

Sent Via E-Mail

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

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

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

October 12, 2021

Dear Mr. McKnight and Mr. Nordgren:

Ramboll US Consulting, Inc. (Ramboll), on behalf of Newell Operating Company (NOC), is providing the Wisconsin Department of Natural Resources (WDNR) and the current property owner with the attached soil sample analytical results collected during recent soil boring and monitoring well installation activities at the former Mirro Plant No. 20 facility (the "facility" or "site"). The samples were collected on September 20 to 21, 2021, and analyzed in accordance with the WDNR approved Site Investigation Work Plan (Work Plan). The laboratory analytical report, tabulated results, and a draft figure showing the sample locations is attached. These site investigation activities, along with the additional items outlined in the Work Plan, will be formally documented in the Wisconsin Administrative Code NR 716 Site Investigation Report planned for early 2022.

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

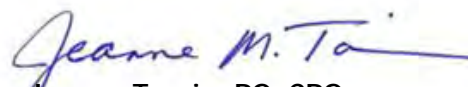
Sincerely,

Ramboll US Consulting, Inc.



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ATTACHMENTS

Table 1A: VOC Soil Analytical Results

Table 1B: PAH and Metal Soil Analytical Results

Figure 1: Soil Boring and Monitoring Well Locations (Draft)

Laboratory Analytical Report (Eurofins TestAmerica)

Table 1A. VOC Soil Analytical Results

Former Mirro Plant 20
 44 Walnut Street, Chilton, WI 53014
 BRRTS No.: 02-08-520157 (ERP) & 06-08-426946 (VPLE) FID No.: 408021130

<div style="border: 2px solid red; padding: 5px; display: inline-block; font-weight: bold; color: red;">DRAFT</div>				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-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total ¹	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (MEK)	2-Chlorotoluene	4-Chlorotoluene	4-Isopropyltoluene	
Station Name	Sample ID	Sample Depth (feet bgs)	Sample Date	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				
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			
<i>WI Soil GW Pathways DF 2:</i>				0.0534	0.1402	0.0002	0.0032	0.4834	0.005	NS	NS	0.0519	0.408	0.0002	2.8E-05	1.168	0.0028	0.00332	NS	NS	1.3787	1.1528	NS	0.144	NS	1.6661	NS	NS	NS	
WI Soil Industrial RCLs:				12.3	640	3.6	7.01	22.2	1,190	NS	934	0.109	113	0.0923	0.221	376	2.87	15	219	182	182	297	1490	16.4	191	28400	907	253	162	
<i>WI Soil Non-Industrial RCLs:</i>				2.78	640	0.81	1.59	5.06	320	NS	62.6	0.0051	24	0.0075	0.05	376	0.652	3.4	219	182	182	297	1490	3.74	191	28400	907	253	162	
MW-11	MW-11 (0-4)	0-4	09/20/2021	<0.041	<0.034	<0.035	<0.031	<0.036	<0.035	<0.026	<0.041	<0.037	<0.030	<0.180	<0.034	<0.030	<0.035	<0.038	<0.032	<0.034	<0.066	<0.035	<0.032	<0.032	<0.039	<0.190	<0.028	<0.031	<0.032	
MW-12	MW-12 (2-4)	2-4	09/20/2021	<0.042	<0.035	<0.036	<0.032	<0.037	<0.035	<0.027	<0.042	<0.038	<0.031	<0.180	<0.035	<0.030	<0.036	<0.039	<0.033	<0.035	<0.066	<0.036	<0.033	<0.033	<0.040	<0.190	<0.029	<0.032	<0.033	
PZ-13	PZ-13 (2-4)	2-4	09/21/2021	<0.028	<0.023	<0.025	<0.022	<0.025	<0.024	<0.018	<0.028	<0.025	<0.021	<0.120	<0.024	<0.021	<0.024	<0.026	<0.022	<0.023	<0.045	<0.025	<0.022	<0.022	<0.027	<0.130	<0.019	<0.022	<0.022	
PZ-14	PZ-14 (2-4)	2-4	09/22/2021	<0.032	<0.027	<0.028	<0.025	<0.029	<0.027	<0.021	<0.032	<0.029	<0.024	<0.140	<0.027	<0.023	<0.027	<0.030	<0.025	<0.027	<0.052	<0.028	<0.025	<0.031	<0.150	<0.022	<0.025	<0.025	<0.025	
PZ-14	PZ-14 (5-6)	5-6	09/22/2021	<0.035	<0.029	<0.030	<0.027	<0.031	<0.030	<0.023	<0.035	<0.031	<0.026	<0.150	<0.029	<0.025	<0.030	<0.032	<0.027	<0.029	<0.057	<0.030	<0.027	<0.028	<0.034	<0.160	<0.024	<0.027	<0.027	
SB-100	SB-100 (2-4)	2-4	09/20/2021	<0.033	<0.027	<0.028	<0.025	<0.029	<0.028	<0.021	<0.033	<0.029	<0.024	<0.140	<0.027	<0.024	<0.028	<0.030	<0.025	<0.027	<0.052	<0.028	<0.026	<0.032	<0.150	<0.022	<0.025	<0.025	<0.026	
SB-101	SB-101 (2-4)	2-4	09/21/2021	<0.040	<0.033	<0.034	<0.030	<0.035	<0.034	<0.026	<0.040	<0.036	<0.030	<0.170	<0.033	<0.029	<0.034	<0.037	<0.031	<0.033	<0.064	<0.035	<0.031	<0.031	<0.038	<0.180	<0.027	<0.030	<0.031	
SB-102	SB-102 (2-4)	2-4	09/21/2021	<0.039	<0.032	<0.034	<0.030	<0.035	<0.033	<0.025	<0.039	<0.035	<0.029	<0.170	<0.033	<0.028	<0.033	<0.036	<0.030	<0.032	<0.062	<0.034	<0.031	<0.031	<0.038	<0.180	<0.027	<0.030	<0.031	
SB-103	SB-103 (1.5-3.5)	1.5-3.5	09/21/2021	<0.038	<0.031	<0.033	<0.029	<0.034	<0.032	<0.024	<0.038	<0.034	<0.028	<0.160	<0.032	<0.027	<0.032	<0.035	<0.029	<0.031	<0.060	<0.033	<0.030	<0.030	<0.036	<0.170	<0.026	<0.029	<0.030	
SB-104	SB-104 (2-4)	2-4	09/21/2021	<0.042	<0.034	<0.036	<0.032	<0.037	<0.035	<0.027	<0.041	<0.037	<0.031	<0.180	<0.035	<0.030	<0.035	<0.039	<0.032	<0.034	<0.066	<0.036	<0.033	<0.033	<0.040	<0.190	<0.028	<0.032	<0.033	
SB-105	SB-105 (2-4)	2-4	09/21/2021	<0.042	<0.034	<0.036	<0.032	<0.037	<0.035	<0.027	<0.041	<0.037	<0.031	<0.180	<0.035	<0.030	<0.035	<0.039	<0.032	<0.034	<0.066	<0.036	<0.033	<0.033	<0.040	<0.190	<0.028	<0.032	<0.033	
SB-106	SB-106 (2-4)	2-4	09/21/2021	<0.043	<0.035	<0.037	<0.033	<0.038	<0.036	<0.028	<0.043	<0.039	<0.032	<0.190	<0.036	<0.031	<0.037	<0.040	<0.033	<0.035	<0.068	<0.037	<0.034	<0.034	<0.041	<0.200	<0.029	<0.033	<0.034	
SB-107	SB-107 (2-4)	2-4	09/21/2021	<0.035	<0.029	<0.030	<0.027	<0.031	<0.029	<0.023	<0.035	<0.031	<0.026	<0.150	<0.029	<0.025	<0.030	<0.032	<0.027	<0.029	<0.057	<0.030	<0.027	<0.028	<0.034	<0.160	<0.024	<0.026	<0.027	
SB-108	SB-108 (2-4)	2-4	09/21/2021	<0.038	<0.031	<0.032	<0.029	<0.033	<0.032	<0.024	<0.037	<0.034	<0.028	<0.160	<0.031	<0.027	<0.032	<0.035	<0.029	<0.031	<0.060	<0.033	<0.030	<0.030	<0.036	<0.170	<0.026	<0.029	<0.030	
Total Number of Samples Analyzed:				14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
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	
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	
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
<i>WI Soil GW Pathways DF 2:</i>				0.0534	0.1402	0.0002	0.0032	0.4834	0.005	NS	NS	0.0519	0.408	0.0002	2.8E-05	1.168	0.0028	0.00332	NS	NS	1.3787	1.1528	NS	0.144	NS	1.6661	NS	NS	NS	
Number of Samples that Exceed WI Soil GW Pathways DF 2 SL:				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 RCLs:				12.3	640	3.6	7.01	22.2	1,190	NS	934	0.109	113	0.0923	0.221	376	2.87	15	219	182	182	297	1490	16.4	191	28,400	907	253	162	
Number of Samples that Exceed WI Soil Industrial RCLs SL:				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
<i>WI Soil Non-Industrial RCLs:</i>				2.78	640	0.81	1.59	5.06	320	NS	62.6	0.0051	24	0.0075	0.05	376	0.652	3.4	219	182	182	297	1490	3.74	191	28,400	907	253	162	
Number of Samples that Exceed WI Soil Non-Industrial RCLs SL:				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.

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

Results & Flags:
 < = 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

Acronyms:
 FID = facility identification number
 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

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 summation
 c. Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

Table 1A. VOC Soil Analytical Results

Former Mirro Plant 20
 44 Walnut Street, Chilton, WI 53014
 BRRTS No.: 02-08-520157 (ERP) & 06-08-426946 (VPLE) FID No.: 408021130

<div style="border: 2px solid red; padding: 5px; display: inline-block; font-weight: bold; color: red;">DRAFT</div>				VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	BTEX	VOC	VOC	SVOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	
				Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Ethylbenzene	Dibromomethane	Freon 12	Hexachlorobutadiene	Isopropyl ether	Isopropylbenzene	Methylene chloride (Dichloromethane, DCM)	Methyl-tert-butyl-ether	n-Butylbenzene	n-Propylbenzene	Naphthalene
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	
<i>WI Soil GW Pathways DF 2:</i>				0.0051	NS	NS	0.0003	0.0023	0.0051	0.0039	0.1358	0.2266	0.0033	0.0155	0.0412	NS	0.032	1.57	NS	3.0863	NS	NS	NS	0.0026	0.027	NS	NS	0.6582
WI Soil Industrial RCLs:				7.07	679	906	1.83	113	43	4.03	761	2120	2	669	2340	1,210	39	35.4	143	530	7.19	2260	268	1,150	282	108	264	24.1
<i>WI Soil Non-Industrial RCLs:</i>				<i>1.6</i>	<i>342</i>	<i>216</i>	<i>0.418</i>	<i>25.4</i>	<i>9.6</i>	<i>0.916</i>	<i>370</i>	<i>2120</i>	<i>0</i>	<i>159</i>	<i>156</i>	<i>1210</i>	<i>8</i>	<i>8.02</i>	<i>34</i>	<i>126</i>	<i>1.63</i>	<i>2260</i>	<i>268</i>	<i>62</i>	<i>63.8</i>	<i>108</i>	<i>264</i>	<i>5.52</i>
MW-11	MW-11 (0-4)	0-4	09/20/2021	<0.013	<0.032	<0.038	<0.033	<0.043	<0.071	<0.034	<0.034	<0.045	<0.033	<0.028	<0.036	<0.037	<0.043	<0.016	<0.024	<0.060	<0.040	<0.024	<0.034	<0.140	<0.035	<0.034	<0.037	<0.030
MW-12	MW-12 (2-4)	2-4	09/20/2021	<0.013	<0.032	<0.039	<0.034	<0.044	<0.072	<0.035	<0.035	<0.046	<0.034	<0.029	<0.037	<0.038	<0.044	<0.017	<0.025	<0.061	<0.041	<0.025	<0.035	<0.150	<0.036	<0.035	<0.038	<0.030
PZ-13	PZ-13 (2-4)	2-4	09/21/2021	<0.0090	<0.022	<0.026	<0.023	<0.030	<0.049	<0.024	<0.024	<0.031	<0.023	<0.020	<0.025	<0.026	<0.030	<0.011	<0.017	<0.041	<0.027	<0.017	<0.024	<0.100	<0.024	<0.024	<0.025	<0.021
PZ-14	PZ-14 (2-4)	2-4	09/22/2021	<0.010	<0.025	<0.030	<0.026	<0.034	<0.056	<0.027	<0.027	<0.035	<0.026	<0.022	<0.029	<0.034	<0.013	<0.019	<0.047	<0.031	<0.019	<0.027	<0.110	<0.028	<0.027	<0.029	<0.023	
PZ-14	PZ-14 (5-6)	5-6	09/22/2021	<0.011	<0.027	<0.032	<0.028	<0.037	<0.060	<0.029	<0.029	<0.038	<0.028	<0.024	<0.031	<0.032	<0.037	<0.014	<0.020	<0.051	<0.034	<0.021	<0.029	<0.120	<0.030	<0.029	<0.031	<0.025
SB-100	SB-100 (2-4)	2-4	09/20/2021	<0.010	<0.025	<0.030	<0.026	<0.034	<0.057	<0.027	<0.027	<0.036	<0.026	<0.023	<0.029	<0.030	<0.035	<0.013	<0.019	<0.048	<0.032	<0.020	<0.027	<0.120	<0.028	<0.028	<0.029	<0.024
SB-101	SB-101 (2-4)	2-4	09/21/2021	<0.013	<0.031	<0.037	<0.032	<0.042	<0.069	<0.033	<0.033	<0.044	<0.032	<0.028	<0.035	<0.036	<0.042	<0.016	<0.023	<0.058	<0.039	<0.024	<0.033	<0.140	<0.034	<0.034	<0.036	<0.029
SB-102	SB-102 (2-4)	2-4	09/21/2021	<0.012	<0.030	<0.036	<0.032	<0.041	<0.068	<0.033	<0.033	<0.043	<0.031	<0.027	<0.035	<0.041	<0.016	<0.023	<0.057	<0.038	<0.023	<0.033	<0.140	<0.033	<0.033	<0.035	<0.028	
SB-103	SB-103 (1.5-3.5)	1.5-3.5	09/21/2021	<0.012	<0.029	<0.035	<0.031	<0.040	<0.065	<0.031	<0.032	<0.041	<0.030	<0.026	<0.033	<0.034	<0.040	<0.015	<0.022	<0.055	<0.037	<0.023	<0.031	<0.130	<0.032	<0.032	<0.034	<0.027
SB-104	SB-104 (2-4)	2-4	09/21/2021	<0.013	<0.032	<0.039	<0.034	<0.044	<0.072	<0.035	<0.035	<0.045	<0.033	<0.029	<0.037	<0.038	<0.044	<0.017	<0.024	<0.061	<0.040	<0.025	<0.035	<0.150	<0.036	<0.035	<0.037	<0.030
SB-105	SB-105 (2-4)	2-4	09/21/2021	0.039	<0.032	<0.039	<0.034	<0.044	<0.072	<0.035	<0.035	<0.046	<0.033	<0.029	<0.037	<0.038	<0.044	0.018	<0.024	<0.061	<0.040	<0.025	<0.035	<0.150	<0.036	<0.035	<0.037	0.035 J
SB-106	SB-106 (2-4)	2-4	09/21/2021	0.015	<0.033	<0.040	<0.035	<0.045	<0.074	<0.036	<0.036	<0.047	<0.035	<0.030	<0.038	<0.039	<0.046	<0.017	<0.025	<0.063	<0.042	<0.026	<0.036	<0.150	<0.037	<0.036	<0.039	<0.031
SB-107	SB-107 (2-4)	2-4	09/21/2021	<0.011	<0.027	<0.032	<0.028	<0.037	<0.060	<0.029	<0.029	<0.038	<0.028	<0.024	<0.031	<0.037	<0.014	<0.020	<0.051	<0.034	<0.021	<0.029	<0.120	<0.030	<0.029	<0.031	<0.025	
SB-108	SB-108 (2-4)	2-4	09/21/2021	<0.012	<0.029	<0.035	<0.030	<0.039	<0.065	<0.031	<0.031	<0.041	<0.030	<0.026	<0.033	<0.034	<0.040	<0.015	<0.022	<0.055	<0.036	<0.023	<0.031	<0.130	<0.032	<0.032	<0.034	<0.027
Total Number of Samples Analyzed:				14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detections:				2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Min:				0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.035
Max:				0.039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.035
<i>WI Soil GW Pathways DF 2:</i>				0.0051	NS	NS	0.0003	0.0023	0.0051	0.0039	0.1358	0.2266	0.0033	0.0155	0.0412	NS	0.032	1.57	NS	3.0863	NS	NS	NS	0.0026	0.027	NS	NS	0.6582
Number of Samples that Exceed WI Soil GW Pathways DF 2 SL:				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
WI Soil Industrial RCLs:				7.07	679	906	1.83	113	43	4.03	761	2,120	1.98	669	2,340	1,210	38.9	35.4	143	530	7.19	2,260	268	1,150	282	108	264	24.1
Number of Samples that Exceed WI Soil Industrial RCLs SL:				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
<i>WI Soil Non-Industrial RCLs:</i>				<i>1.6</i>	<i>342</i>	<i>216</i>	<i>0.418</i>	<i>25.4</i>	<i>9.6</i>	<i>0.916</i>	<i>370</i>	<i>2,120</i>	<i>0.454</i>	<i>159</i>	<i>156</i>	<i>1,210</i>	<i>8.28</i>	<i>8.02</i>	<i>34</i>	<i>126</i>	<i>1.63</i>	<i>2,260</i>	<i>268</i>	<i>61.8</i>	<i>63.8</i>	<i>108</i>	<i>264</i>	<i>5.52</i>
Number of Samples that Exceed WI Soil Non-Industrial RCLs SL:				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:

<i>Italic</i>	exceeds the Soil-to-Groundwater Pathway RCL (DF 2)
Bold	exceeds the WI Soil Industrial DC RCLs
<u>Underline</u>	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.

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

Results & Flags:

< = 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

Acronyms:

FID = facility identification number
 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 Resource
 WI = Wisconsin

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:

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

Table 1A. VOC Soil Analytical Results

Former Mirro Plant 20
 44 Walnut Street, Chilton, WI 53014
 BRRTS No.: 02-08-520157 (ERP) & 06-08-426946 (VPLE) FID No.: 408021130

DRAFT				VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	VOC	
Station Name	Sample ID	Sample Depth (feet bgs)	Sample Date	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Toluene	Trichlorofluoromethane	Vinyl Chloride	Xylenes, 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
<i>WI Soil GW Pathways DF 2:</i>				NS	0.22	NS	0.0045	0.0626	NS	0.0036	1.1072	4.4775	0.00014	3.96
WI Soil Industrial RCLs:				145	867	183	145	1850	1510	8.41	818	1,230	2.08	260
<i>WI Soil Non-Industrial RCLs:</i>				<i>145</i>	<i>867</i>	<i>183</i>	<i>33</i>	<i>1560</i>	<i>1510</i>	<i>1.3</i>	<i>818</i>	<i>1,230</i>	<i>0.0668</i>	<i>260</i>
MW-11	MW-11 (0-4)	0-4	09/20/2021	<0.035	<0.034	<0.035	<0.033	<0.031	<0.032	<0.015	<0.013	<0.038	<0.023	<0.020
MW-12	MW-12 (2-4)	2-4	09/20/2021	<0.036	<0.035	<0.036	<0.034	<0.032	<0.033	<0.015	<0.013	<0.039	<0.024	<0.020
PZ-13	PZ-13 (2-4)	2-4	09/21/2021	<0.025	<0.024	<0.025	<0.023	<0.022	<0.022	<0.010	<0.0091	<0.026	<0.016	<0.014
PZ-14	PZ-14 (2-4)	2-4	09/22/2021	<0.028	<0.027	<0.028	<0.026	<0.025	<0.025	<0.011	<0.010	<0.030	<0.018	<0.015
PZ-14	PZ-14 (5-6)	5-6	09/22/2021	<0.030	<0.029	<0.030	<0.028	<0.027	<0.027	<0.012	<0.011	<0.032	<0.020	<0.017
SB-100	SB-100 (2-4)	2-4	09/20/2021	<0.028	<0.027	<0.028	<0.026	<0.025	<0.026	<0.012	<0.010	<0.030	<0.019	<0.016
SB-101	SB-101 (2-4)	2-4	09/21/2021	<0.034	<0.033	<0.034	<0.032	<0.030	<0.031	<0.014	<0.013	<0.037	<0.023	<0.019
SB-102	SB-102 (2-4)	2-4	09/21/2021	<0.034	<0.033	<0.034	<0.031	<0.030	<0.031	<0.014	<0.012	<0.036	<0.022	<0.019
SB-103	SB-103 (1.5-3.5)	1.5-3.5	09/21/2021	<0.033	<0.032	<0.033	<0.030	<0.029	<0.030	<0.013	<0.012	<0.035	<0.021	<0.018
SB-104	SB-104 (2-4)	2-4	09/21/2021	<0.036	<0.035	<0.036	<0.033	<0.032	<0.033	<0.015	<0.013	<0.039	<0.024	<0.020
SB-105	SB-105 (2-4)	2-4	09/21/2021	<0.036	<0.035	<0.036	<0.033	<0.032	<0.033	<0.015	0.061	<0.039	<0.024	0.11
SB-106	SB-106 (2-4)	2-4	09/21/2021	<0.037	<0.036	<0.037	<0.035	<0.033	<0.034	<0.015	<0.014	<0.040	<0.024	<0.021
SB-107	SB-107 (2-4)	2-4	09/21/2021	<0.030	<0.029	<0.030	<0.028	<0.026	<0.027	<0.012	<0.011	<0.032	<0.020	<0.017
SB-108	SB-108 (2-4)	2-4	09/21/2021	<0.032	<0.031	<0.032	<0.030	<0.029	<0.030	<0.013	<0.012	<0.035	<0.021	<0.018
Total Number of Samples Analyzed:				14	14	14	14	14	14	14	14	14	14	14
Number of Detections:				0	0	0	0	0	0	0	1	0	0	1
Min:				NA	NA	NA	NA	NA	NA	NA	0.061	NA	NA	0.11
Max:				NA	NA	NA	NA	NA	NA	NA	0.061	NA	NA	0.11
<i>WI Soil GW Pathways DF 2:</i>				NS	0.22	NS	0.0045	0.0626	NS	0.0036	1.1072	4.4775	0.00014	3.96
Number of Samples that Exceed WI Soil GW Pathways DF 2 SL:				0	0	0	0	0	0	0	0	0	0	0
WI Soil Industrial RCLs:				145	867	183	145	1,850	1,510	8.41	818	1,230	2.08	260
Number of Samples that Exceed WI Soil Industrial RCLs SL:				0	0	0	0	0	0	0	0	0	0	0
<i>WI Soil Non-Industrial RCLs:</i>				<i>145</i>	<i>867</i>	<i>183</i>	<i>33</i>	<i>1,560</i>	<i>1,510</i>	<i>1.3</i>	<i>818</i>	<i>1,230</i>	<i>0.0668</i>	<i>260</i>
Number of Samples that Exceed WI Soil Non-Industrial RCLs SL:				0	0	0	0	0	0	0	0	0	0	0

[O: LDH 10/06/2021;C:MGP 10/6/21]

Notes:

<i>Italic</i>	exceeds the Soil-to-Groundwater Pathway RCL (DF 2)
Bold	exceeds the WI Soil Industrial DC RCLs
<u>Underline</u>	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.

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

Results & Flags:

< = 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

Acronyms:

FID = facility identification number
 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 Resource
 WI = Wisconsin

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:

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

Table 1B. PAH and Metal Soil Analytical Results

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

Station Name				PAH																Metal										
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total ¹	Chromium, Total ²	Lead, Total	Mercury, Total	Selenium, Total	Silver, Total	
Sample ID	Sample Depth (feet bgs)	Sample Date	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			
WI Soil BTV:				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.3	364	1	44	52	NS	NS	NS		
WI Soil GW Pathways DF 2:				NS	NS	NS	NS	196.949	NS	0.47	0.4781	NS	NS	0.1442	NS	88.8778	14.8299	NS	0.6582	NS	54.5455	0.584	164.8	0.752	360,000	27	0.208	0.52	0.8491	
WI Soil Industrial 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	8.3	100,000	985	100,000	800	3.13	5,840	5,840	
WI Soil Non-Industrial RCLs:				<u>17.6</u>	<u>239</u>	<u>3,590</u>	<u>NS</u>	<u>17,900</u>	<u>1.14</u>	<u>0.115</u>	<u>1.15</u>	<u>NS</u>	<u>11.5</u>	<u>115</u>	<u>0.115</u>	<u>2,390</u>	<u>2,390</u>	<u>1.15</u>	<u>5.52</u>	<u>NS</u>	<u>1,790</u>	<u>8.3</u>	<u>15,300</u>	<u>71.1</u>	<u>100,000</u>	<u>400</u>	<u>3.13</u>	<u>391</u>	<u>391</u>	
MW-11	MW-11 (0-4)	0-4	09/20/2021	0.014 J	0.014 J	0.012 J	0.0062 J	0.032 J	0.120	0.170	0.260	0.065	0.085	0.160	0.020 J	0.300	0.013 J	0.063	0.016 J	0.160	0.230	2.2	58 B	0.50 B	16	47	0.064	<0.80	0.21 J	
MW-12	MW-12 (2-4)	2-4	09/20/2021	0.011 J	0.0092 J	<0.0082	<0.0060	<0.0076	0.036 J	0.045	0.052	<0.015	0.017 J	0.039 J	<0.0088	0.065	<0.0064	0.017 J	<0.0070	0.043 J	0.055	3.8	99 B	0.48 B	23	21	0.11	0.82 J	0.22 J	
SB-100	SB-100 (2-4)	2-4	09/20/2021	0.013 J	0.016 J	<0.0071	<0.0052	0.013 J	0.033 J	0.037 J	0.055	0.019 J	0.023 J	0.044	<0.0077	0.071	<0.0056	0.018 J	0.014 J	0.059	0.057	--	--	--	--	--	--	--	--	
SB-105	SB-105 (2-4)	2-4	09/21/2021	0.099	0.170	0.014 J	0.047	0.067	0.110	0.160	<0.0097	0.085	<0.013	0.120	<0.0087	0.200	0.052	0.073	0.220	0.230	0.370	--	--	--	--	--	--	--	--	
SB-106	SB-106 (2-4)	2-4	09/21/2021	<0.058	0.049 J	<0.043	<0.031	<0.040	<0.032	0.046	<0.051	<0.077	<0.070	<0.065	<0.046	0.140 J	0.051 J	<0.062	0.054 J	0.100 J	0.260	--	--	--	--	--	--	--	--	
SB-107	SB-107 (2-4)	2-4	09/21/2021	0.019 J	0.022 J	<0.0075	0.0088 J	0.027 J	0.085	0.100	0.140	0.036 J	0.047	0.097	<0.0080	0.190	0.0093 J	0.028 J	0.017 J	0.110	0.170	--	--	--	--	--	--	--	--	
SB-108	SB-108 (2-4)	2-4	09/21/2021	<0.011	<0.0079	<0.0078	<0.0057	<0.0072	0.0088 J	<0.0084	0.014 J	<0.014	<0.013	<0.012	<0.0083	0.019	<0.0061	<0.011	<0.0066	0.020 J	0.018 J	--	--	--	--	--	--	--	--	
Total Number of Samples Analyzed:				7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	2	2	2	2	2	2	2	2		
Number of Detections:				5	6	2	3	4	6	7	5	4	4	5	1	7	4	7	7	7	2	2	2	2	2	2	1	2		
Min:				0.011	0.0092	0.012	0.0062	0.013	0.0088	0.037	0.014	0.019	0.017	0.039	0.02	0.019	0.0093	0.017	0.014	0.02	0.018	2.2	58	0.48	16	21	0.064	0.82	0.21	
Max:				0.099	0.17	0.014	0.047	0.067	0.12	0.17	0.26	0.085	0.085	0.16	0.02	0.3	0.052	0.073	0.22	0.23	0.37	3.8	99	0.5	23	47	0.11	0.82	0.22	
WI Soil BTV:				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.3	364	1	44	52	NS	NS	NS	
Number of Samples that Exceed WI Soil BTV SL:				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 GW Pathways DF 2:				NS	NS	NS	NS	196.949	NS	0.47	0.4781	NS	NS	0.1442	NS	88.8778	14.8299	NS	0.6582	NS	54.5455	0.584	164.8	0.752	360,000	27	0.208	0.52	0.8491	
Number of Samples that Exceed WI Soil GW Pathways DF 2 SL:				0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	0
WI Soil Industrial 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	8.3	100,000	985	100,000	800	3.13	5,840	5,840	
Number of Samples that Exceed WI Soil Industrial RCLs SL:				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 Non-Industrial 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	8.3	15,300	71.1	100,000	400	3.13	391	391	
Number of Samples that Exceed WI Soil Non-Industrial RCLs SL:				0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[O: LDH 10/06/2021; C:MGP 10/6/21]

Notes:

<i>Italic</i>	exceeds the Soil-to-Groundwater Pathway RCL (DF 2)
Bold	exceeds the WI Soil Industrial DC RCLs
<u>Underline</u>	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.

Metal results below the WDNR BTV are not treated as an exceedance of the Direct Contact RCL.

Results & Flags:

- = Analysis not performed
- < = Concentration is less than reported limit
- J = Estimated Concentration
- B = Compound was found in method blank and sample

Acronyms:

- BGS = Below ground surface
- BRRTS = Bureau for Remediation and Redevelopment Tracking System
- BTV = Background Threshold Value
- DC (or D-C) = Direct-Contact
- DF 2 = Dilution Factor of 2
- FID = facility identification number
- mg/kg = milligrams per kilogram
- NS = No Standard
- PAH = Polycyclic Aromatic Hydrocarbon
- RCL = Soil Residual Contaminant Level
- USGS = United States Geological Survey
- WDNR = Wisconsin Department of Natural Resources
- WI = Wisconsin

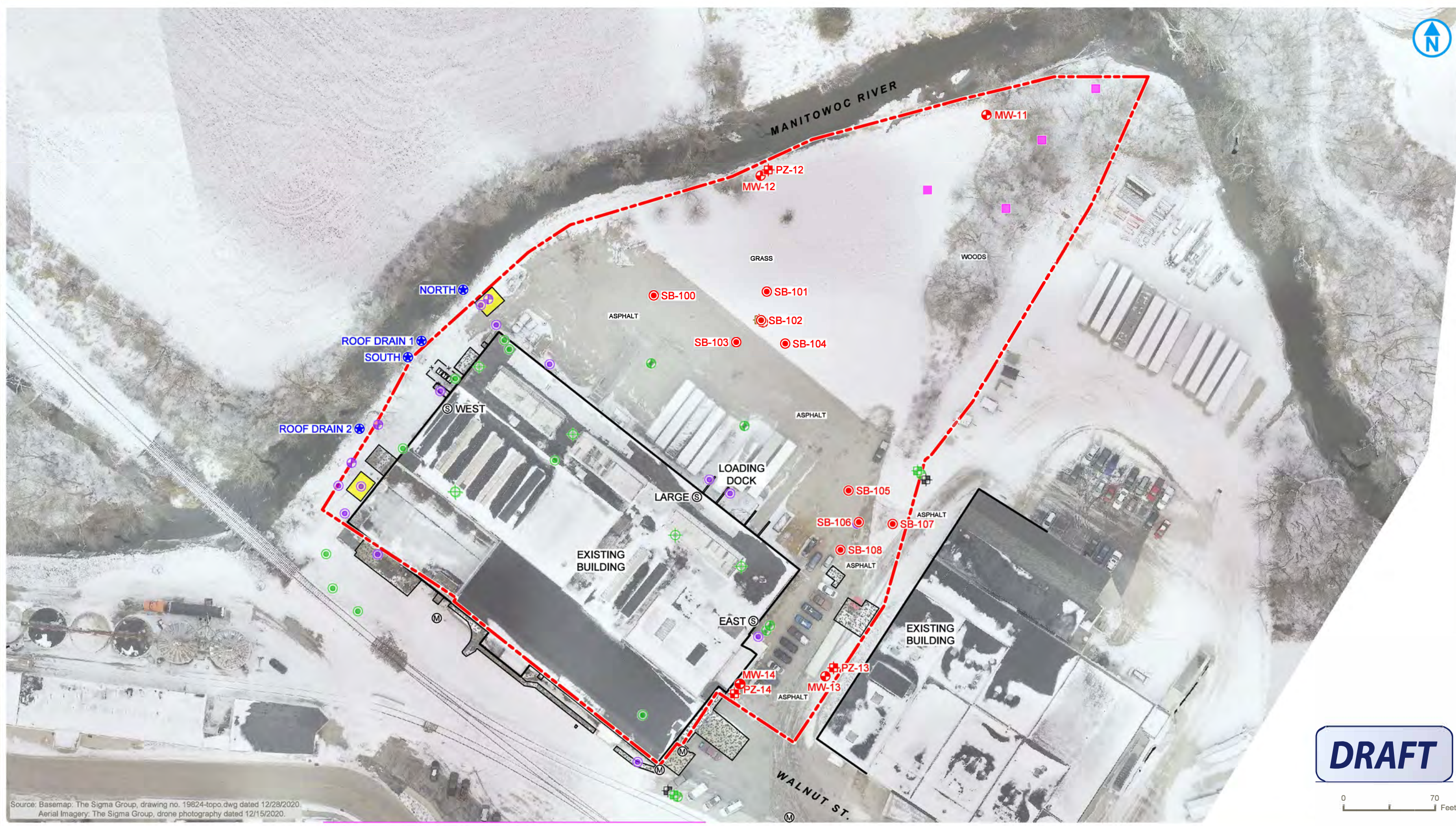
Screening Levels:

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). Background Threshold Values (BTV) are non-outlier trace element maximum levels in Wisconsin surface soils from the USGS Report at: <http://pubs.usgs.gov/sir/2011/5202>.

Superscript Notes:

- The Cadmium (Diet) Direct Contact RCL was used.
- The Total Chromium Groundwater Pathway RCL and the Chromium(III) Direct Contact RCLs were used.

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



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

DRAFT

LEGEND

- - - PROPERTY BOUNDARY
- + GROUNDWATER MONITORING WELL (INSTALLED BY SEH)
- + GROUNDWATER MONITORING WELL (INSTALLED BY TEMCO)
- SOIL BORING (INSTALLED BY SEH)
- SOIL BORING (INSTALLED BY TEMCO)
- ⊕ TEMPORARY WELL (INSTALLED BY SEH)
- ⊕ PIEZOMETER (INSTALLED BY OMNNI/WDNR)
- ⊕ PIEZOMETER (INSTALLED BY SEH)
- SURFACE SOIL SAMPLE (INSTALLED BY STANTEC)
- ⊕ OUTFALL
- ⊙ SUMP PIT
- M MANHOLE
- TRANSFORMER
- CHAIN LINK FENCE
- CONCRETE AREA
- EXCAVATION LIMITS (COMPLETED BY SEH)
- SOIL BORING (APPROXIMATE)
- ⊕ MONITORING WELL (APPROXIMATE)
- ⊕ PIEZOMETER (APPROXIMATE)

SOIL BORING AND MONITORING WELL LOCATIONS

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

FIGURE 1

RAMBOLL US CONSULTING, INC.
 A RAMBOLL COMPANY



ANALYTICAL REPORT

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

Laboratory Job ID: 500-205623-1

Client Project/Site: Former Mirro 20 - Chilton 1690019558

For:

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

Attn: Susan Petrofske



Authorized for release by:
10/1/2021 1:33:58 PM

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

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

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Case Narrative

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

Job ID: 500-205623-1

Job ID: 500-205623-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-205623-1

Comments

No additional comments.

Receipt

The samples were received on 9/23/2021 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.8° C.

GC/MS VOA

Method 8260B: The matrix spike/ matrix spike duplicate (MS/MSD) for the following sample was analyzed outside the 12 hour tune window. No further action was taken.(500-205623-A-1-A MS) and (500-205623-A-1-A MSD)

Method 8260B: The laboratory control sample (LCS) for 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069, 500-620069 and 500-620069 recovered outside control limits for the many analytes. This is a prepped 5035 LCS. The daily instrument LCS was acceptable, and the data has been reported. SB-100 (2-4) (500-205623-1), MW-12 (2-4) (500-205623-2), MW-11 (0-4) (500-205623-3), SB-101 (2-4) (500-205623-4), SB-102 (2-4) (500-205623-5), SB-104 (2-4) (500-205623-6), SB-103 (1.5-3.5) (500-205623-7), SB-106 (2-4) (500-205623-8), SB-105 (2-4) (500-205623-9), SB-108 (2-4) (500-205623-10), SB-107 (2-4) (500-205623-11), PZ-13 (2-4) (500-205623-12), PZ-14 (2-4) (500-205623-13), PZ-14 (5-6) (500-205623-14) and Trip Blank (500-205623-15)

Method 8260B: The laboratory control sample (LCS) for 500-620804 recovered outside control limits for the following analytes: Bromomethane, chloroethane, and 1,2-Dibromo-3-Chloropropane. These analytes were biased high/low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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 continuing calibration verification (CCV) analyzed in batch 500-620612 was outside the method criteria for the following analyte(s): Benzo[a]pyrene. The affected analyte failed high in the CCV and is not detected (ND) in client samples. As indicated in the reference method, sample analysis may proceed.

Method 8270D: The following sample was diluted due to the nature of the sample matrix: SB-106 (2-4) (500-205623-8). Elevated reporting limits (RLs) are provided.

Method 8270D: Perylene-d12 Internal standard (ISTD) response for the following samples was outside of acceptance limits. The samples were run a second time with concurring results. Results with the highest ISTD recovery have been reported SB-105 (2-4) (500-205623-9).

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.

Organic Prep

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

Detection Summary

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

Job ID: 500-205623-1

Client Sample ID: SB-100 (2-4)

Lab Sample ID: 500-205623-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	13	J	39	6.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	33	J	39	5.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	37	J	39	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	55		39	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	19	J	39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	23	J	39	12	ug/Kg	1	☼	8270D	Total/NA
Chrysene	44		39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	71		39	7.4	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	18	J	39	10	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	14	J	39	6.1	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	59		39	5.5	ug/Kg	1	☼	8270D	Total/NA
Pyrene	57		39	7.9	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	13	J	80	9.7	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	16	J	80	7.3	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: MW-12 (2-4)

Lab Sample ID: 500-205623-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	36	J	45	6.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	45		45	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	52		45	9.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	17	J	45	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	39	J	45	12	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	65		45	8.5	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	45	12	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	43	J	45	6.4	ug/Kg	1	☼	8270D	Total/NA
Pyrene	55		45	9.1	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene	11	J	92	11	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	9.2	J	92	8.4	ug/Kg	1	☼	8270D	Total/NA
Arsenic	3.8		1.2	0.42	mg/Kg	1	☼	6010B	Total/NA
Barium	99	B	1.2	0.14	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48	B	0.24	0.044	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		1.2	0.60	mg/Kg	1	☼	6010B	Total/NA
Lead	21		0.61	0.28	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.82	J	1.2	0.72	mg/Kg	1	☼	6010B	Total/NA
Silver	0.22	J	0.61	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	110		22	7.4	ug/Kg	1	☼	7471B	Total/NA

Client Sample ID: MW-11 (0-4)

Lab Sample ID: 500-205623-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	12	J	45	8.1	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	6.2	J	45	5.9	ug/Kg	1	☼	8270D	Total/NA
Anthracene	32	J	45	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	120		45	6.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	170		45	8.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	260		45	9.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	65		45	14	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	85		45	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	160		45	12	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	20	J	45	8.7	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	300		45	8.3	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 20 - Chilton 1690019558

Job ID: 500-205623-1

Client Sample ID: MW-11 (0-4) (Continued)

Lab Sample ID: 500-205623-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	13	J	45	6.3	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	63		45	12	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	16	J	45	6.9	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	160		45	6.3	ug/Kg	1	☒	8270D	Total/NA
Pyrene	230		45	8.9	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	14	J	91	11	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	14	J	91	8.3	ug/Kg	1	☒	8270D	Total/NA
Arsenic	2.2		1.4	0.47	mg/Kg	1	☒	6010B	Total/NA
Barium	58	B	1.4	0.16	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.50	B	0.27	0.049	mg/Kg	1	☒	6010B	Total/NA
Chromium	16		1.4	0.68	mg/Kg	1	☒	6010B	Total/NA
Lead	47		0.68	0.32	mg/Kg	1	☒	6010B	Total/NA
Silver	0.21	J	0.68	0.18	mg/Kg	1	☒	6010B	Total/NA
Mercury	64		21	7.0	ug/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-101 (2-4)

Lab Sample ID: 500-205623-4

No Detections.

Client Sample ID: SB-102 (2-4)

Lab Sample ID: 500-205623-5

No Detections.

Client Sample ID: SB-104 (2-4)

Lab Sample ID: 500-205623-6

No Detections.

Client Sample ID: SB-103 (1.5-3.5)

Lab Sample ID: 500-205623-7

No Detections.

Client Sample ID: SB-106 (2-4)

Lab Sample ID: 500-205623-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	15	J	23	14	ug/Kg	50	☒	8260B	Total/NA
Fluoranthene	140	J	240	44	ug/Kg	5	☒	8270D	Total/NA
Fluorene	51	J	240	33	ug/Kg	5	☒	8270D	Total/NA
Naphthalene	54	J	240	37	ug/Kg	5	☒	8270D	Total/NA
Phenanthrene	100	J	240	33	ug/Kg	5	☒	8270D	Total/NA
Pyrene	260		240	47	ug/Kg	5	☒	8270D	Total/NA
2-Methylnaphthalene	49	J	480	44	ug/Kg	5	☒	8270D	Total/NA

Client Sample ID: SB-105 (2-4)

Lab Sample ID: 500-205623-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	39		23	13	ug/Kg	50	☒	8260B	Total/NA
Ethylbenzene	18	J	23	17	ug/Kg	50	☒	8260B	Total/NA
Naphthalene	35	J	90	30	ug/Kg	50	☒	8260B	Total/NA
Toluene	61		23	13	ug/Kg	50	☒	8260B	Total/NA
Xylenes, Total	110		45	20	ug/Kg	50	☒	8260B	Total/NA
Acenaphthene	14	J	45	8.1	ug/Kg	1	☒	8270D	Total/NA
Acenaphthylene	47		45	5.9	ug/Kg	1	☒	8270D	Total/NA
Anthracene	67		45	7.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	110		45	6.1	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	160	*3	45	8.7	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 20 - Chilton 1690019558

Job ID: 500-205623-1

Client Sample ID: SB-105 (2-4) (Continued)

Lab Sample ID: 500-205623-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	85	*3	45	15	ug/Kg	1	☒	8270D	Total/NA
Chrysene	120		45	12	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	200		45	8.4	ug/Kg	1	☒	8270D	Total/NA
Fluorene	52		45	6.3	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	73	*3	45	12	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	220		45	6.9	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	230		45	6.3	ug/Kg	1	☒	8270D	Total/NA
Pyrene	370		45	8.9	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	99		91	11	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	170		91	8.3	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: SB-108 (2-4)

Lab Sample ID: 500-205623-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	8.8	J	43	5.8	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	14	J	43	9.3	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	19	J	43	8.0	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	20	J	43	6.0	ug/Kg	1	☒	8270D	Total/NA
Pyrene	18	J	43	8.6	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: SB-107 (2-4)

Lab Sample ID: 500-205623-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	8.8	J	41	5.5	ug/Kg	1	☒	8270D	Total/NA
Anthracene	27	J	41	7.0	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	85		41	5.6	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	100		41	8.1	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	140		41	9.0	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	36	J	41	13	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	47		41	12	ug/Kg	1	☒	8270D	Total/NA
Chrysene	97		41	11	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	190		41	7.7	ug/Kg	1	☒	8270D	Total/NA
Fluorene	9.3	J	41	5.9	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	28	J	41	11	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	17	J	41	6.4	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	110		41	5.8	ug/Kg	1	☒	8270D	Total/NA
Pyrene	170		41	8.3	ug/Kg	1	☒	8270D	Total/NA
1-Methylnaphthalene	19	J	84	10	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	22	J	84	7.7	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: PZ-13 (2-4)

Lab Sample ID: 500-205623-12

No Detections.

Client Sample ID: PZ-14 (2-4)

Lab Sample ID: 500-205623-13

No Detections.

Client Sample ID: PZ-14 (5-6)

Lab Sample ID: 500-205623-14

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 500-205623-15

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

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

Job ID: 500-205623-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471B	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI
3541	Automated Soxhlet Extraction	SW846	TAL CHI
5035	Closed System Purge and Trap	SW846	TAL CHI
7471B	Preparation, Mercury	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

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

Job ID: 500-205623-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-205623-1	SB-100 (2-4)	Solid	09/20/21 11:25	09/23/21 10:10
500-205623-2	MW-12 (2-4)	Solid	09/20/21 13:20	09/23/21 10:10
500-205623-3	MW-11 (0-4)	Solid	09/20/21 14:30	09/23/21 10:10
500-205623-4	SB-101 (2-4)	Solid	09/21/21 09:20	09/23/21 10:10
500-205623-5	SB-102 (2-4)	Solid	09/21/21 09:35	09/23/21 10:10
500-205623-6	SB-104 (2-4)	Solid	09/21/21 09:45	09/23/21 10:10
500-205623-7	SB-103 (1.5-3.5)	Solid	09/21/21 10:00	09/23/21 10:10
500-205623-8	SB-106 (2-4)	Solid	09/21/21 10:20	09/23/21 10:10
500-205623-9	SB-105 (2-4)	Solid	09/21/21 10:40	09/23/21 10:10
500-205623-10	SB-108 (2-4)	Solid	09/21/21 11:00	09/23/21 10:10
500-205623-11	SB-107 (2-4)	Solid	09/21/21 11:10	09/23/21 10:10
500-205623-12	PZ-13 (2-4)	Solid	09/21/21 12:00	09/23/21 10:10
500-205623-13	PZ-14 (2-4)	Solid	09/22/21 09:45	09/23/21 10:10
500-205623-14	PZ-14 (5-6)	Solid	09/22/21 09:50	09/23/21 10:10
500-205623-15	Trip Blank	Solid	09/20/21 00:00	09/23/21 10:10

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Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-100 (2-4)

Lab Sample ID: 500-205623-1

Date Collected: 09/20/21 11:25

Matrix: Solid

Date Received: 09/23/21 10:10

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	☼	09/20/21 11:25	09/29/21 14:18	50
Bromobenzene	<25		71	25	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Bromochloromethane	<30		71	30	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Bromodichloromethane	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Bromoform	<34		71	34	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Bromomethane	<57	*+	210	57	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
2-Butanone (MEK)	<150		360	150	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Carbon tetrachloride	<27	*+	71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Chlorobenzene	<27		71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Chloroethane	<36	*+	71	36	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Chloroform	<26		140	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Chloromethane	<23		71	23	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
2-Chlorotoluene	<22		71	22	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
4-Chlorotoluene	<25		71	25	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
cis-1,2-Dichloroethene	<29		71	29	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
cis-1,3-Dichloropropene	<30		71	30	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Dibromochloromethane	<35		71	35	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2-Dibromo-3-Chloropropane	<140	*-	360	140	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2-Dibromoethane	<27		71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Dibromomethane	<19		71	19	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2-Dichlorobenzene	<24		71	24	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,3-Dichlorobenzene	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,4-Dichlorobenzene	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Dichlorodifluoromethane	<48		210	48	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1-Dichloroethane	<29		71	29	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2-Dichloroethane	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1-Dichloroethene	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2-Dichloropropane	<30		71	30	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,3-Dichloropropane	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
2,2-Dichloropropane	<32	*+	71	32	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1-Dichloropropene	<21		71	21	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Ethylbenzene	<13		18	13	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Hexachlorobutadiene	<32		71	32	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Isopropylbenzene	<27		71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Isopropyl ether	<20		71	20	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Methylene Chloride	<120		360	120	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Methyl tert-butyl ether	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Naphthalene	<24		71	24	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
n-Butylbenzene	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
N-Propylbenzene	<29		71	29	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
p-Isopropyltoluene	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
sec-Butylbenzene	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Styrene	<27		71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
tert-Butylbenzene	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1,1,2-Tetrachloroethane	<33		71	33	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1,2,2-Tetrachloroethane	<28		71	28	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Tetrachloroethene	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Toluene	<10		18	10	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
trans-1,2-Dichloroethene	<25		71	25	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-100 (2-4)

Lab Sample ID: 500-205623-1

Date Collected: 09/20/21 11:25

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<26		71	26	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2,3-Trichlorobenzene	<33		71	33	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2,4-Trichlorobenzene	<24		71	24	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1,1-Trichloroethane	<27	+	71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,1,2-Trichloroethane	<25		71	25	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Trichloroethene	<12		36	12	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Trichlorofluoromethane	<30	+	71	30	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,2,4-Trimethylbenzene	<25		71	25	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
1,3,5-Trimethylbenzene	<27		71	27	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Vinyl chloride	<19		71	19	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50
Xylenes, Total	<16		36	16	ug/Kg	☼	09/20/21 11:25	09/29/21 14:18	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124	09/20/21 11:25	09/29/21 14:18	50
Dibromofluoromethane (Surr)	91		75 - 120	09/20/21 11:25	09/29/21 14:18	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/20/21 11:25	09/29/21 14:18	50
Toluene-d8 (Surr)	89		75 - 120	09/20/21 11:25	09/29/21 14:18	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	☼	09/24/21 18:00	09/27/21 13:03	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Anthracene	13	J	39	6.6	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Benzo[a]anthracene	33	J	39	5.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Benzo[a]pyrene	37	J	39	7.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Benzo[b]fluoranthene	55		39	8.6	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Benzo[g,h,i]perylene	19	J	39	13	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Benzo[k]fluoranthene	23	J	39	12	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Chrysene	44		39	11	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Fluoranthene	71		39	7.4	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Indeno[1,2,3-cd]pyrene	18	J	39	10	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Naphthalene	14	J	39	6.1	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Phenanthrene	59		39	5.5	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
Pyrene	57		39	7.9	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
1-Methylnaphthalene	13	J	80	9.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1
2-Methylnaphthalene	16	J	80	7.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		37 - 147	09/24/21 18:00	09/27/21 13:03	1
Terphenyl-d14 (Surr)	79		42 - 157	09/24/21 18:00	09/27/21 13:03	1
2-Fluorobiphenyl (Surr)	80		43 - 145	09/24/21 18:00	09/27/21 13:03	1

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-12 (2-4)

Lab Sample ID: 500-205623-2

Date Collected: 09/20/21 13:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 70.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		23	13	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Bromobenzene	<32		91	32	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Bromochloromethane	<39		91	39	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Bromodichloromethane	<34		91	34	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Bromoform	<44		91	44	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Bromomethane	<72	*+	270	72	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
2-Butanone (MEK)	<190		450	190	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Carbon tetrachloride	<35	*+	91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Chlorobenzene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Chloroethane	<46	*+	91	46	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Chloroform	<34		180	34	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Chloromethane	<29		91	29	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
2-Chlorotoluene	<29		91	29	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
4-Chlorotoluene	<32		91	32	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
cis-1,2-Dichloroethene	<37		91	37	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
cis-1,3-Dichloropropene	<38		91	38	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Dibromochloromethane	<44		91	44	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2-Dibromo-3-Chloropropane	<180	*-	450	180	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2-Dibromoethane	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Dibromomethane	<25		91	25	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2-Dichlorobenzene	<30		91	30	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,3-Dichlorobenzene	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,4-Dichlorobenzene	<33		91	33	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Dichlorodifluoromethane	<61		270	61	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1-Dichloroethane	<37		91	37	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2-Dichloroethane	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1-Dichloroethene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2-Dichloropropane	<39		91	39	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,3-Dichloropropane	<33		91	33	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
2,2-Dichloropropane	<40	*+	91	40	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1-Dichloropropene	<27		91	27	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Ethylbenzene	<17		23	17	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Hexachlorobutadiene	<41		91	41	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Isopropylbenzene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Isopropyl ether	<25		91	25	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Methylene Chloride	<150		450	150	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Methyl tert-butyl ether	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Naphthalene	<30		91	30	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
n-Butylbenzene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
N-Propylbenzene	<38		91	38	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
p-Isopropyltoluene	<33		91	33	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
sec-Butylbenzene	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Styrene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
tert-Butylbenzene	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1,1,2-Tetrachloroethane	<42		91	42	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1,2,2-Tetrachloroethane	<36		91	36	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Tetrachloroethene	<34		91	34	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Toluene	<13		23	13	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
trans-1,2-Dichloroethene	<32		91	32	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-12 (2-4)

Lab Sample ID: 500-205623-2

Date Collected: 09/20/21 13:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 70.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<33		91	33	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2,3-Trichlorobenzene	<42		91	42	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2,4-Trichlorobenzene	<31		91	31	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1,1-Trichloroethane	<35	+	91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,1,2-Trichloroethane	<32		91	32	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Trichloroethene	<15		45	15	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Trichlorofluoromethane	<39	+	91	39	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2,3-Trichloropropane	<38		180	38	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,2,4-Trimethylbenzene	<33		91	33	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
1,3,5-Trimethylbenzene	<35		91	35	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Vinyl chloride	<24		91	24	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50
Xylenes, Total	<20		45	20	ug/Kg	☼	09/20/21 13:20	09/29/21 14:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124	09/20/21 13:20	09/29/21 14:43	50
Dibromofluoromethane (Surr)	93		75 - 120	09/20/21 13:20	09/29/21 14:43	50
1,2-Dichloroethane-d4 (Surr)	107		75 - 126	09/20/21 13:20	09/29/21 14:43	50
Toluene-d8 (Surr)	89		75 - 120	09/20/21 13:20	09/29/21 14:43	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<8.2		45	8.2	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Acenaphthylene	<6.0		45	6.0	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Anthracene	<7.6		45	7.6	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Benzo[a]anthracene	36	J	45	6.1	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Benzo[a]pyrene	45		45	8.8	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Benzo[b]fluoranthene	52		45	9.9	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Benzo[g,h,i]perylene	<15		45	15	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Benzo[k]fluoranthene	17	J	45	13	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Chrysene	39	J	45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Dibenz(a,h)anthracene	<8.8		45	8.8	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Fluoranthene	65		45	8.5	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Fluorene	<6.4		45	6.4	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Indeno[1,2,3-cd]pyrene	17	J	45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Naphthalene	<7.0		45	7.0	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Phenanthrene	43	J	45	6.4	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
Pyrene	55		45	9.1	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
1-Methylnaphthalene	11	J	92	11	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1
2-Methylnaphthalene	9.2	J	92	8.4	ug/Kg	☼	09/24/21 18:00	09/27/21 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	66		37 - 147	09/24/21 18:00	09/27/21 13:27	1
Terphenyl-d14 (Surr)	81		42 - 157	09/24/21 18:00	09/27/21 13:27	1
2-Fluorobiphenyl (Surr)	77		43 - 145	09/24/21 18:00	09/27/21 13:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.2	0.42	mg/Kg	☼	09/28/21 11:11	09/29/21 21:15	1
Barium	99	B	1.2	0.14	mg/Kg	☼	09/28/21 11:11	09/29/21 21:15	1
Cadmium	0.48	B	0.24	0.044	mg/Kg	☼	09/28/21 11:11	09/29/21 21:15	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-12 (2-4)

Lab Sample ID: 500-205623-2

Date Collected: 09/20/21 13:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 70.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	23		1.2	0.60	mg/Kg	⊛	09/28/21 11:11	09/29/21 21:15	1
Lead	21		0.61	0.28	mg/Kg	⊛	09/28/21 11:11	09/29/21 21:15	1
Selenium	0.82	J	1.2	0.72	mg/Kg	⊛	09/28/21 11:11	09/29/21 21:15	1
Silver	0.22	J	0.61	0.16	mg/Kg	⊛	09/28/21 11:11	09/29/21 21:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	110		22	7.4	ug/Kg	⊛	09/30/21 13:05	10/01/21 08:38	1



Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-11 (0-4)

Lab Sample ID: 500-205623-3

Date Collected: 09/20/21 14:30

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		22	13	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Bromobenzene	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Bromochloromethane	<38		89	38	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Bromodichloromethane	<33		89	33	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Bromoform	<43		89	43	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Bromomethane	<71	+	270	71	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
2-Butanone (MEK)	<190		440	190	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Carbon tetrachloride	<34	+	89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Chlorobenzene	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Chloroethane	<45	+	89	45	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Chloroform	<33		180	33	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Chloromethane	<28		89	28	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
2-Chlorotoluene	<28		89	28	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
4-Chlorotoluene	<31		89	31	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
cis-1,2-Dichloroethene	<36		89	36	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
cis-1,3-Dichloropropene	<37		89	37	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Dibromochloromethane	<43		89	43	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2-Dibromo-3-Chloropropane	<180	-	440	180	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2-Dibromoethane	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Dibromomethane	<24		89	24	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2-Dichlorobenzene	<30		89	30	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,3-Dichlorobenzene	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,4-Dichlorobenzene	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1-Dichloroethane	<36		89	36	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2-Dichloroethane	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1-Dichloroethene	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2-Dichloropropane	<38		89	38	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,3-Dichloropropane	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
2,2-Dichloropropane	<39	+	89	39	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1-Dichloropropene	<26		89	26	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Ethylbenzene	<16		22	16	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Hexachlorobutadiene	<40		89	40	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Isopropylbenzene	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Isopropyl ether	<24		89	24	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Methylene Chloride	<140		440	140	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Methyl tert-butyl ether	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Naphthalene	<30		89	30	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
n-Butylbenzene	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
N-Propylbenzene	<37		89	37	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
p-Isopropyltoluene	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
sec-Butylbenzene	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Styrene	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
tert-Butylbenzene	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1,1,2-Tetrachloroethane	<41		89	41	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1,2,2-Tetrachloroethane	<35		89	35	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Tetrachloroethene	<33		89	33	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Toluene	<13		22	13	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
trans-1,2-Dichloroethene	<31		89	31	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-11 (0-4)

Lab Sample ID: 500-205623-3

Date Collected: 09/20/21 14:30

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2,3-Trichlorobenzene	<41		89	41	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2,4-Trichlorobenzene	<30		89	30	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1,1-Trichloroethane	<34	+	89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,1,2-Trichloroethane	<31		89	31	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Trichloroethene	<15		44	15	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Trichlorofluoromethane	<38	+	89	38	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,2,4-Trimethylbenzene	<32		89	32	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
1,3,5-Trimethylbenzene	<34		89	34	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Vinyl chloride	<23		89	23	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50
Xylenes, Total	<20		44	20	ug/Kg	☼	09/20/21 14:30	09/29/21 15:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124	09/20/21 14:30	09/29/21 15:08	50
Dibromofluoromethane (Surr)	94		75 - 120	09/20/21 14:30	09/29/21 15:08	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/20/21 14:30	09/29/21 15:08	50
Toluene-d8 (Surr)	88		75 - 120	09/20/21 14:30	09/29/21 15:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	12	J	45	8.1	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Acenaphthylene	6.2	J	45	5.9	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Anthracene	32	J	45	7.5	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Benzo[a]anthracene	120		45	6.0	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Benzo[a]pyrene	170		45	8.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Benzo[b]fluoranthene	260		45	9.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Benzo[g,h,i]perylene	65		45	14	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Benzo[k]fluoranthene	85		45	13	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Chrysene	160		45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Dibenz(a,h)anthracene	20	J	45	8.7	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Fluoranthene	300		45	8.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Fluorene	13	J	45	6.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Indeno[1,2,3-cd]pyrene	63		45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Naphthalene	16	J	45	6.9	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Phenanthrene	160		45	6.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
Pyrene	230		45	8.9	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
1-Methylnaphthalene	14	J	91	11	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1
2-Methylnaphthalene	14	J	91	8.3	ug/Kg	☼	09/24/21 18:00	09/27/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		37 - 147	09/24/21 18:00	09/27/21 13:50	1
Terphenyl-d14 (Surr)	83		42 - 157	09/24/21 18:00	09/27/21 13:50	1
2-Fluorobiphenyl (Surr)	79		43 - 145	09/24/21 18:00	09/27/21 13:50	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		1.4	0.47	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1
Barium	58	B	1.4	0.16	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1
Cadmium	0.50	B	0.27	0.049	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: MW-11 (0-4)

Lab Sample ID: 500-205623-3

Date Collected: 09/20/21 14:30

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 72.2

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	16		1.4	0.68	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1
Lead	47		0.68	0.32	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1
Selenium	<0.80		1.4	0.80	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1
Silver	0.21	J	0.68	0.18	mg/Kg	☼	09/28/21 11:11	09/29/21 21:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	64		21	7.0	ug/Kg	☼	09/30/21 13:05	10/01/21 08:40	1



Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-101 (2-4)

Lab Sample ID: 500-205623-4

Date Collected: 09/21/21 09:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		22	13	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Bromobenzene	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Bromochloromethane	<37		86	37	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Bromodichloromethane	<32		86	32	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Bromoform	<42		86	42	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Bromomethane	<69	+	260	69	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
2-Butanone (MEK)	<180		430	180	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Carbon tetrachloride	<33	+	86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Chlorobenzene	<33		86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Chloroethane	<44	+	86	44	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Chloroform	<32		170	32	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Chloromethane	<28		86	28	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
2-Chlorotoluene	<27		86	27	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
4-Chlorotoluene	<30		86	30	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
cis-1,2-Dichloroethene	<35		86	35	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
cis-1,3-Dichloropropene	<36		86	36	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Dibromochloromethane	<42		86	42	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2-Dibromo-3-Chloropropane	<170	*-	430	170	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2-Dibromoethane	<33		86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Dibromomethane	<23		86	23	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2-Dichlorobenzene	<29		86	29	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,3-Dichlorobenzene	<35		86	35	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,4-Dichlorobenzene	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Dichlorodifluoromethane	<58		260	58	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1-Dichloroethane	<35		86	35	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2-Dichloroethane	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1-Dichloroethene	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2-Dichloropropane	<37		86	37	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,3-Dichloropropane	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
2,2-Dichloropropane	<38	+	86	38	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1-Dichloropropene	<26		86	26	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Ethylbenzene	<16		22	16	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Hexachlorobutadiene	<39		86	39	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Isopropylbenzene	<33		86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Isopropyl ether	<24		86	24	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Methylene Chloride	<140		430	140	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Methyl tert-butyl ether	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Naphthalene	<29		86	29	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
n-Butylbenzene	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
N-Propylbenzene	<36		86	36	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
p-Isopropyltoluene	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
sec-Butylbenzene	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Styrene	<33		86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
tert-Butylbenzene	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1,1,2-Tetrachloroethane	<40		86	40	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1,2,2-Tetrachloroethane	<34		86	34	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Tetrachloroethene	<32		86	32	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Toluene	<13		22	13	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
trans-1,2-Dichloroethene	<30		86	30	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-101 (2-4)

Lab Sample ID: 500-205623-4

Date Collected: 09/21/21 09:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2,3-Trichlorobenzene	<40		86	40	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2,4-Trichlorobenzene	<30		86	30	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1,1-Trichloroethane	<33	*+	86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,1,2-Trichloroethane	<30		86	30	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Trichloroethene	<14		43	14	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Trichlorofluoromethane	<37	*+	86	37	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2,3-Trichloropropane	<36		170	36	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,2,4-Trimethylbenzene	<31		86	31	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
1,3,5-Trimethylbenzene	<33		86	33	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Vinyl chloride	<23		86	23	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50
Xylenes, Total	<19		43	19	ug/Kg	☼	09/21/21 09:20	09/29/21 15:33	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124	09/21/21 09:20	09/29/21 15:33	50
Dibromofluoromethane (Surr)	92		75 - 120	09/21/21 09:20	09/29/21 15:33	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/21/21 09:20	09/29/21 15:33	50
Toluene-d8 (Surr)	90		75 - 120	09/21/21 09:20	09/29/21 15:33	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-102 (2-4)

Lab Sample ID: 500-205623-5

Date Collected: 09/21/21 09:35

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Bromobenzene	<30		85	30	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Bromochloromethane	<36		85	36	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Bromodichloromethane	<32		85	32	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Bromoform	<41		85	41	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Bromomethane	<68	+	250	68	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
2-Butanone (MEK)	<180		420	180	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Carbon tetrachloride	<33	+	85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Chlorobenzene	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Chloroethane	<43	+	85	43	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Chloroform	<31		170	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Chloromethane	<27		85	27	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
2-Chlorotoluene	<27		85	27	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
4-Chlorotoluene	<30		85	30	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
cis-1,2-Dichloroethene	<35		85	35	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
cis-1,3-Dichloropropene	<35		85	35	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Dibromochloromethane	<41		85	41	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2-Dibromo-3-Chloropropane	<170	-	420	170	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2-Dibromoethane	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Dibromomethane	<23		85	23	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2-Dichlorobenzene	<28		85	28	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,3-Dichlorobenzene	<34		85	34	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,4-Dichlorobenzene	<31		85	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Dichlorodifluoromethane	<57		250	57	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1-Dichloroethane	<35		85	35	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2-Dichloroethane	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1-Dichloroethene	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2-Dichloropropane	<36		85	36	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,3-Dichloropropane	<31		85	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
2,2-Dichloropropane	<38	+	85	38	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1-Dichloropropene	<25		85	25	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Ethylbenzene	<16		21	16	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Hexachlorobutadiene	<38		85	38	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Isopropylbenzene	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Isopropyl ether	<23		85	23	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Methylene Chloride	<140		420	140	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Methyl tert-butyl ether	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Naphthalene	<28		85	28	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
n-Butylbenzene	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
N-Propylbenzene	<35		85	35	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
p-Isopropyltoluene	<31		85	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
sec-Butylbenzene	<34		85	34	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Styrene	<33		85	33	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
tert-Butylbenzene	<34		85	34	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1,1,2-Tetrachloroethane	<39		85	39	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1,2,2-Tetrachloroethane	<34		85	34	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Tetrachloroethene	<31		85	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Toluene	<12		21	12	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
trans-1,2-Dichloroethene	<30		85	30	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-102 (2-4)

Lab Sample ID: 500-205623-5

Date Collected: 09/21/21 09:35

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<31		85	31	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2,3-Trichlorobenzene	<39		85	39	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2,4-Trichlorobenzene	<29		85	29	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1,1-Trichloroethane	<32	*+	85	32	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,1,2-Trichloroethane	<30		85	30	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Trichloroethene	<14		42	14	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Trichlorofluoromethane	<36	*+	85	36	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,2,4-Trimethylbenzene	<30		85	30	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
1,3,5-Trimethylbenzene	<32		85	32	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Vinyl chloride	<22		85	22	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50
Xylenes, Total	<19		42	19	ug/Kg	✱	09/21/21 09:35	09/29/21 15:58	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	09/21/21 09:35	09/29/21 15:58	50
Dibromofluoromethane (Surr)	91		75 - 120	09/21/21 09:35	09/29/21 15:58	50
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	09/21/21 09:35	09/29/21 15:58	50
Toluene-d8 (Surr)	87		75 - 120	09/21/21 09:35	09/29/21 15:58	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-104 (2-4)

Lab Sample ID: 500-205623-6

Date Collected: 09/21/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		23	13	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Bromobenzene	<32		90	32	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Bromochloromethane	<39		90	39	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Bromodichloromethane	<34		90	34	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Bromoform	<44		90	44	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Bromomethane	<72	*+	270	72	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
2-Butanone (MEK)	<190		450	190	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Carbon tetrachloride	<35	*+	90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Chlorobenzene	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Chloroethane	<45	*+	90	45	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Chloroform	<33		180	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Chloromethane	<29		90	29	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
2-Chlorotoluene	<28		90	28	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
4-Chlorotoluene	<32		90	32	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
cis-1,2-Dichloroethene	<37		90	37	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
cis-1,3-Dichloropropene	<38		90	38	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Dibromochloromethane	<44		90	44	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2-Dibromo-3-Chloropropane	<180	*-	450	180	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2-Dibromoethane	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Dibromomethane	<24		90	24	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2-Dichlorobenzene	<30		90	30	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,3-Dichlorobenzene	<36		90	36	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,4-Dichlorobenzene	<33		90	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Dichlorodifluoromethane	<61		270	61	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1-Dichloroethane	<37		90	37	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2-Dichloroethane	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1-Dichloroethene	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2-Dichloropropane	<39		90	39	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,3-Dichloropropane	<33		90	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
2,2-Dichloropropane	<40	*+	90	40	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1-Dichloropropene	<27		90	27	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Ethylbenzene	<17		23	17	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Hexachlorobutadiene	<40		90	40	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Isopropylbenzene	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Isopropyl ether	<25		90	25	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Methylene Chloride	<150		450	150	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Methyl tert-butyl ether	<36		90	36	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Naphthalene	<30		90	30	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
n-Butylbenzene	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
N-Propylbenzene	<37		90	37	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
p-Isopropyltoluene	<33		90	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
sec-Butylbenzene	<36		90	36	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Styrene	<35		90	35	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
tert-Butylbenzene	<36		90	36	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1,1,2-Tetrachloroethane	<42		90	42	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1,2,2-Tetrachloroethane	<36		90	36	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Tetrachloroethene	<33		90	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Toluene	<13		23	13	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
trans-1,2-Dichloroethene	<32		90	32	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-104 (2-4)

Lab Sample ID: 500-205623-6

Date Collected: 09/21/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<33		90	33	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2,3-Trichlorobenzene	<41		90	41	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2,4-Trichlorobenzene	<31		90	31	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1,1-Trichloroethane	<34	*+	90	34	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,1,2-Trichloroethane	<32		90	32	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Trichloroethene	<15		45	15	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Trichlorofluoromethane	<39	*+	90	39	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,2,4-Trimethylbenzene	<32		90	32	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
1,3,5-Trimethylbenzene	<34		90	34	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Vinyl chloride	<24		90	24	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50
Xylenes, Total	<20		45	20	ug/Kg	☼	09/21/21 09:45	09/29/21 16:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	09/21/21 09:45	09/29/21 16:24	50
Dibromofluoromethane (Surr)	91		75 - 120	09/21/21 09:45	09/29/21 16:24	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/21/21 09:45	09/29/21 16:24	50
Toluene-d8 (Surr)	89		75 - 120	09/21/21 09:45	09/29/21 16:24	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-103 (1.5-3.5)

Lab Sample ID: 500-205623-7

Date Collected: 09/21/21 10:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		21	12	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Bromobenzene	<29		82	29	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Bromochloromethane	<35		82	35	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Bromodichloromethane	<31		82	31	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Bromoform	<40		82	40	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Bromomethane	<65	*+	250	65	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
2-Butanone (MEK)	<170		410	170	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Carbon tetrachloride	<31	*+	82	31	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Chlorobenzene	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Chloroethane	<41	*+	82	41	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Chloroform	<30		160	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Chloromethane	<26		82	26	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
2-Chlorotoluene	<26		82	26	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
4-Chlorotoluene	<29		82	29	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
cis-1,2-Dichloroethene	<33		82	33	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
cis-1,3-Dichloropropene	<34		82	34	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Dibromochloromethane	<40		82	40	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2-Dibromo-3-Chloropropane	<160	*-	410	160	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2-Dibromoethane	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Dibromomethane	<22		82	22	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2-Dichlorobenzene	<27		82	27	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,3-Dichlorobenzene	<33		82	33	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,4-Dichlorobenzene	<30		82	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Dichlorodifluoromethane	<55		250	55	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1-Dichloroethane	<34		82	34	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2-Dichloroethane	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1-Dichloroethene	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2-Dichloropropane	<35		82	35	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,3-Dichloropropane	<30		82	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
2,2-Dichloropropane	<36	*+	82	36	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1-Dichloropropene	<24		82	24	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Ethylbenzene	<15		21	15	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Hexachlorobutadiene	<37		82	37	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Isopropylbenzene	<31		82	31	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Isopropyl ether	<23		82	23	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Methylene Chloride	<130		410	130	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Methyl tert-butyl ether	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Naphthalene	<27		82	27	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
n-Butylbenzene	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
N-Propylbenzene	<34		82	34	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
p-Isopropyltoluene	<30		82	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
sec-Butylbenzene	<33		82	33	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Styrene	<32		82	32	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
tert-Butylbenzene	<33		82	33	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1,1,2-Tetrachloroethane	<38		82	38	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1,2,2-Tetrachloroethane	<33		82	33	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Tetrachloroethene	<30		82	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Toluene	<12		21	12	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
trans-1,2-Dichloroethene	<29		82	29	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50

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Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-103 (1.5-3.5)

Lab Sample ID: 500-205623-7

Date Collected: 09/21/21 10:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<30		82	30	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2,3-Trichlorobenzene	<38		82	38	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2,4-Trichlorobenzene	<28		82	28	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1,1-Trichloroethane	<31	*+	82	31	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,1,2-Trichloroethane	<29		82	29	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Trichloroethene	<13		41	13	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Trichlorofluoromethane	<35	*+	82	35	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,2,4-Trimethylbenzene	<29		82	29	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
1,3,5-Trimethylbenzene	<31		82	31	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Vinyl chloride	<21		82	21	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Xylenes, Total	<18		41	18	ug/Kg	☼	09/21/21 10:00	09/29/21 16:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124				09/21/21 10:00	09/29/21 16:49	50
Dibromofluoromethane (Surr)	92		75 - 120				09/21/21 10:00	09/29/21 16:49	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126				09/21/21 10:00	09/29/21 16:49	50
Toluene-d8 (Surr)	88		75 - 120				09/21/21 10:00	09/29/21 16:49	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-106 (2-4)

Lab Sample ID: 500-205623-8

Date Collected: 09/21/21 10:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 69.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	15	J	23	14	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Bromobenzene	<33		93	33	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Bromochloromethane	<40		93	40	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Bromodichloromethane	<35		93	35	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Bromoform	<45		93	45	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Bromomethane	<74	*+	280	74	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
2-Butanone (MEK)	<200		470	200	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Carbon tetrachloride	<36	*+	93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Chlorobenzene	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Chloroethane	<47	*+	93	47	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Chloroform	<35		190	35	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Chloromethane	<30		93	30	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
2-Chlorotoluene	<29		93	29	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
4-Chlorotoluene	<33		93	33	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
cis-1,2-Dichloroethene	<38		93	38	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
cis-1,3-Dichloropropene	<39		93	39	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Dibromochloromethane	<46		93	46	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2-Dibromo-3-Chloropropane	<190	*-	470	190	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2-Dibromoethane	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Dibromomethane	<25		93	25	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2-Dichlorobenzene	<31		93	31	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,3-Dichlorobenzene	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,4-Dichlorobenzene	<34		93	34	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Dichlorodifluoromethane	<63		280	63	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1-Dichloroethane	<38		93	38	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2-Dichloroethane	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1-Dichloroethene	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2-Dichloropropane	<40		93	40	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,3-Dichloropropane	<34		93	34	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
2,2-Dichloropropane	<41	*+	93	41	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1-Dichloropropene	<28		93	28	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Ethylbenzene	<17		23	17	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Hexachlorobutadiene	<42		93	42	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Isopropylbenzene	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Isopropyl ether	<26		93	26	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Methylene Chloride	<150		470	150	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Methyl tert-butyl ether	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Naphthalene	<31		93	31	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
n-Butylbenzene	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
N-Propylbenzene	<39		93	39	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
p-Isopropyltoluene	<34		93	34	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
sec-Butylbenzene	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Styrene	<36		93	36	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
tert-Butylbenzene	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1,1,2-Tetrachloroethane	<43		93	43	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1,2,2-Tetrachloroethane	<37		93	37	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Tetrachloroethene	<35		93	35	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Toluene	<14		23	14	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
trans-1,2-Dichloroethene	<33		93	33	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-106 (2-4)

Lab Sample ID: 500-205623-8

Date Collected: 09/21/21 10:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 69.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<34		93	34	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2,3-Trichlorobenzene	<43		93	43	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2,4-Trichlorobenzene	<32		93	32	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1,1-Trichloroethane	<35	*+	93	35	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,1,2-Trichloroethane	<33		93	33	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Trichloroethene	<15		47	15	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Trichlorofluoromethane	<40	*+	93	40	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,2,4-Trimethylbenzene	<33		93	33	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
1,3,5-Trimethylbenzene	<35		93	35	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Vinyl chloride	<24		93	24	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50
Xylenes, Total	<21		47	21	ug/Kg	☼	09/21/21 10:20	09/29/21 17:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124	09/21/21 10:20	09/29/21 17:14	50
Dibromofluoromethane (Surr)	90		75 - 120	09/21/21 10:20	09/29/21 17:14	50
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	09/21/21 10:20	09/29/21 17:14	50
Toluene-d8 (Surr)	90		75 - 120	09/21/21 10:20	09/29/21 17:14	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<43		240	43	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Acenaphthylene	<31		240	31	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Anthracene	<40		240	40	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Benzo[a]anthracene	<32		240	32	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Benzo[a]pyrene	<46		240	46	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Benzo[b]fluoranthene	<51		240	51	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Benzo[g,h,i]perylene	<77		240	77	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Benzo[k]fluoranthene	<70		240	70	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Chrysene	<65		240	65	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Dibenz(a,h)anthracene	<46		240	46	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Fluoranthene	140	J	240	44	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Fluorene	51	J	240	33	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Indeno[1,2,3-cd]pyrene	<62		240	62	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Naphthalene	54	J	240	37	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Phenanthrene	100	J	240	33	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
Pyrene	260		240	47	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
1-Methylnaphthalene	<58		480	58	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5
2-Methylnaphthalene	49	J	480	44	ug/Kg	☼	09/24/21 18:00	09/28/21 14:12	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		37 - 147	09/24/21 18:00	09/28/21 14:12	5
Terphenyl-d14 (Surr)	88		42 - 157	09/24/21 18:00	09/28/21 14:12	5
2-Fluorobiphenyl (Surr)	80		43 - 145	09/24/21 18:00	09/28/21 14:12	5

Euofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-105 (2-4)

Lab Sample ID: 500-205623-9

Date Collected: 09/21/21 10:40

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	39		23	13	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Bromobenzene	<32		90	32	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Bromochloromethane	<39		90	39	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Bromodichloromethane	<34		90	34	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Bromoform	<44		90	44	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Bromomethane	<72	*+	270	72	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
2-Butanone (MEK)	<190		450	190	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Carbon tetrachloride	<35	*+	90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Chlorobenzene	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Chloroethane	<46	*+	90	46	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Chloroform	<33		180	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Chloromethane	<29		90	29	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
2-Chlorotoluene	<28		90	28	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
4-Chlorotoluene	<32		90	32	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
cis-1,2-Dichloroethene	<37		90	37	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
cis-1,3-Dichloropropene	<38		90	38	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Dibromochloromethane	<44		90	44	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2-Dibromo-3-Chloropropane	<180	*-	450	180	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2-Dibromoethane	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Dibromomethane	<24		90	24	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2-Dichlorobenzene	<30		90	30	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,3-Dichlorobenzene	<36		90	36	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,4-Dichlorobenzene	<33		90	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Dichlorodifluoromethane	<61		270	61	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1-Dichloroethane	<37		90	37	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2-Dichloroethane	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1-Dichloroethene	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2-Dichloropropane	<39		90	39	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,3-Dichloropropane	<33		90	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
2,2-Dichloropropane	<40	*+	90	40	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1-Dichloropropene	<27		90	27	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Ethylbenzene	18	J	23	17	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Hexachlorobutadiene	<40		90	40	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Isopropylbenzene	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Isopropyl ether	<25		90	25	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Methylene Chloride	<150		450	150	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Methyl tert-butyl ether	<36		90	36	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Naphthalene	35	J	90	30	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
n-Butylbenzene	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
N-Propylbenzene	<37		90	37	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
p-Isopropyltoluene	<33		90	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
sec-Butylbenzene	<36		90	36	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Styrene	<35		90	35	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
tert-Butylbenzene	<36		90	36	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1,1,2-Tetrachloroethane	<42		90	42	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1,2,2-Tetrachloroethane	<36		90	36	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Tetrachloroethene	<33		90	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Toluene	61		23	13	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
trans-1,2-Dichloroethene	<32		90	32	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-105 (2-4)

Lab Sample ID: 500-205623-9

Date Collected: 09/21/21 10:40

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<33		90	33	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2,3-Trichlorobenzene	<41		90	41	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2,4-Trichlorobenzene	<31		90	31	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1,1-Trichloroethane	<34	*+	90	34	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,1,2-Trichloroethane	<32		90	32	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Trichloroethene	<15		45	15	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Trichlorofluoromethane	<39	*+	90	39	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,2,4-Trimethylbenzene	<32		90	32	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
1,3,5-Trimethylbenzene	<34		90	34	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Vinyl chloride	<24		90	24	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50
Xylenes, Total	110		45	20	ug/Kg	☼	09/21/21 10:40	09/29/21 17:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124	09/21/21 10:40	09/29/21 17:39	50
Dibromofluoromethane (Surr)	94		75 - 120	09/21/21 10:40	09/29/21 17:39	50
1,2-Dichloroethane-d4 (Surr)	112		75 - 126	09/21/21 10:40	09/29/21 17:39	50
Toluene-d8 (Surr)	90		75 - 120	09/21/21 10:40	09/29/21 17:39	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	14	J	45	8.1	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Acenaphthylene	47		45	5.9	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Anthracene	67		45	7.5	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Benzo[a]anthracene	110		45	6.1	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Benzo[a]pyrene	160	*3	45	8.7	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Benzo[b]fluoranthene	<9.7	*3	45	9.7	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Benzo[g,h,i]perylene	85	*3	45	15	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Benzo[k]fluoranthene	<13	*3	45	13	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Chrysene	120		45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Dibenz(a,h)anthracene	<8.7	*3	45	8.7	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Fluoranthene	200		45	8.4	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Fluorene	52		45	6.3	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Indeno[1,2,3-cd]pyrene	73	*3	45	12	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Naphthalene	220		45	6.9	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Phenanthrene	230		45	6.3	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
Pyrene	370		45	8.9	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
1-Methylnaphthalene	99		91	11	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1
2-Methylnaphthalene	170		91	8.3	ug/Kg	☼	09/24/21 18:00	09/27/21 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	83		37 - 147	09/24/21 18:00	09/27/21 14:14	1
Terphenyl-d14 (Surr)	133		42 - 157	09/24/21 18:00	09/27/21 14:14	1
2-Fluorobiphenyl (Surr)	90		43 - 145	09/24/21 18:00	09/27/21 14:14	1

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-108 (2-4)

Lab Sample ID: 500-205623-10

Date Collected: 09/21/21 11:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Bromobenzene	<29		82	29	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Bromochloromethane	<35		82	35	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Bromodichloromethane	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Bromoform	<39		82	39	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Bromomethane	<65	*+	240	65	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
2-Butanone (MEK)	<170		410	170	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Carbon tetrachloride	<31	*+	82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Chlorobenzene	<31		82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Chloroethane	<41	*+	82	41	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Chloroform	<30		160	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Chloromethane	<26		82	26	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
2-Chlorotoluene	<26		82	26	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
4-Chlorotoluene	<29		82	29	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
cis-1,2-Dichloroethene	<33		82	33	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
cis-1,3-Dichloropropene	<34		82	34	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Dibromochloromethane	<40		82	40	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2-Dibromo-3-Chloropropane	<160	*-	410	160	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2-Dibromoethane	<31		82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Dibromomethane	<22		82	22	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2-Dichlorobenzene	<27		82	27	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,3-Dichlorobenzene	<33		82	33	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,4-Dichlorobenzene	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Dichlorodifluoromethane	<55		240	55	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1-Dichloroethane	<33		82	33	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2-Dichloroethane	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1-Dichloroethene	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2-Dichloropropane	<35		82	35	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,3-Dichloropropane	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
2,2-Dichloropropane	<36	*+	82	36	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1-Dichloropropene	<24		82	24	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Ethylbenzene	<15		20	15	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Hexachlorobutadiene	<36		82	36	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Isopropylbenzene	<31		82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Isopropyl ether	<23		82	23	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Methylene Chloride	<130		410	130	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Methyl tert-butyl ether	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Naphthalene	<27		82	27	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
n-Butylbenzene	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
N-Propylbenzene	<34		82	34	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
p-Isopropyltoluene	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
sec-Butylbenzene	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Styrene	<31		82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
tert-Butylbenzene	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1,1,2-Tetrachloroethane	<38		82	38	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1,2,2-Tetrachloroethane	<32		82	32	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Tetrachloroethene	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Toluene	<12		20	12	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
trans-1,2-Dichloroethene	<29		82	29	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-108 (2-4)

Lab Sample ID: 500-205623-10

Date Collected: 09/21/21 11:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<30		82	30	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2,3-Trichlorobenzene	<37		82	37	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2,4-Trichlorobenzene	<28		82	28	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1,1-Trichloroethane	<31	*+	82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,1,2-Trichloroethane	<29		82	29	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Trichloroethene	<13		41	13	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Trichlorofluoromethane	<35	*+	82	35	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,2,4-Trimethylbenzene	<29		82	29	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
1,3,5-Trimethylbenzene	<31		82	31	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Vinyl chloride	<21		82	21	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50
Xylenes, Total	<18		41	18	ug/Kg	☼	09/21/21 11:00	09/29/21 18:04	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	09/21/21 11:00	09/29/21 18:04	50
Dibromofluoromethane (Surr)	91		75 - 120	09/21/21 11:00	09/29/21 18:04	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/21/21 11:00	09/29/21 18:04	50
Toluene-d8 (Surr)	91		75 - 120	09/21/21 11:00	09/29/21 18:04	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	☼	09/24/21 18:00	09/27/21 14:37	1
Acenaphthylene	<5.7		43	5.7	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Anthracene	<7.2		43	7.2	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Benzo[a]anthracene	8.8	J	43	5.8	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Benzo[a]pyrene	<8.4		43	8.4	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Benzo[b]fluoranthene	14	J	43	9.3	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Benzo[g,h,i]perylene	<14		43	14	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Benzo[k]fluoranthene	<13		43	13	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Chrysene	<12		43	12	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Dibenz(a,h)anthracene	<8.3		43	8.3	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Fluoranthene	19	J	43	8.0	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Fluorene	<6.1		43	6.1	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Indeno[1,2,3-cd]pyrene	<11		43	11	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Naphthalene	<6.6		43	6.6	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Phenanthrene	20	J	43	6.0	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
Pyrene	18	J	43	8.6	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
1-Methylnaphthalene	<11		87	11	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1
2-Methylnaphthalene	<7.9		87	7.9	ug/Kg	☼	09/24/21 18:00	09/27/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		37 - 147	09/24/21 18:00	09/27/21 14:37	1
Terphenyl-d14 (Surr)	89		42 - 157	09/24/21 18:00	09/27/21 14:37	1
2-Fluorobiphenyl (Surr)	80		43 - 145	09/24/21 18:00	09/27/21 14:37	1

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-107 (2-4)

Lab Sample ID: 500-205623-11

Date Collected: 09/21/21 11:10

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Bromobenzene	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Bromochloromethane	<32		76	32	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Bromodichloromethane	<28		76	28	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Bromoform	<37		76	37	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Bromomethane	<60	*+	230	60	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
2-Butanone (MEK)	<160		380	160	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Carbon tetrachloride	<29	*+	76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Chlorobenzene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Chloroethane	<38	*+	76	38	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Chloroform	<28		150	28	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Chloromethane	<24		76	24	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
2-Chlorotoluene	<24		76	24	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
4-Chlorotoluene	<26		76	26	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
cis-1,3-Dichloropropene	<31		76	31	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Dibromochloromethane	<37		76	37	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2-Dibromo-3-Chloropropane	<150	*-	380	150	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2-Dibromoethane	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Dibromomethane	<20		76	20	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,3-Dichlorobenzene	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1-Dichloroethane	<31		76	31	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2-Dichloroethane	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1-Dichloroethene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2-Dichloropropane	<32		76	32	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,3-Dichloropropane	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
2,2-Dichloropropane	<34	*+	76	34	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1-Dichloropropene	<23		76	23	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Ethylbenzene	<14		19	14	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Hexachlorobutadiene	<34		76	34	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Isopropylbenzene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Isopropyl ether	<21		76	21	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Methylene Chloride	<120		380	120	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Naphthalene	<25		76	25	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
n-Butylbenzene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
N-Propylbenzene	<31		76	31	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
p-Isopropyltoluene	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
sec-Butylbenzene	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Styrene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
tert-Butylbenzene	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1,1,2-Tetrachloroethane	<35		76	35	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Tetrachloroethene	<28		76	28	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Toluene	<11		19	11	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
trans-1,2-Dichloroethene	<26		76	26	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50

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Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: SB-107 (2-4)

Lab Sample ID: 500-205623-11

Date Collected: 09/21/21 11:10

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1,1-Trichloroethane	<29	+	76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Trichloroethene	<12		38	12	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Trichlorofluoromethane	<32	+	76	32	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Vinyl chloride	<20		76	20	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50
Xylenes, Total	<17		38	17	ug/Kg	☼	09/21/21 11:10	09/29/21 18:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124	09/21/21 11:10	09/29/21 18:29	50
Dibromofluoromethane (Surr)	93		75 - 120	09/21/21 11:10	09/29/21 18:29	50
1,2-Dichloroethane-d4 (Surr)	111		75 - 126	09/21/21 11:10	09/29/21 18:29	50
Toluene-d8 (Surr)	90		75 - 120	09/21/21 11:10	09/29/21 18:29	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	☼	09/24/21 18:00	09/27/21 15:01	1
Acenaphthylene	8.8	J	41	5.5	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Anthracene	27	J	41	7.0	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Benzo[a]anthracene	85		41	5.6	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Benzo[a]pyrene	100		41	8.1	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Benzo[b]fluoranthene	140		41	9.0	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Benzo[g,h,i]perylene	36	J	41	13	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Benzo[k]fluoranthene	47		41	12	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Chrysene	97		41	11	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Dibenz(a,h)anthracene	<8.0		41	8.0	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Fluoranthene	190		41	7.7	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Fluorene	9.3	J	41	5.9	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Indeno[1,2,3-cd]pyrene	28	J	41	11	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Naphthalene	17	J	41	6.4	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Phenanthrene	110		41	5.8	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
Pyrene	170		41	8.3	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
1-Methylnaphthalene	19	J	84	10	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1
2-Methylnaphthalene	22	J	84	7.7	ug/Kg	☼	09/24/21 18:00	09/27/21 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	62		37 - 147	09/24/21 18:00	09/27/21 15:01	1
Terphenyl-d14 (Surr)	90		42 - 157	09/24/21 18:00	09/27/21 15:01	1
2-Fluorobiphenyl (Surr)	75		43 - 145	09/24/21 18:00	09/27/21 15:01	1

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-13 (2-4)

Lab Sample ID: 500-205623-12

Date Collected: 09/21/21 12:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.0		15	9.0	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Bromobenzene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Bromochloromethane	<26		62	26	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Bromodichloromethane	<23		62	23	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Bromoform	<30		62	30	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Bromomethane	<49	+	180	49	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
2-Butanone (MEK)	<130		310	130	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Carbon tetrachloride	<24	+	62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Chlorobenzene	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Chloroethane	<31	+	62	31	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Chloroform	<23		120	23	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Chloromethane	<20		62	20	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
2-Chlorotoluene	<19		62	19	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
4-Chlorotoluene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
cis-1,2-Dichloroethene	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
cis-1,3-Dichloropropene	<26		62	26	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Dibromochloromethane	<30		62	30	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2-Dibromo-3-Chloropropane	<120	-	310	120	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2-Dibromoethane	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Dibromomethane	<17		62	17	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2-Dichlorobenzene	<21		62	21	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,3-Dichlorobenzene	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,4-Dichlorobenzene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1-Dichloroethane	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2-Dichloroethane	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1-Dichloroethene	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2-Dichloropropane	<26		62	26	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,3-Dichloropropane	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
2,2-Dichloropropane	<27	+	62	27	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1-Dichloropropene	<18		62	18	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Ethylbenzene	<11		15	11	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Hexachlorobutadiene	<27		62	27	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Isopropylbenzene	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Isopropyl ether	<17		62	17	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Methylene Chloride	<100		310	100	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Methyl tert-butyl ether	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Naphthalene	<21		62	21	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
n-Butylbenzene	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
N-Propylbenzene	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
p-Isopropyltoluene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
sec-Butylbenzene	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Styrene	<24		62	24	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
tert-Butylbenzene	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1,1,2-Tetrachloroethane	<28		62	28	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1,2,2-Tetrachloroethane	<25		62	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Tetrachloroethene	<23		62	23	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Toluene	<9.1		15	9.1	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
trans-1,2-Dichloroethene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50

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Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-13 (2-4)

Lab Sample ID: 500-205623-12

Date Collected: 09/21/21 12:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2,3-Trichlorobenzene	<28		62	28	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2,4-Trichlorobenzene	<21		62	21	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1,1-Trichloroethane	<23	*+	62	23	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,1,2-Trichloroethane	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Trichloroethene	<10		31	10	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Trichlorofluoromethane	<26	*+	62	26	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,2,4-Trimethylbenzene	<22		62	22	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
1,3,5-Trimethylbenzene	<23		62	23	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Vinyl chloride	<16		62	16	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50
Xylenes, Total	<14		31	14	ug/Kg	☼	09/21/21 12:00	09/29/21 18:55	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124	09/21/21 12:00	09/29/21 18:55	50
Dibromofluoromethane (Surr)	93		75 - 120	09/21/21 12:00	09/29/21 18:55	50
1,2-Dichloroethane-d4 (Surr)	111		75 - 126	09/21/21 12:00	09/29/21 18:55	50
Toluene-d8 (Surr)	89		75 - 120	09/21/21 12:00	09/29/21 18:55	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-14 (2-4)

Lab Sample ID: 500-205623-13

Date Collected: 09/22/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<10		18	10	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Bromobenzene	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Bromochloromethane	<30		70	30	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Bromodichloromethane	<26		70	26	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Bromoform	<34		70	34	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Bromomethane	<56	+	210	56	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
2-Butanone (MEK)	<150		350	150	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Carbon tetrachloride	<27	+	70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Chlorobenzene	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Chloroethane	<35	+	70	35	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Chloroform	<26		140	26	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Chloromethane	<22		70	22	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
2-Chlorotoluene	<22		70	22	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
4-Chlorotoluene	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
cis-1,2-Dichloroethene	<29		70	29	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
cis-1,3-Dichloropropene	<29		70	29	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Dibromochloromethane	<34		70	34	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,2-Dibromo-3-Chloropropane	<140	-	350	140	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,2-Dibromoethane	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Dibromomethane	<19		70	19	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,2-Dichlorobenzene	<23		70	23	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,3-Dichlorobenzene	<28		70	28	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,4-Dichlorobenzene	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Dichlorodifluoromethane	<47		210	47	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,1-Dichloroethane	<29		70	29	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,2-Dichloroethane	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,1-Dichloroethene	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,2-Dichloropropane	<30		70	30	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,3-Dichloropropane	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
2,2-Dichloropropane	<31	+	70	31	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,1-Dichloropropene	<21		70	21	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Ethylbenzene	<13		18	13	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Hexachlorobutadiene	<31		70	31	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Isopropylbenzene	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Isopropyl ether	<19		70	19	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Methylene Chloride	<110		350	110	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Methyl tert-butyl ether	<28		70	28	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Naphthalene	<23		70	23	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
n-Butylbenzene	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
N-Propylbenzene	<29		70	29	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
p-Isopropyltoluene	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
sec-Butylbenzene	<28		70	28	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Styrene	<27		70	27	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
tert-Butylbenzene	<28		70	28	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,1,1,2-Tetrachloroethane	<32		70	32	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
1,1,2,2-Tetrachloroethane	<28		70	28	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Tetrachloroethene	<26		70	26	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
Toluene	<10		18	10	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50
trans-1,2-Dichloroethene	<25		70	25	ug/Kg	✱	09/22/21 09:45	09/29/21 19:20	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-14 (2-4)

Lab Sample ID: 500-205623-13

Date Collected: 09/22/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<25		70	25	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,2,3-Trichlorobenzene	<32		70	32	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,2,4-Trichlorobenzene	<24		70	24	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,1,1-Trichloroethane	<27	*+	70	27	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,1,2-Trichloroethane	<25		70	25	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
Trichloroethene	<11		35	11	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
Trichlorofluoromethane	<30	*+	70	30	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,2,3-Trichloropropane	<29		140	29	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,2,4-Trimethylbenzene	<25		70	25	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
1,3,5-Trimethylbenzene	<27		70	27	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
Vinyl chloride	<18		70	18	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50
Xylenes, Total	<15		35	15	ug/Kg	☼	09/22/21 09:45	09/29/21 19:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124	09/22/21 09:45	09/29/21 19:20	50
Dibromofluoromethane (Surr)	92		75 - 120	09/22/21 09:45	09/29/21 19:20	50
1,2-Dichloroethane-d4 (Surr)	109		75 - 126	09/22/21 09:45	09/29/21 19:20	50
Toluene-d8 (Surr)	88		75 - 120	09/22/21 09:45	09/29/21 19:20	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-14 (5-6)

Lab Sample ID: 500-205623-14

Date Collected: 09/22/21 09:50

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Bromobenzene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Bromochloromethane	<32		76	32	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Bromodichloromethane	<28		76	28	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Bromoform	<37		76	37	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Bromomethane	<60	*+	230	60	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
2-Butanone (MEK)	<160		380	160	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Carbon tetrachloride	<29	*+	76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Chlorobenzene	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Chloroethane	<38	*+	76	38	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Chloroform	<28		150	28	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Chloromethane	<24		76	24	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
2-Chlorotoluene	<24		76	24	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
4-Chlorotoluene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
cis-1,2-Dichloroethene	<31		76	31	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
cis-1,3-Dichloropropene	<32		76	32	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Dibromochloromethane	<37		76	37	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2-Dibromo-3-Chloropropane	<150	*-	380	150	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2-Dibromoethane	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Dibromomethane	<20		76	20	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2-Dichlorobenzene	<25		76	25	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,3-Dichlorobenzene	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,4-Dichlorobenzene	<28		76	28	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Dichlorodifluoromethane	<51		230	51	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1-Dichloroethane	<31		76	31	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2-Dichloroethane	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1-Dichloroethene	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2-Dichloropropane	<32		76	32	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,3-Dichloropropane	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
2,2-Dichloropropane	<34	*+	76	34	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1-Dichloropropene	<23		76	23	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Ethylbenzene	<14		19	14	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Hexachlorobutadiene	<34		76	34	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Isopropylbenzene	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Isopropyl ether	<21		76	21	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Methylene Chloride	<120		380	120	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Methyl tert-butyl ether	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Naphthalene	<25		76	25	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
n-Butylbenzene	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
N-Propylbenzene	<31		76	31	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
p-Isopropyltoluene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
sec-Butylbenzene	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Styrene	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
tert-Butylbenzene	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1,1,2-Tetrachloroethane	<35		76	35	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1,2,2-Tetrachloroethane	<30		76	30	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Tetrachloroethene	<28		76	28	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Toluene	<11		19	11	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
trans-1,2-Dichloroethene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: PZ-14 (5-6)

Lab Sample ID: 500-205623-14

Date Collected: 09/22/21 09:50

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2,3-Trichlorobenzene	<35		76	35	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2,4-Trichlorobenzene	<26		76	26	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1,1-Trichloroethane	<29	*+	76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,1,2-Trichloroethane	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Trichloroethene	<12		38	12	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Trichlorofluoromethane	<32	*+	76	32	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,2,4-Trimethylbenzene	<27		76	27	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
1,3,5-Trimethylbenzene	<29		76	29	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Vinyl chloride	<20		76	20	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Xylenes, Total	<17		38	17	ug/Kg	☼	09/22/21 09:50	09/29/21 19:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124				09/22/21 09:50	09/29/21 19:45	50
Dibromofluoromethane (Surr)	91		75 - 120				09/22/21 09:50	09/29/21 19:45	50
1,2-Dichloroethane-d4 (Surr)	112		75 - 126				09/22/21 09:50	09/29/21 19:45	50
Toluene-d8 (Surr)	88		75 - 120				09/22/21 09:50	09/29/21 19:45	50

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-205623-15

Date Collected: 09/20/21 00:00

Matrix: Solid

Date Received: 09/23/21 10:10

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		09/20/21 00:00	09/29/21 13:28	50
Bromobenzene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Bromochloromethane	<21		50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Bromodichloromethane	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Bromoform	<24		50	24	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Bromomethane	<40	*+	150	40	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
2-Butanone (MEK)	<110		250	110	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Carbon tetrachloride	<19	*+	50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Chlorobenzene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Chloroethane	<25	*+	50	25	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Chloroform	<19		100	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Chloromethane	<16		50	16	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
2-Chlorotoluene	<16		50	16	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
4-Chlorotoluene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Dibromochloromethane	<24		50	24	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2-Dibromo-3-Chloropropane	<100	*-	250	100	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2-Dibromoethane	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Dibromomethane	<14		50	14	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1-Dichloroethane	<21		50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2-Dichloroethane	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1-Dichloroethene	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2-Dichloropropane	<21		50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,3-Dichloropropane	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
2,2-Dichloropropane	<22	*+	50	22	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1-Dichloropropene	<15		50	15	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Hexachlorobutadiene	<22		50	22	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Isopropylbenzene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Isopropyl ether	<14		50	14	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Methylene Chloride	<82		250	82	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Naphthalene	<17		50	17	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
n-Butylbenzene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
N-Propylbenzene	<21		50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
p-Isopropyltoluene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
sec-Butylbenzene	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Styrene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
tert-Butylbenzene	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Tetrachloroethene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Toluene	<7.4		13	7.4	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-205623-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-205623-15

Date Collected: 09/20/21 00:00

Matrix: Solid

Date Received: 09/23/21 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1,1-Trichloroethane	<19	*+	50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Trichloroethene	<8.2		25	8.2	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Trichlorofluoromethane	<21	*+	50	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Vinyl chloride	<13		50	13	ug/Kg		09/20/21 00:00	09/29/21 13:28	50
Xylenes, Total	<11		25	11	ug/Kg		09/20/21 00:00	09/29/21 13:28	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124	09/20/21 00:00	09/29/21 13:28	50
Dibromofluoromethane (Surr)	95		75 - 120	09/20/21 00:00	09/29/21 13:28	50
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	09/20/21 00:00	09/29/21 13:28	50
Toluene-d8 (Surr)	86		75 - 120	09/20/21 00:00	09/29/21 13:28	50

Definitions/Glossary

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

Job ID: 500-205623-1

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
*3	ISTD response or retention time outside acceptable 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
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

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

Job ID: 500-205623-1

GC/MS VOA

Prep Batch: 620069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-1	SB-100 (2-4)	Total/NA	Solid	5035	
500-205623-2	MW-12 (2-4)	Total/NA	Solid	5035	
500-205623-3	MW-11 (0-4)	Total/NA	Solid	5035	
500-205623-4	SB-101 (2-4)	Total/NA	Solid	5035	
500-205623-5	SB-102 (2-4)	Total/NA	Solid	5035	
500-205623-6	SB-104 (2-4)	Total/NA	Solid	5035	
500-205623-7	SB-103 (1.5-3.5)	Total/NA	Solid	5035	
500-205623-8	SB-106 (2-4)	Total/NA	Solid	5035	
500-205623-9	SB-105 (2-4)	Total/NA	Solid	5035	
500-205623-10	SB-108 (2-4)	Total/NA	Solid	5035	
500-205623-11	SB-107 (2-4)	Total/NA	Solid	5035	
500-205623-12	PZ-13 (2-4)	Total/NA	Solid	5035	
500-205623-13	PZ-14 (2-4)	Total/NA	Solid	5035	
500-205623-14	PZ-14 (5-6)	Total/NA	Solid	5035	
500-205623-15	Trip Blank	Total/NA	Solid	5035	
LB3 500-620069/20-A	Method Blank	Total/NA	Solid	5035	
LCS 500-620069/21-A	Lab Control Sample	Total/NA	Solid	5035	
500-205623-1 MS	SB-100 (2-4)	Total/NA	Solid	5035	
500-205623-1 MSD	SB-100 (2-4)	Total/NA	Solid	5035	

Analysis Batch: 620804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-1	SB-100 (2-4)	Total/NA	Solid	8260B	620069
500-205623-2	MW-12 (2-4)	Total/NA	Solid	8260B	620069
500-205623-3	MW-11 (0-4)	Total/NA	Solid	8260B	620069
500-205623-4	SB-101 (2-4)	Total/NA	Solid	8260B	620069
500-205623-5	SB-102 (2-4)	Total/NA	Solid	8260B	620069
500-205623-6	SB-104 (2-4)	Total/NA	Solid	8260B	620069
500-205623-7	SB-103 (1.5-3.5)	Total/NA	Solid	8260B	620069
500-205623-8	SB-106 (2-4)	Total/NA	Solid	8260B	620069
500-205623-9	SB-105 (2-4)	Total/NA	Solid	8260B	620069
500-205623-10	SB-108 (2-4)	Total/NA	Solid	8260B	620069
500-205623-11	SB-107 (2-4)	Total/NA	Solid	8260B	620069
500-205623-12	PZ-13 (2-4)	Total/NA	Solid	8260B	620069
500-205623-13	PZ-14 (2-4)	Total/NA	Solid	8260B	620069
500-205623-14	PZ-14 (5-6)	Total/NA	Solid	8260B	620069
500-205623-15	Trip Blank	Total/NA	Solid	8260B	620069
LB3 500-620069/20-A	Method Blank	Total/NA	Solid	8260B	620069
MB 500-620804/7	Method Blank	Total/NA	Solid	8260B	620069
LCS 500-620069/21-A	Lab Control Sample	Total/NA	Solid	8260B	620069
LCS 500-620804/30	Lab Control Sample	Total/NA	Solid	8260B	620069
500-205623-1 MS	SB-100 (2-4)	Total/NA	Solid	8260B	620069
500-205623-1 MSD	SB-100 (2-4)	Total/NA	Solid	8260B	620069

GC/MS Semi VOA

Prep Batch: 620241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-1	SB-100 (2-4)	Total/NA	Solid	3541	
500-205623-2	MW-12 (2-4)	Total/NA	Solid	3541	
500-205623-3	MW-11 (0-4)	Total/NA	Solid	3541	

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QC Association Summary

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

Job ID: 500-205623-1

GC/MS Semi VOA (Continued)

Prep Batch: 620241 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-8	SB-106 (2-4)	Total/NA	Solid	3541	
500-205623-9	SB-105 (2-4)	Total/NA	Solid	3541	
500-205623-10	SB-108 (2-4)	Total/NA	Solid	3541	
500-205623-11	SB-107 (2-4)	Total/NA	Solid	3541	
MB 500-620241/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-620241/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 620386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-1	SB-100 (2-4)	Total/NA	Solid	8270D	620241
500-205623-2	MW-12 (2-4)	Total/NA	Solid	8270D	620241
500-205623-3	MW-11 (0-4)	Total/NA	Solid	8270D	620241
500-205623-9	SB-105 (2-4)	Total/NA	Solid	8270D	620241
500-205623-10	SB-108 (2-4)	Total/NA	Solid	8270D	620241
500-205623-11	SB-107 (2-4)	Total/NA	Solid	8270D	620241
MB 500-620241/1-A	Method Blank	Total/NA	Solid	8270D	620241
LCS 500-620241/2-A	Lab Control Sample	Total/NA	Solid	8270D	620241

Analysis Batch: 620612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-8	SB-106 (2-4)	Total/NA	Solid	8270D	620241

Metals

Prep Batch: 620527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-2	MW-12 (2-4)	Total/NA	Solid	3050B	
500-205623-3	MW-11 (0-4)	Total/NA	Solid	3050B	
MB 500-620527/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-620527/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 621016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-2	MW-12 (2-4)	Total/NA	Solid	6010B	620527
500-205623-3	MW-11 (0-4)	Total/NA	Solid	6010B	620527
MB 500-620527/1-A	Method Blank	Total/NA	Solid	6010B	620527
LCS 500-620527/2-A	Lab Control Sample	Total/NA	Solid	6010B	620527

Prep Batch: 621100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-2	MW-12 (2-4)	Total/NA	Solid	7471B	
500-205623-3	MW-11 (0-4)	Total/NA	Solid	7471B	
MB 500-621100/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-621100/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 621270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-2	MW-12 (2-4)	Total/NA	Solid	7471B	621100
500-205623-3	MW-11 (0-4)	Total/NA	Solid	7471B	621100
MB 500-621100/12-A	Method Blank	Total/NA	Solid	7471B	621100
LCS 500-621100/13-A	Lab Control Sample	Total/NA	Solid	7471B	621100

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QC Association Summary

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

Job ID: 500-205623-1

General Chemistry

Analysis Batch: 620032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-205623-1	SB-100 (2-4)	Total/NA	Solid	Moisture	
500-205623-2	MW-12 (2-4)	Total/NA	Solid	Moisture	
500-205623-3	MW-11 (0-4)	Total/NA	Solid	Moisture	
500-205623-4	SB-101 (2-4)	Total/NA	Solid	Moisture	
500-205623-5	SB-102 (2-4)	Total/NA	Solid	Moisture	
500-205623-6	SB-104 (2-4)	Total/NA	Solid	Moisture	
500-205623-7	SB-103 (1.5-3.5)	Total/NA	Solid	Moisture	
500-205623-8	SB-106 (2-4)	Total/NA	Solid	Moisture	
500-205623-9	SB-105 (2-4)	Total/NA	Solid	Moisture	
500-205623-10	SB-108 (2-4)	Total/NA	Solid	Moisture	
500-205623-11	SB-107 (2-4)	Total/NA	Solid	Moisture	
500-205623-12	PZ-13 (2-4)	Total/NA	Solid	Moisture	
500-205623-13	PZ-14 (2-4)	Total/NA	Solid	Moisture	
500-205623-14	PZ-14 (5-6)	Total/NA	Solid	Moisture	
500-205623-1 DU	SB-100 (2-4)	Total/NA	Solid	Moisture	

Surrogate Summary

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

Job ID: 500-205623-1

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)
500-205623-1	SB-100 (2-4)	92	91	109	89
500-205623-1 MS	SB-100 (2-4)	84	97	104	90
500-205623-1 MSD	SB-100 (2-4)	89	98	104	89
500-205623-2	MW-12 (2-4)	93	93	107	89
500-205623-3	MW-11 (0-4)	92	94	109	88
500-205623-4	SB-101 (2-4)	93	92	109	90
500-205623-5	SB-102 (2-4)	91	91	108	87
500-205623-6	SB-104 (2-4)	91	91	109	89
500-205623-7	SB-103 (1.5-3.5)	92	92	109	88
500-205623-8	SB-106 (2-4)	92	90	108	90
500-205623-9	SB-105 (2-4)	95	94	112	90
500-205623-10	SB-108 (2-4)	91	91	109	91
500-205623-11	SB-107 (2-4)	93	93	111	90
500-205623-12	PZ-13 (2-4)	92	93	111	89
500-205623-13	PZ-14 (2-4)	92	92	109	88
500-205623-14	PZ-14 (5-6)	90	91	112	88
500-205623-15	Trip Blank	91	95	108	86
LB3 500-620069/20-A	Method Blank	90	93	108	88
LCS 500-620069/21-A	Lab Control Sample	84	98	104	88
LCS 500-620804/30	Lab Control Sample	81	99	103	88
MB 500-620804/7	Method Blank	93	95	109	91

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)		
		NBZ (37-147)	TPHL (42-157)	FBP (43-145)
500-205623-1	SB-100 (2-4)	71	79	80
500-205623-2	MW-12 (2-4)	66	81	77
500-205623-3	MW-11 (0-4)	71	83	79
500-205623-8	SB-106 (2-4)	70	88	80
500-205623-9	SB-105 (2-4)	83	133	90
500-205623-10	SB-108 (2-4)	70	89	80
500-205623-11	SB-107 (2-4)	62	90	75
LCS 500-620241/2-A	Lab Control Sample	87	92	86
MB 500-620241/1-A	Method Blank	85	98	99

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

FBP = 2-Fluorobiphenyl (Surr)

QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: LB3 500-620069/20-A
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620069

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Bromobenzene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Bromochloromethane	<21		50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Bromodichloromethane	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Bromoform	<24		50	24	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Bromomethane	<40	+	150	40	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
2-Butanone (MEK)	<110		250	110	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Carbon tetrachloride	<19	+	50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Chlorobenzene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Chloroethane	<25	+	50	25	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Chloroform	<19		100	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Chloromethane	<16		50	16	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
2-Chlorotoluene	<16		50	16	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
4-Chlorotoluene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Dibromochloromethane	<24		50	24	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2-Dibromoethane	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Dibromomethane	<14		50	14	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1-Dichloroethane	<21		50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2-Dichloroethane	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1-Dichloroethene	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2-Dichloropropane	<21		50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,3-Dichloropropane	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
2,2-Dichloropropane	<22	+	50	22	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1-Dichloropropene	<15		50	15	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Hexachlorobutadiene	<22		50	22	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Isopropylbenzene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Isopropyl ether	<14		50	14	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Methylene Chloride	<82		250	82	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Naphthalene	<17		50	17	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
n-Butylbenzene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
N-Propylbenzene	<21		50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
p-Isopropyltoluene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
sec-Butylbenzene	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Styrene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
tert-Butylbenzene	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Tetrachloroethene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Toluene	<7.4		13	7.4	ug/Kg		09/24/21 03:55	09/29/21 13:03	50

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: LB3 500-620069/20-A
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620069

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1,1-Trichloroethane	<19	*+	50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Trichloroethene	<8.2		25	8.2	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Trichlorofluoromethane	<21	*+	50	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Vinyl chloride	<13		50	13	ug/Kg		09/24/21 03:55	09/29/21 13:03	50
Xylenes, Total	<11		25	11	ug/Kg		09/24/21 03:55	09/29/21 13:03	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	90		72 - 124	09/24/21 03:55	09/29/21 13:03	50
Dibromofluoromethane (Surr)	93		75 - 120	09/24/21 03:55	09/29/21 13:03	50
1,2-Dichloroethane-d4 (Surr)	108		75 - 126	09/24/21 03:55	09/29/21 13:03	50
Toluene-d8 (Surr)	88		75 - 120	09/24/21 03:55	09/29/21 13:03	50

Lab Sample ID: LCS 500-620069/21-A
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Bromobenzene	2500	2510		ug/Kg		101	70 - 122
Bromochloromethane	2500	2810		ug/Kg		113	65 - 122
Bromodichloromethane	2500	2620		ug/Kg		105	69 - 120
Bromoform	2500	1960		ug/Kg		78	56 - 132
Bromomethane	2500	6770	*+	ug/Kg		271	40 - 152
2-Butanone (MEK)	2500	2350		ug/Kg		94	46 - 144
Carbon tetrachloride	2500	3360	*+	ug/Kg		134	59 - 133
Chlorobenzene	2500	2580		ug/Kg		103	70 - 120
Chloroethane	2500	4010	*+	ug/Kg		161	48 - 136
Chloroform	2500	2780		ug/Kg		111	70 - 120
Chloromethane	2500	2180		ug/Kg		87	56 - 152
2-Chlorotoluene	2500	2430		ug/Kg		97	70 - 125
4-Chlorotoluene	2500	2480		ug/Kg		99	68 - 124
cis-1,2-Dichloroethene	2500	2700		ug/Kg		108	70 - 125
cis-1,3-Dichloropropene	2500	2070		ug/Kg		83	64 - 127
Dibromochloromethane	2500	2090		ug/Kg		84	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1700		ug/Kg		68	56 - 123
1,2-Dibromoethane	2500	2390		ug/Kg		95	70 - 125
Dibromomethane	2500	2860		ug/Kg		115	70 - 120
1,2-Dichlorobenzene	2500	2580		ug/Kg		103	70 - 125
1,3-Dichlorobenzene	2500	2570		ug/Kg		103	70 - 125
1,4-Dichlorobenzene	2500	2590		ug/Kg		104	70 - 120

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: LCS 500-620069/21-A
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2500	2010		ug/Kg		80	40 - 159
1,1-Dichloroethane	2500	2600		ug/Kg		104	70 - 125
1,2-Dichloroethane	2500	2940		ug/Kg		118	68 - 127
1,1-Dichloroethene	2500	2730		ug/Kg		109	67 - 122
1,2-Dichloropropane	2500	2580		ug/Kg		103	67 - 130
1,3-Dichloropropane	2500	2390		ug/Kg		95	62 - 136
2,2-Dichloropropane	2500	3820	*+	ug/Kg		153	58 - 139
1,1-Dichloropropene	2500	2720		ug/Kg		109	70 - 121
Ethylbenzene	2500	2560		ug/Kg		102	70 - 123
Hexachlorobutadiene	2500	2790		ug/Kg		112	51 - 150
Isopropylbenzene	2500	2460		ug/Kg		99	70 - 126
Methylene Chloride	2500	2790		ug/Kg		112	69 - 125
Methyl tert-butyl ether	2500	2880		ug/Kg		115	55 - 123
Naphthalene	2500	2340		ug/Kg		94	53 - 144
n-Butylbenzene	2500	2540		ug/Kg		102	68 - 125
N-Propylbenzene	2500	2450		ug/Kg		98	69 - 127
p-Isopropyltoluene	2500	2620		ug/Kg		105	70 - 125
sec-Butylbenzene	2500	2570		ug/Kg		103	70 - 123
Styrene	2500	2660		ug/Kg		106	70 - 120
tert-Butylbenzene	2500	2490		ug/Kg		100	70 - 121
1,1,1,2-Tetrachloroethane	2500	2390		ug/Kg		96	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	1970		ug/Kg		79	62 - 140
Tetrachloroethene	2500	2760		ug/Kg		110	70 - 128
Toluene	2500	2450		ug/Kg		98	70 - 125
trans-1,2-Dichloroethene	2500	2790		ug/Kg		112	70 - 125
trans-1,3-Dichloropropene	2500	2060		ug/Kg		82	62 - 128
1,2,3-Trichlorobenzene	2500	2520		ug/Kg		101	51 - 145
1,2,4-Trichlorobenzene	2500	2520		ug/Kg		101	57 - 137
1,1,1-Trichloroethane	2500	3380	*+	ug/Kg		135	70 - 125
1,1,2-Trichloroethane	2500	2420		ug/Kg		97	71 - 130
Trichloroethene	2500	2840		ug/Kg		114	70 - 125
Trichlorofluoromethane	2500	3530	*+	ug/Kg		141	55 - 128
1,2,3-Trichloropropane	2500	2170		ug/Kg		87	50 - 133
1,2,4-Trimethylbenzene	2500	2560		ug/Kg		102	70 - 123
1,3,5-Trimethylbenzene	2500	2550		ug/Kg		102	70 - 123
Vinyl chloride	2500	2530		ug/Kg		101	64 - 126
Xylenes, Total	5000	5320		ug/Kg		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	104		75 - 126
Toluene-d8 (Surr)	88		75 - 120

QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: 500-205623-1 MS

Matrix: Solid

Analysis Batch: 620804

Client Sample ID: SB-100 (2-4)

Prep Type: Total/NA

Prep Batch: 620069

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzene	<10		3560	3530		ug/Kg	☼	99	70 - 120
Bromobenzene	<25		3560	3330		ug/Kg	☼	94	70 - 122
Bromochloromethane	<30		3560	3500		ug/Kg	☼	98	65 - 122
Bromodichloromethane	<26		3560	3380		ug/Kg	☼	95	69 - 120
Bromoform	<34		3560	2630		ug/Kg	☼	74	56 - 132
Bromomethane	<57	*+	3560	9060	F1	ug/Kg	☼	255	40 - 152
2-Butanone (MEK)	<150		3560	3370		ug/Kg	☼	95	46 - 144
Carbon tetrachloride	<27	*+	3560	4230		ug/Kg	☼	119	59 - 133
Chlorobenzene	<27		3560	3380		ug/Kg	☼	95	70 - 120
Chloroethane	<36	*+	3560	4950	F1	ug/Kg	☼	139	48 - 136
Chloroform	<26		3560	3650		ug/Kg	☼	103	70 - 120
Chloromethane	<23		3560	3200		ug/Kg	☼	90	56 - 152
2-Chlorotoluene	<22		3560	3270		ug/Kg	☼	92	70 - 125
4-Chlorotoluene	<25		3560	3310		ug/Kg	☼	93	68 - 124
cis-1,2-Dichloroethene	<29		3560	3540		ug/Kg	☼	99	70 - 125
cis-1,3-Dichloropropene	<30		3560	2800		ug/Kg	☼	79	64 - 127
Dibromochloromethane	<35		3560	2790		ug/Kg	☼	78	68 - 125
1,2-Dibromo-3-Chloropropane	<140	*-	3560	2270		ug/Kg	☼	64	56 - 123
1,2-Dibromoethane	<27		3560	3230		ug/Kg	☼	91	70 - 125
Dibromomethane	<19		3560	3580		ug/Kg	☼	101	70 - 120
1,2-Dichlorobenzene	<24		3560	3440		ug/Kg	☼	97	70 - 125
1,3-Dichlorobenzene	<28		3560	3380		ug/Kg	☼	95	70 - 125
1,4-Dichlorobenzene	<26		3560	3420		ug/Kg	☼	96	70 - 120
Dichlorodifluoromethane	<48		3560	3890		ug/Kg	☼	109	40 - 159
1,1-Dichloroethane	<29		3560	3330		ug/Kg	☼	94	70 - 125
1,2-Dichloroethane	<28		3560	3740		ug/Kg	☼	105	68 - 127
1,1-Dichloroethene	<28		3560	3590		ug/Kg	☼	101	67 - 122
1,2-Dichloropropane	<30		3560	3290		ug/Kg	☼	92	67 - 130
1,3-Dichloropropane	<26		3560	3170		ug/Kg	☼	89	62 - 136
2,2-Dichloropropane	<32	*+	3560	4780		ug/Kg	☼	135	58 - 139
1,1-Dichloropropene	<21		3560	3530		ug/Kg	☼	99	70 - 121
Ethylbenzene	<13		3560	3430		ug/Kg	☼	96	70 - 123
Hexachlorobutadiene	<32		3560	3770		ug/Kg	☼	106	51 - 150
Isopropylbenzene	<27		3560	3280		ug/Kg	☼	92	70 - 126
Methylene Chloride	<120		3560	3560		ug/Kg	☼	100	69 - 125
Methyl tert-butyl ether	<28		3560	3660		ug/Kg	☼	103	55 - 123
Naphthalene	<24		3560	3210		ug/Kg	☼	90	53 - 144
n-Butylbenzene	<28		3560	3400		ug/Kg	☼	96	68 - 125
N-Propylbenzene	<29		3560	3250		ug/Kg	☼	91	69 - 127
p-Isopropyltoluene	<26		3560	3500		ug/Kg	☼	98	70 - 125
sec-Butylbenzene	<28		3560	3460		ug/Kg	☼	97	70 - 123
Styrene	<27		3560	3550		ug/Kg	☼	100	70 - 120
tert-Butylbenzene	<28		3560	3310		ug/Kg	☼	93	70 - 121
1,1,1,2-Tetrachloroethane	<33		3560	3090		ug/Kg	☼	87	70 - 125
1,1,2,2-Tetrachloroethane	<28		3560	2630		ug/Kg	☼	74	62 - 140
Tetrachloroethene	<26		3560	3590		ug/Kg	☼	101	70 - 128
Toluene	<10		3560	3220		ug/Kg	☼	91	70 - 125
trans-1,2-Dichloroethene	<25		3560	3600		ug/Kg	☼	101	70 - 125

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: 500-205623-1 MS
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: SB-100 (2-4)
Prep Type: Total/NA
Prep Batch: 620069

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
trans-1,3-Dichloropropene	<26		3560	2770		ug/Kg	☼	78	62 - 128	
1,2,3-Trichlorobenzene	<33		3560	3510		ug/Kg	☼	99	51 - 145	
1,2,4-Trichlorobenzene	<24		3560	3400		ug/Kg	☼	96	57 - 137	
1,1,1-Trichloroethane	<27	*+	3560	4370		ug/Kg	☼	123	70 - 125	
1,1,2-Trichloroethane	<25		3560	3180		ug/Kg	☼	89	71 - 130	
Trichloroethene	<12		3560	3590		ug/Kg	☼	101	70 - 125	
Trichlorofluoromethane	<30	*+	3560	4670	F1	ug/Kg	☼	131	55 - 128	
1,2,3-Trichloropropane	<29		3560	3040		ug/Kg	☼	86	50 - 133	
1,2,4-Trimethylbenzene	<25		3560	3390		ug/Kg	☼	95	70 - 123	
1,3,5-Trimethylbenzene	<27		3560	3380		ug/Kg	☼	95	70 - 123	
Vinyl chloride	<19		3560	3630		ug/Kg	☼	102	64 - 126	
Xylenes, Total	<16		7110	6970		ug/Kg	☼	98	70 - 125	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	84		72 - 124							
Dibromofluoromethane (Surr)	97		75 - 120							
1,2-Dichloroethane-d4 (Surr)	104		75 - 126							
Toluene-d8 (Surr)	90		75 - 120							

Lab Sample ID: 500-205623-1 MSD
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: SB-100 (2-4)
Prep Type: Total/NA
Prep Batch: 620069

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzene	<10		3560	3460		ug/Kg	☼	97	70 - 120	2	30	
Bromobenzene	<25		3560	3490		ug/Kg	☼	98	70 - 122	5	30	
Bromochloromethane	<30		3560	3430		ug/Kg	☼	96	65 - 122	2	30	
Bromodichloromethane	<26		3560	3330		ug/Kg	☼	94	69 - 120	2	30	
Bromoform	<34		3560	2580		ug/Kg	☼	73	56 - 132	2	30	
Bromomethane	<57	*+	3560	9040	F1	ug/Kg	☼	254	40 - 152	0	30	
2-Butanone (MEK)	<150		3560	3270		ug/Kg	☼	92	46 - 144	3	30	
Carbon tetrachloride	<27	*+	3560	4250		ug/Kg	☼	120	59 - 133	0	30	
Chlorobenzene	<27		3560	3370		ug/Kg	☼	95	70 - 120	0	30	
Chloroethane	<36	*+	3560	5850	F1	ug/Kg	☼	165	48 - 136	17	30	
Chloroform	<26		3560	3540		ug/Kg	☼	100	70 - 120	3	30	
Chloromethane	<23		3560	3400		ug/Kg	☼	96	56 - 152	6	30	
2-Chlorotoluene	<22		3560	3390		ug/Kg	☼	95	70 - 125	3	30	
4-Chlorotoluene	<25		3560	3390		ug/Kg	☼	95	68 - 124	2	30	
cis-1,2-Dichloroethene	<29		3560	3470		ug/Kg	☼	98	70 - 125	2	30	
cis-1,3-Dichloropropene	<30		3560	2750		ug/Kg	☼	77	64 - 127	2	30	
Dibromochloromethane	<35		3560	2800		ug/Kg	☼	79	68 - 125	0	30	
1,2-Dibromo-3-Chloropropane	<140	*-	3560	2360		ug/Kg	☼	66	56 - 123	4	30	
1,2-Dibromoethane	<27		3560	3200		ug/Kg	☼	90	70 - 125	1	30	
Dibromomethane	<19		3560	3510		ug/Kg	☼	99	70 - 120	2	30	
1,2-Dichlorobenzene	<24		3560	3480		ug/Kg	☼	98	70 - 125	1	30	
1,3-Dichlorobenzene	<28		3560	3420		ug/Kg	☼	96	70 - 125	1	30	
1,4-Dichlorobenzene	<26		3560	3490		ug/Kg	☼	98	70 - 120	2	30	
Dichlorodifluoromethane	<48		3560	4190		ug/Kg	☼	118	40 - 159	8	30	

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: 500-205623-1 MSD
Matrix: Solid
Analysis Batch: 620804

Client Sample ID: SB-100 (2-4)
Prep Type: Total/NA
Prep Batch: 620069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<29		3560	3330		ug/Kg	☼	94	70 - 125	0	30
1,2-Dichloroethane	<28		3560	3750		ug/Kg	☼	105	68 - 127	0	30
1,1-Dichloroethene	<28		3560	3540		ug/Kg	☼	100	67 - 122	1	30
1,2-Dichloropropane	<30		3560	3260		ug/Kg	☼	92	67 - 130	1	30
1,3-Dichloropropane	<26		3560	3140		ug/Kg	☼	88	62 - 136	1	30
2,2-Dichloropropane	<32	*+	3560	4760		ug/Kg	☼	134	58 - 139	1	30
1,1-Dichloropropene	<21		3560	3500		ug/Kg	☼	98	70 - 121	1	30
Ethylbenzene	<13		3560	3380		ug/Kg	☼	95	70 - 123	1	30
Hexachlorobutadiene	<32		3560	3840		ug/Kg	☼	108	51 - 150	2	30
Isopropylbenzene	<27		3560	3400		ug/Kg	☼	96	70 - 126	4	30
Methylene Chloride	<120		3560	3460		ug/Kg	☼	97	69 - 125	3	30
Methyl tert-butyl ether	<28		3560	3710		ug/Kg	☼	104	55 - 123	1	30
Naphthalene	<24		3560	3240		ug/Kg	☼	91	53 - 144	1	30
n-Butylbenzene	<28		3560	3350		ug/Kg	☼	94	68 - 125	2	30
N-Propylbenzene	<29		3560	3380		ug/Kg	☼	95	69 - 127	4	30
p-Isopropyltoluene	<26		3560	3530		ug/Kg	☼	99	70 - 125	1	30
sec-Butylbenzene	<28		3560	3580		ug/Kg	☼	101	70 - 123	4	30
Styrene	<27		3560	3390		ug/Kg	☼	95	70 - 120	5	30
tert-Butylbenzene	<28		3560	3480		ug/Kg	☼	98	70 - 121	5	30
1,1,1,2-Tetrachloroethane	<33		3560	3130		ug/Kg	☼	88	70 - 125	1	30
1,1,1,2,2-Tetrachloroethane	<28		3560	2800		ug/Kg	☼	79	62 - 140	6	30
Tetrachloroethene	<26		3560	3550		ug/Kg	☼	100	70 - 128	1	30
Toluene	<10		3560	3170		ug/Kg	☼	89	70 - 125	2	30
trans-1,2-Dichloroethene	<25		3560	3600		ug/Kg	☼	101	70 - 125	0	30
trans-1,3-Dichloropropene	<26		3560	2740		ug/Kg	☼	77	62 - 128	1	30
1,2,3-Trichlorobenzene	<33		3560	3520		ug/Kg	☼	99	51 - 145	0	30
1,2,4-Trichlorobenzene	<24		3560	3230		ug/Kg	☼	91	57 - 137	5	30
1,1,1-Trichloroethane	<27	*+	3560	4320		ug/Kg	☼	122	70 - 125	1	30
1,1,2-Trichloroethane	<25		3560	3160		ug/Kg	☼	89	71 - 130	1	30
Trichloroethene	<12		3560	3550		ug/Kg	☼	100	70 - 125	1	30
Trichlorofluoromethane	<30	*+	3560	4890	F1	ug/Kg	☼	138	55 - 128	5	30
1,2,3-Trichloropropane	<29		3560	3390		ug/Kg	☼	95	50 - 133	11	30
1,2,4-Trimethylbenzene	<25		3560	3480		ug/Kg	☼	98	70 - 123	3	30
1,3,5-Trimethylbenzene	<27		3560	3470		ug/Kg	☼	98	70 - 123	3	30
Vinyl chloride	<19		3560	3830		ug/Kg	☼	108	64 - 126	5	30
Xylenes, Total	<16		7110	6820		ug/Kg	☼	96	70 - 125	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	104		75 - 126
Toluene-d8 (Surr)	89		75 - 120

QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: MB 500-620804/7
Matrix: Solid
Analysis Batch: 620804

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			09/29/21 11:48	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			09/29/21 11:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			09/29/21 11:48	1
Bromoform	<0.48		1.0	0.48	ug/Kg			09/29/21 11:48	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			09/29/21 11:48	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/Kg			09/29/21 11:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			09/29/21 11:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			09/29/21 11:48	1
Chloroform	<0.37		2.0	0.37	ug/Kg			09/29/21 11:48	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			09/29/21 11:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			09/29/21 11:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			09/29/21 11:48	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			09/29/21 11:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			09/29/21 11:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			09/29/21 11:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			09/29/21 11:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			09/29/21 11:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			09/29/21 11:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			09/29/21 11:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			09/29/21 11:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			09/29/21 11:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			09/29/21 11:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			09/29/21 11:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			09/29/21 11:48	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			09/29/21 11:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			09/29/21 11:48	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			09/29/21 11:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			09/29/21 11:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			09/29/21 11:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			09/29/21 11:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			09/29/21 11:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			09/29/21 11:48	1
Styrene	<0.39		1.0	0.39	ug/Kg			09/29/21 11:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			09/29/21 11:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			09/29/21 11:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			09/29/21 11:48	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			09/29/21 11:48	1
Toluene	<0.15		0.25	0.15	ug/Kg			09/29/21 11:48	1

QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: MB 500-620804/7
Matrix: Solid
Analysis Batch: 620804

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			09/29/21 11:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			09/29/21 11:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			09/29/21 11:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			09/29/21 11:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			09/29/21 11:48	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			09/29/21 11:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			09/29/21 11:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			09/29/21 11:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			09/29/21 11:48	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			09/29/21 11:48	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			09/29/21 11:48	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			09/29/21 11:48	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		72 - 124		09/29/21 11:48	1
Dibromofluoromethane (Surr)	95		75 - 120		09/29/21 11:48	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		09/29/21 11:48	1
Toluene-d8 (Surr)	91		75 - 120		09/29/21 11:48	1

Lab Sample ID: LCS 500-620804/30
Matrix: Solid
Analysis Batch: 620804

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	42.6		ug/Kg		85	70 - 122
Bromochloromethane	50.0	47.5		ug/Kg		95	65 - 122
Bromodichloromethane	50.0	46.5		ug/Kg		93	69 - 120
Bromoform	50.0	36.5		ug/Kg		73	56 - 132
Bromomethane	50.0	123	*+	ug/Kg		246	40 - 152
2-Butanone (MEK)	50.0	46.8		ug/Kg		94	46 - 144
Carbon tetrachloride	50.0	59.2		ug/Kg		118	59 - 133
Chlorobenzene	50.0	45.4		ug/Kg		91	70 - 120
Chloroethane	50.0	83.9	*+	ug/Kg		168	48 - 136
Chloroform	50.0	48.6		ug/Kg		97	70 - 120
Chloromethane	50.0	42.4		ug/Kg		85	56 - 152
2-Chlorotoluene	50.0	42.3		ug/Kg		85	70 - 125
4-Chlorotoluene	50.0	43.1		ug/Kg		86	68 - 124
cis-1,2-Dichloroethene	50.0	47.0		ug/Kg		94	70 - 125
cis-1,3-Dichloropropene	50.0	38.3		ug/Kg		77	64 - 127
Dibromochloromethane	50.0	38.1		ug/Kg		76	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	27.2	*-	ug/Kg		54	56 - 123
1,2-Dibromoethane	50.0	42.7		ug/Kg		85	70 - 125
Dibromomethane	50.0	48.5		ug/Kg		97	70 - 120
1,2-Dichlorobenzene	50.0	44.2		ug/Kg		88	70 - 125
1,3-Dichlorobenzene	50.0	44.7		ug/Kg		89	70 - 125
1,4-Dichlorobenzene	50.0	45.5		ug/Kg		91	70 - 120

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: LCS 500-620804/30
Matrix: Solid
Analysis Batch: 620804

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	52.2		ug/Kg		104	40 - 159
1,1-Dichloroethane	50.0	45.9		ug/Kg		92	70 - 125
1,2-Dichloroethane	50.0	51.9		ug/Kg		104	68 - 127
1,1-Dichloroethene	50.0	47.8		ug/Kg		96	67 - 122
1,2-Dichloropropane	50.0	46.3		ug/Kg		93	67 - 130
1,3-Dichloropropane	50.0	42.3		ug/Kg		85	62 - 136
2,2-Dichloropropane	50.0	64.5		ug/Kg		129	58 - 139
1,1-Dichloropropene	50.0	49.3		ug/Kg		99	70 - 121
Ethylbenzene	50.0	46.8		ug/Kg		94	70 - 123
Hexachlorobutadiene	50.0	47.1		ug/Kg		94	51 - 150
Isopropylbenzene	50.0	42.5		ug/Kg		85	70 - 126
Methylene Chloride	50.0	47.6		ug/Kg		95	69 - 125
Methyl tert-butyl ether	50.0	49.6		ug/Kg		99	55 - 123
Naphthalene	50.0	35.5		ug/Kg		71	53 - 144
n-Butylbenzene	50.0	45.6		ug/Kg		91	68 - 125
N-Propylbenzene	50.0	42.2		ug/Kg		84	69 - 127
p-Isopropyltoluene	50.0	45.3		ug/Kg		91	70 - 125
sec-Butylbenzene	50.0	44.9		ug/Kg		90	70 - 123
Styrene	50.0	47.2		ug/Kg		94	70 - 120
tert-Butylbenzene	50.0	42.5		ug/Kg		85	70 - 121
1,1,1,2-Tetrachloroethane	50.0	42.3		ug/Kg		85	70 - 125
1,1,2,2-Tetrachloroethane	50.0	33.0		ug/Kg		66	62 - 140
Tetrachloroethene	50.0	50.4		ug/Kg		101	70 - 128
Toluene	50.0	43.8		ug/Kg		88	70 - 125
trans-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	50.0	38.4		ug/Kg		77	62 - 128
1,2,3-Trichlorobenzene	50.0	40.6		ug/Kg		81	51 - 145
1,2,4-Trichlorobenzene	50.0	43.6		ug/Kg		87	57 - 137
1,1,1-Trichloroethane	50.0	58.9		ug/Kg		118	70 - 125
1,1,2-Trichloroethane	50.0	41.5		ug/Kg		83	71 - 130
Trichloroethene	50.0	50.2		ug/Kg		100	70 - 125
Trichlorofluoromethane	50.0	61.5		ug/Kg		123	55 - 128
1,2,3-Trichloropropane	50.0	39.6		ug/Kg		79	50 - 133
1,2,4-Trimethylbenzene	50.0	44.2		ug/Kg		88	70 - 123
1,3,5-Trimethylbenzene	50.0	44.4		ug/Kg		89	70 - 123
Vinyl chloride	50.0	50.8		ug/Kg		102	64 - 126
Xylenes, Total	100	93.8		ug/Kg		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	103		75 - 126
Toluene-d8 (Surr)	88		75 - 120

QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: MB 500-620241/1-A
Matrix: Solid
Analysis Batch: 620386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620241

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<6.0		33	6.0	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Anthracene	<5.6		33	5.6	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Chrysene	<9.1		33	9.1	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Fluoranthene	<6.2		33	6.2	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Fluorene	<4.7		33	4.7	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Naphthalene	<5.1		33	5.1	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Phenanthrene	<4.6		33	4.6	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
Pyrene	<6.6		33	6.6	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		09/24/21 18:00	09/27/21 11:06	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		09/24/21 18:00	09/27/21 11:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	85		37 - 147	09/24/21 18:00	09/27/21 11:06	1
Terphenyl-d14 (Surr)	98		42 - 157	09/24/21 18:00	09/27/21 11:06	1
2-Fluorobiphenyl (Surr)	99		43 - 145	09/24/21 18:00	09/27/21 11:06	1

Lab Sample ID: LCS 500-620241/2-A
Matrix: Solid
Analysis Batch: 620386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620241

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Acenaphthene	1330	1140		ug/Kg		86	65 - 124
Acenaphthylene	1330	1210		ug/Kg		91	68 - 120
Anthracene	1330	1150		ug/Kg		87	70 - 114
Benzo[a]anthracene	1330	1160		ug/Kg		87	67 - 122
Benzo[a]pyrene	1330	1390		ug/Kg		104	65 - 133
Benzo[b]fluoranthene	1330	1180		ug/Kg		88	69 - 129
Benzo[g,h,i]perylene	1330	1210		ug/Kg		91	72 - 131
Benzo[k]fluoranthene	1330	1330		ug/Kg		100	68 - 127
Chrysene	1330	1190		ug/Kg		89	63 - 120
Dibenz(a,h)anthracene	1330	1200		ug/Kg		90	64 - 131
Fluoranthene	1330	1190		ug/Kg		89	62 - 120
Fluorene	1330	1180		ug/Kg		88	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1180		ug/Kg		88	68 - 130
Naphthalene	1330	1090		ug/Kg		82	63 - 110
Phenanthrene	1330	1150		ug/Kg		86	62 - 120
Pyrene	1330	1170		ug/Kg		88	61 - 128
1-Methylnaphthalene	1330	1120		ug/Kg		84	68 - 111
2-Methylnaphthalene	1330	1100		ug/Kg		83	69 - 112

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QC Sample Results

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

Job ID: 500-205623-1

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

Lab Sample ID: LCS 500-620241/2-A
Matrix: Solid
Analysis Batch: 620386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620241

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	87		37 - 147
Terphenyl-d14 (Surr)	92		42 - 157
2-Fluorobiphenyl (Surr)	86		43 - 145

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-620527/1-A
Matrix: Solid
Analysis Batch: 621016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620527

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.34		1.0	0.34	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Barium	0.138	J	1.0	0.11	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Cadmium	0.0597	J	0.20	0.036	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Chromium	<0.50		1.0	0.50	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Lead	<0.23		0.50	0.23	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Selenium	<0.59		1.0	0.59	mg/Kg		09/28/21 11:11	09/29/21 20:14	1
Silver	<0.13		0.50	0.13	mg/Kg		09/28/21 11:11	09/29/21 20:14	1

Lab Sample ID: LCS 500-620527/2-A
Matrix: Solid
Analysis Batch: 621016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620527

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Arsenic	10.0	9.20		mg/Kg		92	80 - 120
Barium	200	197		mg/Kg		99	80 - 120
Cadmium	5.00	4.72		mg/Kg		94	80 - 120
Chromium	20.0	19.8		mg/Kg		99	80 - 120
Lead	10.0	9.57		mg/Kg		96	80 - 120
Selenium	10.0	8.82		mg/Kg		88	80 - 120
Silver	5.00	4.45		mg/Kg		89	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-621100/12-A
Matrix: Solid
Analysis Batch: 621270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621100

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<5.6		17	5.6	ug/Kg		09/30/21 13:05	10/01/21 08:03	1

Lab Sample ID: LCS 500-621100/13-A
Matrix: Solid
Analysis Batch: 621270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621100

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	167	192		ug/Kg		115	80 - 120

Lab Chronicle

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

Job ID: 500-205623-1

Client Sample ID: SB-100 (2-4)

Date Collected: 09/20/21 11:25

Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-100 (2-4)

Date Collected: 09/20/21 11:25

Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-1

Matrix: Solid

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/20/21 11:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 14:18	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 13:03	EF	TAL CHI

Client Sample ID: MW-12 (2-4)

Date Collected: 09/20/21 13:20

Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: MW-12 (2-4)

Date Collected: 09/20/21 13:20

Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-2

Matrix: Solid

Percent Solids: 70.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/20/21 13:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 14:43	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 13:27	EF	TAL CHI
Total/NA	Prep	3050B			620527	09/28/21 11:11	WRE	TAL CHI
Total/NA	Analysis	6010B		1	621016	09/29/21 21:15	JJB	TAL CHI
Total/NA	Prep	7471B			621100	09/30/21 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	621270	10/01/21 08:38	MJG	TAL CHI

Client Sample ID: MW-11 (0-4)

Date Collected: 09/20/21 14:30

Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-205623-1

Client Sample ID: MW-11 (0-4)

Lab Sample ID: 500-205623-3

Date Collected: 09/20/21 14:30

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/20/21 14:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 15:08	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 13:50	EF	TAL CHI
Total/NA	Prep	3050B			620527	09/28/21 11:11	WRE	TAL CHI
Total/NA	Analysis	6010B		1	621016	09/29/21 21:18	JJB	TAL CHI
Total/NA	Prep	7471B			621100	09/30/21 13:05	MJG	TAL CHI
Total/NA	Analysis	7471B		1	621270	10/01/21 08:40	MJG	TAL CHI

Client Sample ID: SB-101 (2-4)

Lab Sample ID: 500-205623-4

Date Collected: 09/21/21 09:20

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-101 (2-4)

Lab Sample ID: 500-205623-4

Date Collected: 09/21/21 09:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 09:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 15:33	STW	TAL CHI

Client Sample ID: SB-102 (2-4)

Lab Sample ID: 500-205623-5

Date Collected: 09/21/21 09:35

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-102 (2-4)

Lab Sample ID: 500-205623-5

Date Collected: 09/21/21 09:35

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 09:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 15:58	STW	TAL CHI

Client Sample ID: SB-104 (2-4)

Lab Sample ID: 500-205623-6

Date Collected: 09/21/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-205623-1

Client Sample ID: SB-104 (2-4)

Lab Sample ID: 500-205623-6

Date Collected: 09/21/21 09:45

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 09:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 16:24	STW	TAL CHI

Client Sample ID: SB-103 (1.5-3.5)

Lab Sample ID: 500-205623-7

Date Collected: 09/21/21 10:00

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-103 (1.5-3.5)

Lab Sample ID: 500-205623-7

Date Collected: 09/21/21 10:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 16:49	STW	TAL CHI

Client Sample ID: SB-106 (2-4)

Lab Sample ID: 500-205623-8

Date Collected: 09/21/21 10:20

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-106 (2-4)

Lab Sample ID: 500-205623-8

Date Collected: 09/21/21 10:20

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 69.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 10:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 17:14	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		5	620612	09/28/21 14:12	EF	TAL CHI

Client Sample ID: SB-105 (2-4)

Lab Sample ID: 500-205623-9

Date Collected: 09/21/21 10:40

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-205623-1

Client Sample ID: SB-105 (2-4)

Lab Sample ID: 500-205623-9

Date Collected: 09/21/21 10:40

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 10:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 17:39	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 14:14	EF	TAL CHI

Client Sample ID: SB-108 (2-4)

Lab Sample ID: 500-205623-10

Date Collected: 09/21/21 11:00

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-108 (2-4)

Lab Sample ID: 500-205623-10

Date Collected: 09/21/21 11:00

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 18:04	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 14:37	EF	TAL CHI

Client Sample ID: SB-107 (2-4)

Lab Sample ID: 500-205623-11

Date Collected: 09/21/21 11:10

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: SB-107 (2-4)

Lab Sample ID: 500-205623-11

Date Collected: 09/21/21 11:10

Matrix: Solid

Date Received: 09/23/21 10:10

Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 18:29	STW	TAL CHI
Total/NA	Prep	3541			620241	09/24/21 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		1	620386	09/27/21 15:01	EF	TAL CHI

Client Sample ID: PZ-13 (2-4)

Lab Sample ID: 500-205623-12

Date Collected: 09/21/21 12:00

Matrix: Solid

Date Received: 09/23/21 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Lab Chronicle

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

Job ID: 500-205623-1

Client Sample ID: PZ-13 (2-4)
Date Collected: 09/21/21 12:00
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-12
Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/21/21 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 18:55	STW	TAL CHI

Client Sample ID: PZ-14 (2-4)
Date Collected: 09/22/21 09:45
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: PZ-14 (2-4)
Date Collected: 09/22/21 09:45
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-13
Matrix: Solid
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/22/21 09:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 19:20	STW	TAL CHI

Client Sample ID: PZ-14 (5-6)
Date Collected: 09/22/21 09:50
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	620032	09/23/21 14:27	LWN	TAL CHI

Client Sample ID: PZ-14 (5-6)
Date Collected: 09/22/21 09:50
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-14
Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/22/21 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 19:45	STW	TAL CHI

Client Sample ID: Trip Blank
Date Collected: 09/20/21 00:00
Date Received: 09/23/21 10:10

Lab Sample ID: 500-205623-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			620069	09/20/21 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	620804	09/29/21 13:28	STW	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 500-205623-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

1

2

3

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12

13

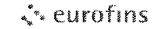
14

15

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 DUNCAN GLASFORD		Lab PM Fredrick Sandie		Carrier Tracking Note(s)		COC No. 500-94842-41997 1		
Client Contact: Duncan Glasford SUSAN PETROFSKE		Phone 262 573 6315		E-Mail sandra.fredrick@eurofinset.com		State of Origin		Page Page 1 of 2		
Company Ramboll US Corporation		FWSID		Analysis Requested		Job # 500-205623		Preservation Codes		
Address 234 W Florida Street Fifth Floor		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MS (Yes or No) 8260B VOC 8270D PAH PCRA METALS		Total Number of Containers 0		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 Dodecahydra.e I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EPA Z other specify		
City Milwaukee		TAT Requested (days)						Other:		
State Zip WI 53204		Compliance Project. Δ Yes Δ No								
Phone 500-205623 COC		PC # 1690019558								
E-mail SPETROFSKE DLGLASFORD@ramboll.com		WO #								
Project Name Former Mirro 20 Chilton 1690019558		Project # 50019131								
Site		SSOW#								
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)		
								Special Instructions/Note		
1 SB-100 (2-4)		9-20-21		1125		G		Solid		
2 MW-12 (2-4)		↓		1320		↓		Solid		
3 MW-11 (0-4)		↓		1430		↓		Solid		
4 SB-101 (2-4)		9-21-21		920		↓		Solid		
5 SB-102 (2-4)		↓		935		↓		Solid		
6 SB-104 (2-4)		↓		945		↓		Solid		
7 SB-103 (1.5-3.5)		↓		1000		↓		Solid		
8 SB-106 (2-4)		↓		1020		↓		Solid		
9 SB-105 (2-4)		↓		1046		↓		Solid		
10 SB-108 (2-4)		↓		1100		↓		Solid		
11 SB-107 (2-4)		↓		1110		↓		Solid		
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested I II III IV Other (specify)					Special Instructions/QC Requirements					
Empty Kit Relinquished by		Date		Time		Method of Shipment				
Relinquished by <i>[Signature]</i>		Date/Time 9-22-2021		Company RAMBOLL		Received by <i>[Signature]</i>		Date/Time 9/22/21 1600		Company TA
Relinquished by <i>[Signature]</i>		Date/Time 9-22-21 1700		Company TA		Received by <i>[Signature]</i>		Date/Time 9/23/21 1010		Company EPA/RET
Relinquished by		Date/Time		Company		Received by		Date/Time		Company
Custody Seals Intact Δ Yes Δ No		Custody Seal No		Cooler Temperature(s) (and Other Remarks 5.8						

Ver 06/08/2011



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 DUNCAN GLASFORD	Lab PM Fredrick Sandie	Carrier Tracking No's	COC No: 500-94842-41997 2																																
Client Contact: Duncan Glasford SUSAN PETROFSKE		Phone 262-573-6315	E-Mail sandra.fredrick@eurofinset.com	State of Origin	Page: Page 2 of 2																																
Company Ramboll US Corporation		PWSID	Analysis Requested		Job # 500-205623																																
Address 234 W Florida Street Fifth Floor		Due Date Requested	<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td><td></td></tr> <tr><td>Perform MS/MS (Yes or No)</td><td></td></tr> <tr><td>8260B - VOC</td><td></td></tr> <tr><td>8270D - PAH</td><td></td></tr> </table>		Field Filtered Sample (Yes or No)		Perform MS/MS (Yes or No)		8260B - VOC		8270D - PAH		Preservation Codes <table border="0"> <tr><td>A HCL</td><td>M Hexane</td></tr> <tr><td>B NaOH</td><td>N None</td></tr> <tr><td>C Zn Acetate</td><td>O AsNaO⁺</td></tr> <tr><td>D Nitric Acid</td><td>P Na2O4S</td></tr> <tr><td>E NaHSO4</td><td>Q Na2SO3</td></tr> <tr><td>F MeOH</td><td>R Na2S2O3</td></tr> <tr><td>G Amchlor</td><td>S H2SO4</td></tr> <tr><td>H Ascorbic Acid</td><td>T TSP Dodecahyd aie</td></tr> <tr><td>I Ice</td><td>U Acetone</td></tr> <tr><td>J DI Water</td><td>V M⁺A</td></tr> <tr><td>K EDTA</td><td>W pH 4-5</td></tr> <tr><td>L EDA</td><td>Z other specify)</td></tr> </table>	A HCL	M Hexane	B NaOH	N None	C Zn Acetate	O AsNaO ⁺	D Nitric Acid	P Na2O4S	E NaHSO4	Q Na2SO3	F MeOH	R Na2S2O3	G Amchlor	S H2SO4	H Ascorbic Acid	T TSP Dodecahyd aie	I Ice	U Acetone	J DI Water	V M ⁺ A	K EDTA	W pH 4-5	L EDA	Z other specify)
Field Filtered Sample (Yes or No)																																					
Perform MS/MS (Yes or No)																																					
8260B - VOC																																					
8270D - PAH																																					
A HCL	M Hexane																																				
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D Nitric Acid	P Na2O4S																																				
E NaHSO4	Q Na2SO3																																				
F MeOH	R Na2S2O3																																				
G Amchlor	S H2SO4																																				
H Ascorbic Acid	T TSP Dodecahyd aie																																				
I Ice	U Acetone																																				
J DI Water	V M ⁺ A																																				
K EDTA	W pH 4-5																																				
L EDA	Z other specify)																																				
City Milwaukee		TAT Requested (days)																																			
State/Zip WI 53204		Compliance Project. <input type="checkbox"/> Yes <input type="checkbox"/> No																																			
Phone		PC # 1690019558																																			
Email SPETROFSKE DGLASFORD@ramboll.com		WO #																																			
Project Name Former Mirro 20 Chilton 1690019558		Project # 50019131																																			
S.e		SSOW#																																			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=TB+us, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MS (Yes or No)	8260B - VOC	8270D - PAH	Total Number of Containers	Special Instructions/Note
					X	N	N			
12 PZ-13 (2-4)	9-21-21	1200	G	Solid	X					
13 PZ-14 (2-4)	9-22-21	945	↓	Solid	X					
14 PZ-14 (5-6)	↓	950	↓	Solid	X					
15 TRIP BLANK	—	—	—	Solid	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"/> Radio logical				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			
De verable Requested I II III IV Other (specify)				Special Instructions/QC Requirements			
Empty Kit Relinquished by		Date		Time		Method of Shipment	
Relinquished by <i>[Signature]</i>		Date/Time 9-22-2021		Company RAMBOLL		Received by <i>[Signature]</i>	
Relinquished by <i>[Signature]</i>		Date/Time 9/22/21 1700		Company TA		Date/Time 9/23/21 1600	
Relinquished by <i>[Signature]</i>		Date/Time		Company		Date/Time 9/23/21 1010	
Company		Company		Company		Company	
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No			
Cooler Temperature(s) and Other Remarks							

vcr 06 08 2021

12
13
14
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Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-205623-1

Login Number: 205623

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	5.8
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.	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	

