 - 150
M2-8:2 FTS	128		25 - 150
13C3 HFPO-DA	69		25 - 150

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-5 MS
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: SB-215 (2-3)
Prep Type: Total/NA
Prep Batch: 489610

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
13C2 10:2 FTS	97		25 - 150

Lab Sample ID: 500-198861-5 MSD
Matrix: Solid
Analysis Batch: 489843

Client Sample ID: SB-215 (2-3)
Prep Type: Total/NA
Prep Batch: 489610

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Perfluorobutanoic acid (PFBA)	<0.032		2.24	2.17		ug/Kg	⊛	97	70 - 130	5	30	
Perfluoropentanoic acid (PFPeA)	<0.087		2.24	2.17		ug/Kg	⊛	97	70 - 130	3	30	
Perfluorohexanoic acid (PFHxA)	<0.048		2.24	2.26		ug/Kg	⊛	101	70 - 130	15	30	
Perfluoroheptanoic acid (PFHpA)	<0.033		2.24	2.20		ug/Kg	⊛	99	70 - 130	1	30	
Perfluorooctanoic acid (PFOA)	0.44		2.24	2.85		ug/Kg	⊛	108	70 - 130	14	30	
Perfluorononanoic acid (PFNA)	<0.041		2.24	2.06		ug/Kg	⊛	92	70 - 130	10	30	
Perfluorodecanoic acid (PFDA)	<0.025		2.24	2.32		ug/Kg	⊛	104	70 - 130	2	30	
Perfluoroundecanoic acid (PFUnA)	<0.041		2.24	2.10		ug/Kg	⊛	94	70 - 130	8	30	
Perfluorododecanoic acid (PFDoA)	<0.076		2.24	2.09		ug/Kg	⊛	94	70 - 130	4	30	
Perfluorotridecanoic acid (PFTrDA)	<0.058		2.24	1.92		ug/Kg	⊛	86	70 - 130	10	30	
Perfluorotetradecanoic acid (PFTeA)	<0.061		2.24	2.13		ug/Kg	⊛	95	70 - 130	10	30	
Perfluorobutanesulfonic acid (PFBS)	<0.028		1.98	2.01		ug/Kg	⊛	102	70 - 130	8	30	
Perfluoropentanesulfonic acid (PFPeS)	<0.023		2.10	2.04		ug/Kg	⊛	97	70 - 130	3	30	
Perfluorohexanesulfonic acid (PFHxS)	<0.035		2.03	1.97		ug/Kg	⊛	97	70 - 130	16	30	
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		2.13	2.08		ug/Kg	⊛	98	70 - 130	2	30	
Perfluorooctanesulfonic acid (PFOS)	<0.23		2.07	2.08		ug/Kg	⊛	100	70 - 130	8	30	
Perfluorononanesulfonic acid (PFNS)	<0.023		2.15	2.01		ug/Kg	⊛	94	70 - 130	6	30	
Perfluorodecanesulfonic acid (PFDS)	<0.044		2.16	2.01		ug/Kg	⊛	93	70 - 130	3	30	
Perfluorododecanesulfonic acid (PFDoS)	<0.068		2.16	2.08		ug/Kg	⊛	96	70 - 130	5	30	
Perfluorooctanesulfonamide (FOSA)	<0.093		2.24	2.16		ug/Kg	⊛	97	70 - 130	2	30	
NEtFOSA	<0.027		2.24	2.22		ug/Kg	⊛	99	70 - 130	3	30	
NMeFOSA	<0.047		2.24	2.21		ug/Kg	⊛	99	70 - 130	11	30	
NMeFOSAA	<0.44		2.24	2.04 J		ug/Kg	⊛	91	70 - 130	4	30	
NEtFOSAA	<0.42		2.24	2.51		ug/Kg	⊛	112	70 - 130	10	30	
NMeFOSE	<0.081		2.24	2.21		ug/Kg	⊛	99	70 - 130	14	30	
NEtFOSE	<0.041		2.24	2.15		ug/Kg	⊛	96	70 - 130	2	30	
4:2 FTS	<0.42		2.09	2.21		ug/Kg	⊛	106	70 - 130	3	30	
6:2 FTS	<0.17		2.12	2.22		ug/Kg	⊛	105	70 - 130	2	30	
8:2 FTS	<0.28		2.14	2.19 J		ug/Kg	⊛	102	70 - 130	2	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.020		2.11	2.35		ug/Kg	⊛	111	70 - 130	9	30	
HFPO-DA (GenX)	<0.12		2.24	2.20		ug/Kg	⊛	99	70 - 130	9	30	

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Lab Sample ID: 500-198861-5 MSD

Matrix: Solid

Analysis Batch: 489843

Client Sample ID: SB-215 (2-3)

Prep Type: Total/NA

Prep Batch: 489610

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
9CI-PF3ONS	<0.031		2.08	2.09		ug/Kg	⊛	100	70 - 130	15	30
11CI-PF3OUdS	<0.025		2.11	2.07		ug/Kg	⊛	98	70 - 130	6	30
MSD MSD											
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	55		25 - 150								
13C5 PFPeA	68		25 - 150								
13C2 PFHxA	76		25 - 150								
13C4 PFHpA	83		25 - 150								
13C4 PFOA	77		25 - 150								
13C5 PFNA	88		25 - 150								
13C2 PFDA	84		25 - 150								
13C2 PFUnA	94		25 - 150								
13C2 PFDoA	93		25 - 150								
13C2 PFTeDA	89		25 - 150								
13C3 PFBS	68		25 - 150								
18O2 PFHxS	68		25 - 150								
13C4 PFOS	67		25 - 150								
13C8 FOSA	74		10 - 150								
d3-NMeFOSAA	75		25 - 150								
d5-NEtFOSAA	68		25 - 150								
d-N-MeFOSA-M	69		10 - 150								
d-N-EtFOSA-M	70		10 - 150								
d7-N-MeFOSE-M	80		10 - 150								
d9-N-EtFOSE-M	71		10 - 150								
M2-4:2 FTS	157	*5+	25 - 150								
M2-6:2 FTS	188	*5+	25 - 150								
M2-8:2 FTS	136		25 - 150								
13C3 HFPO-DA	76		25 - 150								
13C2 10:2 FTS	86		25 - 150								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-599576/1-A

Matrix: Solid

Analysis Batch: 599924

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 599576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<8.2		20	8.2	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Antimony	<0.39		2.0	0.39	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Arsenic	<0.34		1.0	0.34	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Barium	<0.11		1.0	0.11	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Cadmium	0.0452	J	0.20	0.036	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Copper	<0.28		1.0	0.28	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Iron	<10		20	10	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Lead	<0.23		0.50	0.23	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Manganese	<0.15		1.0	0.15	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Nickel	<0.29		1.0	0.29	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/18/21 16:46	05/19/21 16:46	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 500-599576/1-A
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.13		0.50	0.13	mg/Kg		05/18/21 16:46	05/19/21 16:46	1
Thallium	<0.50		1.0	0.50	mg/Kg		05/18/21 16:46	05/19/21 16:46	1

Lab Sample ID: LCS 500-599576/2-A
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	200	211		mg/Kg		106	80 - 120
Antimony	50.0	50.5		mg/Kg		101	80 - 120
Arsenic	10.0	9.63		mg/Kg		96	80 - 120
Barium	200	202		mg/Kg		101	80 - 120
Cadmium	5.00	4.86		mg/Kg		97	80 - 120
Chromium	20.0	19.7		mg/Kg		99	80 - 120
Copper	25.0	25.0		mg/Kg		100	80 - 120
Iron	100	111		mg/Kg		111	80 - 120
Lead	10.0	9.76		mg/Kg		98	80 - 120
Manganese	50.0	48.4		mg/Kg		97	80 - 120
Nickel	50.0	49.9		mg/Kg		100	80 - 120
Selenium	10.0	8.81		mg/Kg		88	80 - 120
Silver	5.00	4.86		mg/Kg		97	80 - 120
Thallium	10.0	9.70		mg/Kg		97	80 - 120

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599576

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	4800	V	207	8680	4	mg/Kg	⊛	1888	75 - 125
Antimony	0.60	J F1	51.9	23.0	F1	mg/Kg	⊛	43	75 - 125
Arsenic	3.4		10.4	13.5		mg/Kg	⊛	97	75 - 125
Barium	39	V	207	226		mg/Kg	⊛	90	75 - 125
Cadmium	0.33	B	5.19	4.84		mg/Kg	⊛	87	75 - 125
Chromium	11		20.7	33.6		mg/Kg	⊛	107	75 - 125
Copper	24	F1 V	25.9	63.4	F1	mg/Kg	⊛	152	75 - 125
Iron	9100	V	104	12200	4	mg/Kg	⊛	2975	75 - 125
Lead	35	F1	10.4	52.2	F1	mg/Kg	⊛	168	75 - 125
Manganese	160	F1 V	51.9	247	F1	mg/Kg	⊛	165	75 - 125
Nickel	11		51.9	65.7		mg/Kg	⊛	105	75 - 125
Selenium	<0.59		10.4	8.53		mg/Kg	⊛	82	75 - 125
Silver	0.27	J	5.19	5.02		mg/Kg	⊛	92	75 - 125
Thallium	0.55	J	10.4	9.95		mg/Kg	⊛	91	75 - 125

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599576

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	4800	V	206	8040	4	mg/Kg	⊛	1588	75 - 125	8	20

Euofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599576

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Antimony	0.60	J F1	51.5	22.4	F1	mg/Kg	⊛	42	75 - 125	3	20
Arsenic	3.4		10.3	13.8		mg/Kg	⊛	101	75 - 125	2	20
Barium	39	V	206	228		mg/Kg	⊛	92	75 - 125	1	20
Cadmium	0.33	B	5.15	4.88		mg/Kg	⊛	88	75 - 125	1	20
Chromium	11		20.6	34.6		mg/Kg	⊛	113	75 - 125	3	20
Copper	24	F1 V	25.8	54.7		mg/Kg	⊛	119	75 - 125	15	20
Iron	9100	V	103	13600	4	mg/Kg	⊛	4426	75 - 125	11	20
Lead	35	F1	10.3	57.6	F1	mg/Kg	⊛	221	75 - 125	10	20
Manganese	160	F1 V	51.5	248	F1	mg/Kg	⊛	167	75 - 125	0	20
Nickel	11		51.5	64.9		mg/Kg	⊛	105	75 - 125	1	20
Selenium	<0.59		10.3	8.25		mg/Kg	⊛	80	75 - 125	3	20
Silver	0.27	J	5.15	5.02		mg/Kg	⊛	92	75 - 125	0	20
Thallium	0.55	J	10.3	10.1		mg/Kg	⊛	92	75 - 125	1	20

Lab Sample ID: 500-198861-1 DU
Matrix: Solid
Analysis Batch: 599924

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599576

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier		Result				
Aluminum	4800	V	6970	F3	mg/Kg	⊛	38	20
Antimony	0.60	J F1	<0.46		mg/Kg	⊛	NC	20
Arsenic	3.4		4.26	F5	mg/Kg	⊛	23	20
Barium	39	V	46.8		mg/Kg	⊛	19	20
Cadmium	0.33	B	0.379		mg/Kg	⊛	14	20
Chromium	11		16.4	F3	mg/Kg	⊛	37	20
Copper	24	F1 V	41.8	F3	mg/Kg	⊛	54	20
Iron	9100	V	13000	F3	mg/Kg	⊛	35	20
Lead	35	F1	57.4	F3	mg/Kg	⊛	49	20
Manganese	160	F1 V	198		mg/Kg	⊛	20	20
Nickel	11		15.7	F3	mg/Kg	⊛	36	20
Selenium	<0.59		<0.70		mg/Kg	⊛	NC	20
Silver	0.27	J	0.317	J	mg/Kg	⊛	14	20
Thallium	0.55	J	1.17	J F5	mg/Kg	⊛	72	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-599548/12-A
Matrix: Solid
Analysis Batch: 599733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 599548

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.0056		0.017	0.0056	mg/Kg		05/18/21 15:00	05/19/21 08:18	1

Lab Sample ID: LCS 500-599548/13-A
Matrix: Solid
Analysis Batch: 599733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 599548

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Mercury	0.167	0.175		mg/Kg		105	80 - 120

Euofins TestAmerica, Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 500-198861-1 MS
Matrix: Solid
Analysis Batch: 599733

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599548
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.037	F1 F2	0.0964	0.0543	F1	mg/Kg	✱	17	75 - 125

Lab Sample ID: 500-198861-1 MSD
Matrix: Solid
Analysis Batch: 599733

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599548
 %Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.037	F1 F2	0.0959	0.149	F2	mg/Kg	✱	116	75 - 125	93	20

Lab Sample ID: 500-198861-1 DU
Matrix: Solid
Analysis Batch: 599733

Client Sample ID: SB-210 (1-3)
Prep Type: Total/NA
Prep Batch: 599548
 RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.037	F1 F2	0.0362		mg/Kg	✱	4	20

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-210 (1-3)

Lab Sample ID: 500-198861-1

Date Collected: 05/05/21 14:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/05/21 14:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599415	05/18/21 16:25	PMF	TAL CHI
Total/NA	Prep	3541			599606	05/18/21 20:05	JP1	TAL CHI
Total/NA	Analysis	8270D		1	599716	05/19/21 17:28	AJD	TAL CHI
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 01:19	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 14:47	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 16:53	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:34	MJG	TAL CHI

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-210 (8-9)

Lab Sample ID: 500-198861-2

Date Collected: 05/05/21 14:55

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/05/21 14:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 18:51	PMF	TAL CHI
Total/NA	Prep	3541			599606	05/18/21 20:05	JP1	TAL CHI
Total/NA	Analysis	8270D		1	599716	05/19/21 13:34	AJD	TAL CHI
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 02:06	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 15:14	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:09	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:42	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-211 (1-2)
Date Collected: 05/06/21 09:25
Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-211 (1-2)
Date Collected: 05/06/21 09:25
Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-3
Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 09:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599761	05/19/21 20:10	PMF	TAL CHI
Total/NA	Prep	3541			599606	05/18/21 20:05	JP1	TAL CHI
Total/NA	Analysis	8270D		1	599716	05/19/21 13:55	AJD	TAL CHI
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 02:21	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 15:24	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:12	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:44	MJG	TAL CHI

Client Sample ID: SB-211 (3-4)
Date Collected: 05/06/21 09:35
Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-211 (3-4)
Date Collected: 05/06/21 09:35
Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-4
Matrix: Solid
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 09:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599761	05/19/21 20:36	PMF	TAL CHI
Total/NA	Prep	3541			599606	05/18/21 20:05	JP1	TAL CHI
Total/NA	Analysis	8270D		1	599716	05/19/21 16:03	AJD	TAL CHI
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 02:37	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 15:33	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:16	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:45	MJG	TAL CHI

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (2-3)

Date Collected: 05/06/21 10:10

Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-215 (2-3)

Date Collected: 05/06/21 10:10

Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-5

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 02:52	SS	TAL CHI
Total/NA	Prep	SHAKE			489610	05/16/21 19:45	FX	TAL SAC
Total/NA	Analysis	537 (modified)		1	489843	05/17/21 15:25	S1M	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:26	JJB	TAL CHI
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	600008	05/20/21 12:43	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:48	MJG	TAL CHI

Client Sample ID: SB-215 (7.5-8.5)

Date Collected: 05/06/21 10:15

Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-215 (7.5-8.5)

Date Collected: 05/06/21 10:15

Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-6

Matrix: Solid

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 03:07	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 15:42	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:29	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 08:49	MJG	TAL CHI

Client Sample ID: SB-215 (10-11)

Date Collected: 05/06/21 10:20

Date Received: 05/08/21 11:15

Lab Sample ID: 500-198861-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-215 (10-11)

Lab Sample ID: 500-198861-7

Date Collected: 05/06/21 10:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			599804	05/19/21 16:04	JP1	TAL CHI
Total/NA	Analysis	8082A		1	599810	05/20/21 03:23	SS	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 15:51	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:32	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:02	MJG	TAL CHI

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-232 (2-3)

Lab Sample ID: 500-198861-8

Date Collected: 05/06/21 10:40

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 10:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599761	05/19/21 21:02	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 16:28	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:36	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:03	MJG	TAL CHI

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 10:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599761	05/19/21 21:28	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 16:37	K1S	TAL SAC

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Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-232 (9-10)

Lab Sample ID: 500-198861-9

Date Collected: 05/06/21 10:45

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:39	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:05	MJG	TAL CHI

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-232 (11-12)

Lab Sample ID: 500-198861-10

Date Collected: 05/06/21 10:50

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 10:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599761	05/19/21 21:53	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 16:46	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:42	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:07	MJG	TAL CHI

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599569	05/18/21 15:46	LWN	TAL CHI

Client Sample ID: SB-229B (10-11)

Lab Sample ID: 500-198861-11

Date Collected: 05/06/21 13:00

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 13:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 20:19	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 16:55	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:46	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:09	MJG	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: FB-06-210506

Lab Sample ID: 500-198861-12

Date Collected: 05/06/21 13:45

Matrix: Water

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			488559	05/13/21 04:58	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	489079	05/14/21 14:45	S1M	TAL SAC

Client Sample ID: FB-05-210505

Lab Sample ID: 500-198861-13

Date Collected: 05/05/21 16:00

Matrix: Water

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			488559	05/13/21 04:58	EG	TAL SAC
Total/NA	Analysis	537 (modified)		1	489079	05/14/21 14:54	S1M	TAL SAC

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599570	05/18/21 15:55	LWN	TAL CHI

Client Sample ID: SB-230A (12-13)

Lab Sample ID: 500-198861-14

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 15:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 20:47	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 17:04	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:49	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:10	MJG	TAL CHI

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599570	05/18/21 15:55	LWN	TAL CHI

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 15:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 21:16	PMF	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: DUP-08-210506

Lab Sample ID: 500-198861-15

Date Collected: 05/06/21 15:10

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 17:13	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:52	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:12	MJG	TAL CHI

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599570	05/18/21 15:55	LWN	TAL CHI

Client Sample ID: SB-231A (2-3)

Lab Sample ID: 500-198861-16

Date Collected: 05/06/21 16:15

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 16:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 21:44	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 17:22	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 17:55	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:14	MJG	TAL CHI

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599570	05/18/21 15:55	LWN	TAL CHI

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 16:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 22:12	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 17:31	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 18:05	JJB	TAL CHI

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Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Client Sample ID: SB-231A (7-8)

Lab Sample ID: 500-198861-17

Date Collected: 05/06/21 16:20

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:16	MJG	TAL CHI

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	599570	05/18/21 15:55	LWN	TAL CHI

Client Sample ID: SB-231A (10-11)

Lab Sample ID: 500-198861-18

Date Collected: 05/06/21 16:25

Matrix: Solid

Date Received: 05/08/21 11:15

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 16:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 22:40	PMF	TAL CHI
Total/NA	Prep	SHAKE			489288	05/15/21 07:35	OP	TAL SAC
Total/NA	Analysis	537 (modified)		1	489560	05/16/21 17:40	K1S	TAL SAC
Total/NA	Prep	3050B			599576	05/18/21 16:46	LMN	TAL CHI
Total/NA	Analysis	6010B		1	599924	05/19/21 18:08	JJB	TAL CHI
Total/NA	Prep	7471B			599548	05/18/21 15:00	MJG	TAL CHI
Total/NA	Analysis	7471B		1	599733	05/19/21 09:18	MJG	TAL CHI

Client Sample ID: TB-09-210506

Lab Sample ID: 500-198861-19

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 19:20	PMF	TAL CHI

Client Sample ID: TB-10-210506

Lab Sample ID: 500-198861-20

Date Collected: 05/06/21 00:00

Matrix: Solid

Date Received: 05/08/21 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			597932	05/06/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	599744	05/19/21 19:50	PMF	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 Plant No 9 - 1690019647

Job ID: 500-198861-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

Laboratory: Eurofins TestAmerica, Sacramento

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

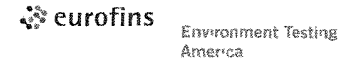
Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-21

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Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park IL 60484
 Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Client Information		Sampler: Liz Bonucki		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No. 500-90534-40477 11									
Client Contact: Paul Lindquist		Phone: 262-758-1488		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page 18 of 2									
Company: Ramboll US Corporation		PWSID		Analysis Requested						Job #: 500-198861							
Address: 234 W Florida Street Fifth Floor		Due Date Requested		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		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)							
City: Milwaukee		TAT Requested (days): 10-Day TAT															
State Zip: WI 53204		Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No															
Phone: 262-901-3507(Tel) 500-198861 COC		PO #: 1690019647															
Email: plindquist@ramboll.com		WO#															
Project Name: Former Mirro Plant No 9 - 1690019647		Project #: 50018382		8260B - VOC		8082A - PCB		8270D - PAH		6010B 7471B		PFC_IDA_WI - PFAS, Extended List (36 Analytes)		8260B - VOC (VDA Vials)		PFC_IDA_WI PFAS Extended List (33 Analytes)	
Site: Former Mirro Plant No. 9		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)		Preservation Code		Special Instructions/Note					
2 SB-210 (1-3)		5.5.2021		1450		G		S				Additional volume collected for MS/MSD					
3 SB-210 (8-9)		5.5.2021		1455		G		S									
4 SB-211 (1-2)		5.6.2021		0925		G		S									
5 SB-211 (3-4)		5.6.2021		0935		G		S									
6 SB-215 (2-3)		5.6.2021		1010		G		S									
7 SB-215 (7.5-8.5)		5.6.2021		1015		G		S									
8 SB-215 (10-11)		5.6.2021		1020		G		S									
9 SB-232 (2-3)		5.6.2021		1040		G		S									
10 SB-232 (9-10)		5.6.2021		1045		G		S									
11 SB-232 (11-12)		5.6.2021		1050		G		S									
SB-229B (10-11)		5.6.2021		1300		G		S									
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: Liz Bonucki		Date/Time: 5-7-2021		Time: 1130		Company: Ramboll		Received by: [Signature]		Date/Time: 5-7-21		Time: 1130					
Relinquished by: [Signature]		Date/Time: 5-7-21		Time: 1635		Company: TA		Received by: [Signature]		Date/Time: 5/8/21		Time: 1115					
Relinquished by:		Date/Time:		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: 4.8, 2.8									

Eurofins TestAmerica, Chicago

2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins Environment Test^{ing} America

Client Information		Sampler <i>Liz Bonucki</i>	Lab PM Fredrick Sandie	Carrier Tracking No(s)	COC No. 500-90534-40477 10																																													
Client Contact Paul Lindquist		Phone <i>262-758-1488</i>	E-Mail sandra.fredrick@eurofinset.com	State of Origin <i>Wisconsin</i>	Page Page 10 of 32 - 2 of 2																																													
Company Ramboll US Corporation		PWSID	Analysis Requested		Job # <i>500-198861</i>																																													
Address 234 W Florida Street Fifth Floor		Due Date Requested	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>8260B - VOC (PEX WEIGHT)</td> <td>8082A - PCB</td> <td>8270D - PAH</td> <td>6010B, 7471B</td> <td>PFC_IDA_WI - PFAS Extended List (36 Analytes)</td> <td>8260B VOC (VIA VIAL)</td> <td>PFC_IDA_WI - PFAS Extended List (33 Analytes)</td> </tr> <tr> <td>City Milwaukee</td> <td>TAT Requested (days): <i>10-Day TAT</i></td> <td>Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td colspan="6"></td> </tr> <tr> <td>State Zip WI 53204</td> <td>PO # 1690019647</td> <td>WO #</td> <td colspan="6"></td> </tr> <tr> <td>Phone 262-901-3507(Tel)</td> <td>Project # 50018382</td> <td>SSOW#</td> <td colspan="6"></td> </tr> <tr> <td>Email plindquist@ramboll.com</td> <td>Site: <i>Former Mirro Plant No. 9</i></td> <td></td> <td colspan="6"></td> </tr> </table>		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC (PEX WEIGHT)	8082A - PCB	8270D - PAH	6010B, 7471B	PFC_IDA_WI - PFAS Extended List (36 Analytes)	8260B VOC (VIA VIAL)	PFC_IDA_WI - PFAS Extended List (33 Analytes)	City Milwaukee	TAT Requested (days): <i>10-Day TAT</i>	Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No							State Zip WI 53204	PO # 1690019647	WO #							Phone 262-901-3507(Tel)	Project # 50018382	SSOW#							Email plindquist@ramboll.com	Site: <i>Former Mirro Plant No. 9</i>								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)
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC (PEX WEIGHT)			8082A - PCB	8270D - PAH	6010B, 7471B	PFC_IDA_WI - PFAS Extended List (36 Analytes)	8260B VOC (VIA VIAL)	PFC_IDA_WI - PFAS Extended List (33 Analytes)																																								
City Milwaukee	TAT Requested (days): <i>10-Day TAT</i>	Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No																																																
State Zip WI 53204	PO # 1690019647	WO #																																																
Phone 262-901-3507(Tel)	Project # 50018382	SSOW#																																																
Email plindquist@ramboll.com	Site: <i>Former Mirro Plant No. 9</i>																																																	
Project Name Former Mirro Plant No 9 - 1690019647		Project #			Other:																																													
Site: <i>Former Mirro Plant No. 9</i>		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)	8260B - VOC (PEX WEIGHT)	8082A - PCB	8270D - PAH	6010B, 7471B	PFC_IDA_WI - PFAS Extended List (36 Analytes)	8260B VOC (VIA VIAL)	PFC_IDA_WI - PFAS Extended List (33 Analytes)	Total Number of Containers	Special Instructions/Note																																		
12	FB-06-210506	5-6-2021	1345	G	W																																													
13	FB-05-210505	5-5-2021	1600	G	W																																													
14	SB-230A (2-13)	5-6-2021	1510	G	S			X		X		X	X																																					
15	DUP-08-210506	5-6-2021	1610	G	S			X		X		X	X																																					
16	SB-231A (2-3)	5-6-2021	1615	G	S			X		X		X	X																																					
17	SB-231A (7-8)	5-6-2021	1620	G	S			X		X		X	X																																					
18	SB-231A (10-11)	5-6-2021	1625	G	S			X		X		X	X																																					
19	TB-09-210506	—	—	—	W								X																																					
20	TB-10-210506	—	—	—	W								X																																					
21	SB-229A (2-3)	5-6-21	1235																																															
22	(7-8)		1240																																															
Possible Hazard Identification		1245		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		1235		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																														
Deliverables Requested: 11, 11, 11 (Specify)		1200		Special Instructions/QC Requirements																																														
Empty Kit Requisitioned by: <i>(11-12)</i>		Date: 1205		Time _____ Method of Shipment: _____																																														
Relinquished by: <i>Liz Bonucki for Mirro</i>		Date/Time: 5-7-2021 / 1130		Company: Ramboll		Received by: <i>[Signature]</i>		Date/Time: 5-7-21 / 1130		Company: TA																																								
Relinquished by: <i>[Signature]</i>		Date/Time: 5-7-21 / 1635		Company: TA		Received by: <i>[Signature]</i>		Date/Time: 5/8/21 / 1115		Company: ESTD-CHT																																								
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 _____																																														



500-198861 Waybt

ORIGIN ID:RRLA
SHIPPING
TESTAMERICA
4125 N 124TH ST
BROOKFIELD, WI 53005
UNITED STATES US

RTS
FZ
955

SHIP DATE: 07MAY21
ACTWGT: 58.25 LB
CAD: 525155/CAFE3406

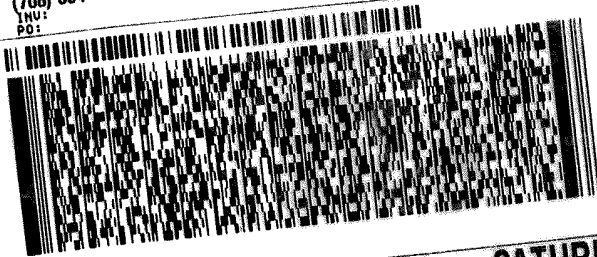
BILL RECIPIENT

TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET

UNIVERSITY PARK IL 60484

(708) 534-5200
INV:
PO:

REF: DEPT:



FedEx
Express



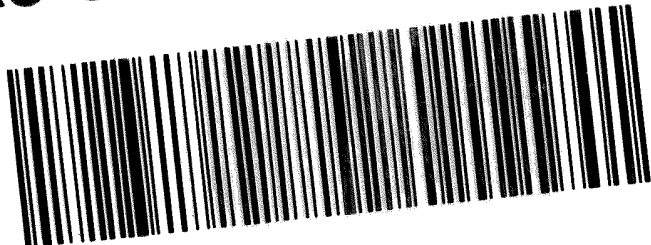
J201019110607

SATURDAY 12:00P
PRIORITY OVERNIGHT

1 of 2
TRK# 7125 4944 4339
0201
MASTER

XO JOTA

60484
IL-US ORD



ORIGIN ID:RRLA (262) 202-5955
SHIPPING
TESTAMERICA
4125 N 124TH ST
BROOKFIELD, WI 53005
UNITED STATES US

SHIP DATE: 07MAY21
ACTWGT: 54.75 LB
CAD: 525155/CAFE3406

BILL RECIPIENT

TO **SAMPLE RECEIPT**
TESTAMERICA LABS
2417 BOND STREET

UNIVERSITY PARK IL 60484

(708) 534-5200
INV:
PO:

REF: DEPT:



FedEx
Express



J201019110607

2 of 2
MPS# 7125 4944 4340
0263
Mstr# 7125 4944 4339

XO JOTA

0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

60484
IL-US ORD



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Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:											
Client Contact: Shipping/Receiving		Phone:	Fredrick, Sandie		500-148378.1											
Company: TestAmerica Laboratories, Inc.		E-Mail:	sandra.fredrick@eurofinset.com	State of Origin: Wisconsin	Page: Page 1 of 3											
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Due Date Requested: 5/23/2021	Accreditations Required (See note): State - Wisconsin		Job #: 500-198861-1											
Project Name: Former Mirro Plant No 9 - 1690019647		TAT Requested (days):	Analysis Requested		Preservation Codes:											
Site:		PO #:	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)</td> <td>PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)</td> <td>Moisture</td> <td rowspan="2">Total Number of containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)	Moisture	Total Number of containers						A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)			PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)	Moisture	Total Number of containers									
Project #: 50018382		WO #:			Other:											
SSOW#:																
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, BT=Tissue, A=Air)	Special Instructions/Note:										
SB-210 (1-3) (500-198861-1)		5/5/21	14:50 Central		Solid											
SB-210 (1-3) (500-198861-1MS)		5/5/21	14:50 Central	MS	Solid											
SB-210 (1-3) (500-198861-1MSD)		5/5/21	14:50 Central	MSD	Solid											
SB-210 (8-9) (500-198861-2)		5/5/21	14:55 Central		Solid											
SB-211 (1-2) (500-198861-3)		5/6/21	09:25 Central		Solid											
SB-211 (3-4) (500-198861-4)		5/6/21	09:35 Central		Solid											
SB-215 (2-3) (500-198861-5)		5/6/21	10:10 Central		Solid											
SB-215 (7.5-8.5) (500-198861-6)		5/6/21	10:15 Central		Solid											
SB-215 (10-11) (500-198861-7)		5/6/21	10:20 Central		Solid											
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.																
Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)													
Unconfirmed			<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)		Primary Deliverable Rank: 2	Special Instructions/QC Requirements:													
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:												
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:											
<i>[Signature]</i>	5/10/21	MOO	<i>Jason Simmons</i>	5/12/21 10:15	ETA SAC											
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:											
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.: 1451951	Cooler Temperature(s) °C and Other Remarks: 1.4, 5.8														

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5/24/2021



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-148378.2							
Client Contact: Shipping/Receiving		Phone:		E-Mail: sandra.fredrick@eurofinset.com		State of Origin: Wisconsin		Page: Page 2 of 3							
Company: TestAmerica Laboratories, Inc.				Accreditations Required (See note): State - Wisconsin				Job #: 500-198861-1							
Address: 880 Riverside Parkway,		Due Date Requested: 5/23/2021		Analysis 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: West Sacramento		TAT Requested (days):													
State, Zip: CA, 95605		PO #:		Field Filled Sample (Yes or No)		Perform MS/MSD (Yes or No)		PFC IDA, WI/Shake_Bath_28D PFAS, Standard List (33 analytes)		PFC IDA, WI/3535_PFC_28D PFAS, Standard List (33 analytes)		Moisture		Total Number of Containers	
Phone: 916-373-5600(Tel) 916-372-1059(Fax)		WO #:													
Email:		Project #: 50018382		Preservation Code:		Special Instructions/Note:		Other:							
Project Name: Former Mirro Plant No 9 - 1690019647		SSOW#:													
Site:															
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)							
SB-232 (2-3) (500-198861-8)		5/6/21		10:40 Central		Solid		X						1	
SB-232 (9-10) (500-198861-9)		5/6/21		10:45 Central		Solid		X						1	
SB-232 (11-12) (500-198861-10)		5/6/21		10:50 Central		Solid		X						1	
SB-229B (10-11) (500-198861-11)		5/6/21		13:00 Central		Solid		X						1	
FB-06-210506 (500-198861-12)		5/6/21		13:45 Central		Water		X						2	
FB-05-210505 (500-198861-13)		5/5/21		16:00 Central		Water		X						2	
SB-230A (12-13) (500-198861-14)		5/6/21		15:10 Central		Solid		X						1	
DUP-08-210506 (500-198861-15)		5/6/21		15:10 Central		Solid		X						1	
SB-231A (2-3) (500-198861-16)		5/6/21		16:15 Central		Solid		X						1	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.															
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed						<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)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: <i>[Signature]</i>		Date/Time: 5/10/21 1500		Company: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Date/Time: 5/12/21 10:15		Company: <i>[Signature]</i>					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
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.: 1451551				Cooler Temperature(s) °C and Other Remarks: 1.4, 5.5									

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5/24/2021



Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Client Information (Sub Contract Lab)		Client Contact: Shipping/Receiving	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-148378.3	
Company: TestAmerica Laboratories, Inc.		Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605	Phone: 916-373-5600(Tel) 916-372-1059(Fax)	E-Mail: sandra.fredrick@eurofinset.com	State of Origin: Wisconsin	
Project Name: Former Mirro Plant No 9 - 1690019647		Due Date Requested: 5/23/2021	Accreditations Required (See note): State - Wisconsin		Page: Page 3 of 3	
Site: SSOW#:		TAT Requested (days):	Analysis Requested		Job #: 500-198861-1	
PO #:		WO #:	Preservation Codes:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA	
Project #: 50018382		SSOW#:	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		Other:	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	PFC_IDA_WI/Shake_Bath_28D PFAS, Standard List (33 analytes)	PFC_IDA_WI/3535_PFC_28D PFAS, Standard List (33 analytes)	Moisture	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Total Number of containers
Preservation Code:						Special Instructions/Note:
SB-231A (7-8) (500-198861-17)		5/6/21	16:20 Central	Solid		1
SB-231A (10-11) (500-198861-18)		5/6/21	16:25 Central	Solid		1
SB-229A (2-3) (500-198861-21)		5/6/21	12:35 Central	Solid	X	1
SB-229A (7-8) (500-198861-22)		5/6/21	12:40 Central	Solid	X	1
SB-229A (11-12) (500-198861-23)		5/6/21	12:45 Central	Solid	X	1
DUP 08-210506 (500-198861-24)		5/6/21	12:35 Central	Solid	X	1
SB229 (7.5-8.5) (500-198861-25)		5/6/21	12:00 Central	Solid	X	1
SB229 (11-12) (500-198861-26)		5/6/21	12:05 Central	Solid	X	1

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Unconfirmed		<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)		Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time:	1500	Company:	Received by:	Date/Time:
Relinquished by:	Date/Time:		Company:	Received by:	Date/Time:
Relinquished by:	Date/Time:		Company:	Received by:	Date/Time:
Customary Seals Intact: Yes No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:			
	1451551	1.4, 5.8			

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5/24/2021



Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-198861-1

Login Number: 198861

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

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	
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	4.8,2.8
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.	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 <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.	True	

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-198861-1

Login Number: 198861

List Number: 2

Creator: Cahill, Nicholas P

List Source: Eurofins TestAmerica, Sacramento

List Creation: 05/12/21 04:01 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	1451551
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	1.4c, 5.8c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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	



Environment Testing
TestAmerica

Sacramento
Sample Receiving Notes



Job: 500-198861 Field Sheet

Tracking #: 1893 4451 8916

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-07 Corr. Factor: (+/-) — °C

Ice / Wet / Gel Other

Cooler Custody Seal: 1451551

Cooler ID: 10f2

Temp Observed: 1.4 °C Corrected: 1.4 °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: JS Date: 5/12/21

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 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 type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-12-21

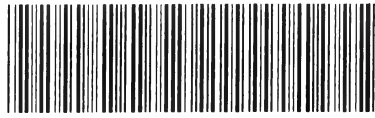
Notes:

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-12-21

WR3 23C



500-198861 Field Sheet

Job: _____

Tracking #: 1803 4451 8927

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-06 Corr. Factor: (+/-) N/A °C

Ice Wet Gel _____ Other _____

Cooler Custody Seal: _____

Cooler ID: _____

Temp Observed: 9.8 °C Corrected: 5.8 °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: NC Date: 5-12-21

Unpacking/Labeling The Samples	Yes	No	NA
CoC is complete w/o discrepancies?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples compromised/tampered with?	<input 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 type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 5-12-21

Notes: Received Samples 500-198861-4-L, 3-L, 5-C, 6-C, 7-C, 8-C, 9-C, 10-C, 11-C, 14-C, 15-C, and 18-C without a COC.
NC 5-12-21

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: NC Date: 5-12-21

WR3 23C

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-198861-1	SB-210 (1-3)	75	68	71	73	77	73	69	73
500-198861-1 MS	SB-210 (1-3)	69	72	73	75	76	75	72	74
500-198861-1 MSD	SB-210 (1-3)	78	81	81	87	80	91	88	90
500-198861-2	SB-210 (8-9)	72	72	71	80	85	83	74	81
500-198861-3	SB-211 (1-2)	69	74	82	90	79	83	72	85
500-198861-4	SB-211 (3-4)	75	73	77	78	76	85	80	84
500-198861-5	SB-215 (2-3)	56	65	78	72	76	82	78	75
500-198861-5 MS	SB-215 (2-3)	56	63	75	74	83	81	76	82
500-198861-5 MSD	SB-215 (2-3)	55	68	76	83	77	88	84	94
500-198861-6	SB-215 (7.5-8.5)	63	60	76	72	80	86	88	91
500-198861-7	SB-215 (10-11)	69	75	82	92	84	91	85	91
500-198861-8	SB-232 (2-3)	90	81	87	85	87	83	93	94
500-198861-9	SB-232 (9-10)	37	72	91	88	91	84	85	86
500-198861-10	SB-232 (11-12)	24 *5-	60	86	79	91	92	86	87
500-198861-11	SB-229B (10-11)	76	77	106	90	91	83	92	89
500-198861-14	SB-230A (12-13)	85	74	87	86	89	98	92	84
500-198861-15	DUP-08-210506	77	72	73	85	85	82	82	80
500-198861-16	SB-231A (2-3)	76	64	76	80	82	80	80	67
500-198861-17	SB-231A (7-8)	78	71	74	87	85	89	83	73
500-198861-18	SB-231A (10-11)	85	84	89	100	89	106	101	93
LCS 320-489288/2-A	Lab Control Sample	78	73	84	87	88	83	87	87
LCS 320-489610/2-A	Lab Control Sample	63	65	69	69	75	82	67	67
MB 320-489288/1-A	Method Blank	79	76	79	82	85	89	77	86
MB 320-489610/1-A	Method Blank	69	67	74	80	77	79	74	73

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198861-1	SB-210 (1-3)	74	71	51	51	50	59	70	56
500-198861-1 MS	SB-210 (1-3)	77	76	56	57	53	58	70	61
500-198861-1 MSD	SB-210 (1-3)	89	75	70	67	57	70	79	73
500-198861-2	SB-210 (8-9)	84	81	62	65	60	63	71	68
500-198861-3	SB-211 (1-2)	77	83	61	59	54	61	67	71
500-198861-4	SB-211 (3-4)	89	81	56	61	59	62	79	69
500-198861-5	SB-215 (2-3)	80	79	61	67	73	67	71	65
500-198861-5 MS	SB-215 (2-3)	84	84	64	70	66	69	72	66
500-198861-5 MSD	SB-215 (2-3)	93	89	68	68	67	74	75	68
500-198861-6	SB-215 (7.5-8.5)	99	82	65	70	66	67	67	71
500-198861-7	SB-215 (10-11)	85	77	71	73	64	72	70	74
500-198861-8	SB-232 (2-3)	101	97	109	96	102	42	44	39
500-198861-9	SB-232 (9-10)	90	83	95	107	88	40	39	33
500-198861-10	SB-232 (11-12)	93	86	85	92	91	42	48	42
500-198861-11	SB-229B (10-11)	83	81	89	97	92	45	44	40
500-198861-14	SB-230A (12-13)	87	81	72	69	61	73	77	71
500-198861-15	DUP-08-210506	85	75	64	74	65	67	66	70
500-198861-16	SB-231A (2-3)	69	66	62	55	53	49	57	53
500-198861-17	SB-231A (7-8)	69	51	74	75	72	55	70	64
500-198861-18	SB-231A (10-11)	97	90	74	84	74	84	88	80
LCS 320-489288/2-A	Lab Control Sample	85	77	76	72	65	80	78	67
LCS 320-489610/2-A	Lab Control Sample	77	70	57	68	64	65	65	61

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
MB 320-489288/1-A	Method Blank	83	86	72	70	73	76	69	67
MB 320-489610/1-A	Method Blank	89	75	59	64	61	70	71	67

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFM (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198861-1	SB-210 (1-3)	50	55	67	60	74	105	82	63
500-198861-1 MS	SB-210 (1-3)	47	49	75	67	74	81	66	71
500-198861-1 MSD	SB-210 (1-3)	66	60	79	66	106	122	111	77
500-198861-2	SB-210 (8-9)	60	60	77	72	75	98	80	73
500-198861-3	SB-211 (1-2)	55	59	75	69	93	127	90	70
500-198861-4	SB-211 (3-4)	58	59	77	70	84	122	88	74
500-198861-5	SB-215 (2-3)	60	62	76	66	136	176 *5+	132	65
500-198861-5 MS	SB-215 (2-3)	61	62	71	68	145	178 *5+	128	69
500-198861-5 MSD	SB-215 (2-3)	69	70	80	71	157 *5+	188 *5+	136	76
500-198861-6	SB-215 (7.5-8.5)	64	66	73	71	208 *5+	234 *5+	158 *5+	72
500-198861-7	SB-215 (10-11)	66	62	81	71	208 *5+	211 *5+	140	73
500-198861-8	SB-232 (2-3)	34	36	23	16	362 *5+	373 *5+	286 *5+	103
500-198861-9	SB-232 (9-10)	33	31	21	12	303 *5+	357 *5+	266 *5+	93
500-198861-10	SB-232 (11-12)	39	39	23	16	325 *5+	351 *5+	271 *5+	96
500-198861-11	SB-229B (10-11)	35	36	22	17	315 *5+	326 *5+	255 *5+	92
500-198861-14	SB-230A (12-13)	59	60	77	67	99	122	113	72
500-198861-15	DUP-08-210506	52	53	77	68	78	112	91	71
500-198861-16	SB-231A (2-3)	42	40	78	69	68	90	78	69
500-198861-17	SB-231A (7-8)	31	31	41	38	127	145	98	77
500-198861-18	SB-231A (10-11)	69	70	97	78	85	121	117	88
LCS 320-489288/2-A	Lab Control Sample	65	66	79	68	79	95	81	79
LCS 320-489610/2-A	Lab Control Sample	53	59	66	69	65	86	80	68
MB 320-489288/1-A	Method Blank	65	55	74	67	71	97	85	74
MB 320-489610/1-A	Method Blank	61	62	83	70	62	85	91	64

		M102FTS (25-150)
500-198861-1	SB-210 (1-3)	69
500-198861-1 MS	SB-210 (1-3)	61
500-198861-1 MSD	SB-210 (1-3)	85
500-198861-2	SB-210 (8-9)	67
500-198861-3	SB-211 (1-2)	69
500-198861-4	SB-211 (3-4)	77
500-198861-5	SB-215 (2-3)	99
500-198861-5 MS	SB-215 (2-3)	97
500-198861-5 MSD	SB-215 (2-3)	86
500-198861-6	SB-215 (7.5-8.5)	94
500-198861-7	SB-215 (10-11)	77
500-198861-8	SB-232 (2-3)	236 *5+
500-198861-9	SB-232 (9-10)	212 *5+
500-198861-10	SB-232 (11-12)	224 *5+
500-198861-11	SB-229B (10-11)	207 *5+
500-198861-14	SB-230A (12-13)	82
500-198861-15	DUP-08-210506	77

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-198861-16	SB-231A (2-3)	52
500-198861-17	SB-231A (7-8)	63
500-198861-18	SB-231A (10-11)	84
LCS 320-489288/2-A	Lab Control Sample	76
LCS 320-489610/2-A	Lab Control Sample	72
MB 320-489288/1-A	Method Blank	75
MB 320-489610/1-A	Method Blank	84

Surrogate Legend

PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 PFHxA = 13C2 PFHxA
 C4PFHA = 13C4 PFHxA
 PFOA = 13C4 PFOA
 PFNA = 13C5 PFNA
 PFDA = 13C2 PFDA
 PFUnA = 13C2 PFUnA
 PFDaA = 13C2 PFDaA
 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

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
500-198861-12	FB-06-210506	89	80	85	95	95	93	93	101
500-198861-13	FB-05-210505	86	84	89	89	92	103	85	108
LCS 320-488559/2-A	Lab Control Sample	86	81	92	89	92	92	93	95
LCSD 320-488559/3-A	Lab Control Sample Dup	79	80	89	89	94	86	99	92
MB 320-488559/1-A	Method Blank	81	78	91	88	96	99	95	100

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
500-198861-12	FB-06-210506	98	95	84	84	84	80	76	75
500-198861-13	FB-05-210505	108	93	74	82	80	73	69	70

Eurofins TestAmerica, Chicago

Isotope Dilution Summary

Client: Ramboll US Corporation
 Project/Site: Former Mirro Plant No 9 - 1690019647

Job ID: 500-198861-1

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	PFDoA (25-150)	PFTDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (10-150)	d3NMFOS (25-150)	d5NEFOS (25-150)
LCS 320-488559/2-A	Lab Control Sample	89	96	77	85	79	83	77	75
LCS 320-488559/3-A	Lab Control Sample Dup	94	89	78	81	79	79	77	67
MB 320-488559/1-A	Method Blank	96	96	77	82	80	79	81	80

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	dMeFOSA (10-150)	dEtFOSA (10-150)	NMFm (10-150)	NEFM (10-150)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)	HFPODA (25-150)
500-198861-12	FB-06-210506	63	63	90	83	82	108	93	88
500-198861-13	FB-05-210505	64	67	94	85	73	100	81	86
LCS 320-488559/2-A	Lab Control Sample	63	64	88	87	78	112	101	81
LCS 320-488559/3-A	Lab Control Sample Dup	66	65	92	89	78	96	86	83
MB 320-488559/1-A	Method Blank	72	70	96	82	76	107	97	84

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M102FTS (25-150)
500-198861-12	FB-06-210506	92
500-198861-13	FB-05-210505	85
LCS 320-488559/2-A	Lab Control Sample	85
LCS 320-488559/3-A	Lab Control Sample Dup	82
MB 320-488559/1-A	Method Blank	95

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA
- PFOA = 13C4 PFOA
- PFNA = 13C5 PFNA
- PFDA = 13C2 PFDA
- PFUnA = 13C2 PFUnA
- PFDoA = 13C2 PFDoA
- PFTDA = 13C2 PFTeDA
- C3PFBS = 13C3 PFBS
- PFHxS = 18O2 PFHxS
- PFOS = 13C4 PFOS
- PFOSA = 13C8 FOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- dMeFOSA = d-N-MeFOSA-M
- dEtFOSA = d-N-EtFOSA-M
- NMFm = d7-N-MeFOSE-M
- NEFM = d9-N-EtFOSE-M
- M242FTS = M2-4:2 FTS
- M262FTS = M2-6:2 FTS
- M282FTS = M2-8:2 FTS
- HFPODA = 13C3 HFPO-DA
- M102FTS = 13C2 10:2 FTS