

**Via Email: John.Moll@wisconsin.gov
and WDNR Document Submittal Portal**

Mr. Greg Moll
Wisconsin Department of Natural Resources
Milwaukee Service Center
1027 W. St. Paul Avenue
Milwaukee, WI 53233

**SOIL RESULTS FOR SCOT INDUSTRIES, INC.
1532 WEST GALENA STREET, MILWAUKEE, WISCONSIN
BRRTS NO. 02-41-587342 (VPLE NO. 06-41-590344)**

Dear Mr. Moll:

Ramboll US Consulting, Inc. (Ramboll) received the soil analytical results from the sampling of two boring locations that were completed on December 29, 2022. This transmittal is in accordance with the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in Table 1, the soil boring locations are illustrated in Figure 1, and the laboratory report is provided as Attachment A. A discussion of these results will be included in a forthcoming report.

January 26, 2023

Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
USA

Please let us know if you have any questions or if you would like us to upload a copy of this submittal to the WDNR document portal.

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Sincerely yours,

Ramboll US Consulting, Inc.

Ref. 1690020135-001



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cc: Kai Hansen, Scot Industries, Inc.

ATTACHMENTS

- Table 1: Soil Analytical Results
- Figure 1: Site Layout
- Attachment A: Laboratory Analytical Report

TABLE

Table 1
Soil Analytical Results
Scot Industries Site Investigation
1532 West Galena Street, Milwaukee, WI, 53205
Ramboll Project No. 1690020135

Parameters	Soil RCLs			BTV	SB-18R (8-10) 12/29/2022	MW-21 (2-3) 12/29/2022
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater Pathway			
Metals (mg/kg)						
Arsenic ²	0.677	3.00	0.58	8.3	2.5	7.0
Barium ²	15,300	100,000	164.8	364	53	120
Cadmium ²	71	985	0.75	1.07	0.17 J	0.24
Chromium	--	--	360,000	43.5	17 F1	23
Lead ²	400	800	27	51.6	8.2	16
Mercury	3.13	3.13	0.21	--	0.0093 J	0.029
Silver	391	5,840	0.85	--	0.19 J	0.40 J

Notes:

RCL = Residual Contaminant Level

BTV = Background Threshold Value

mg/kg = milligrams per kilogram

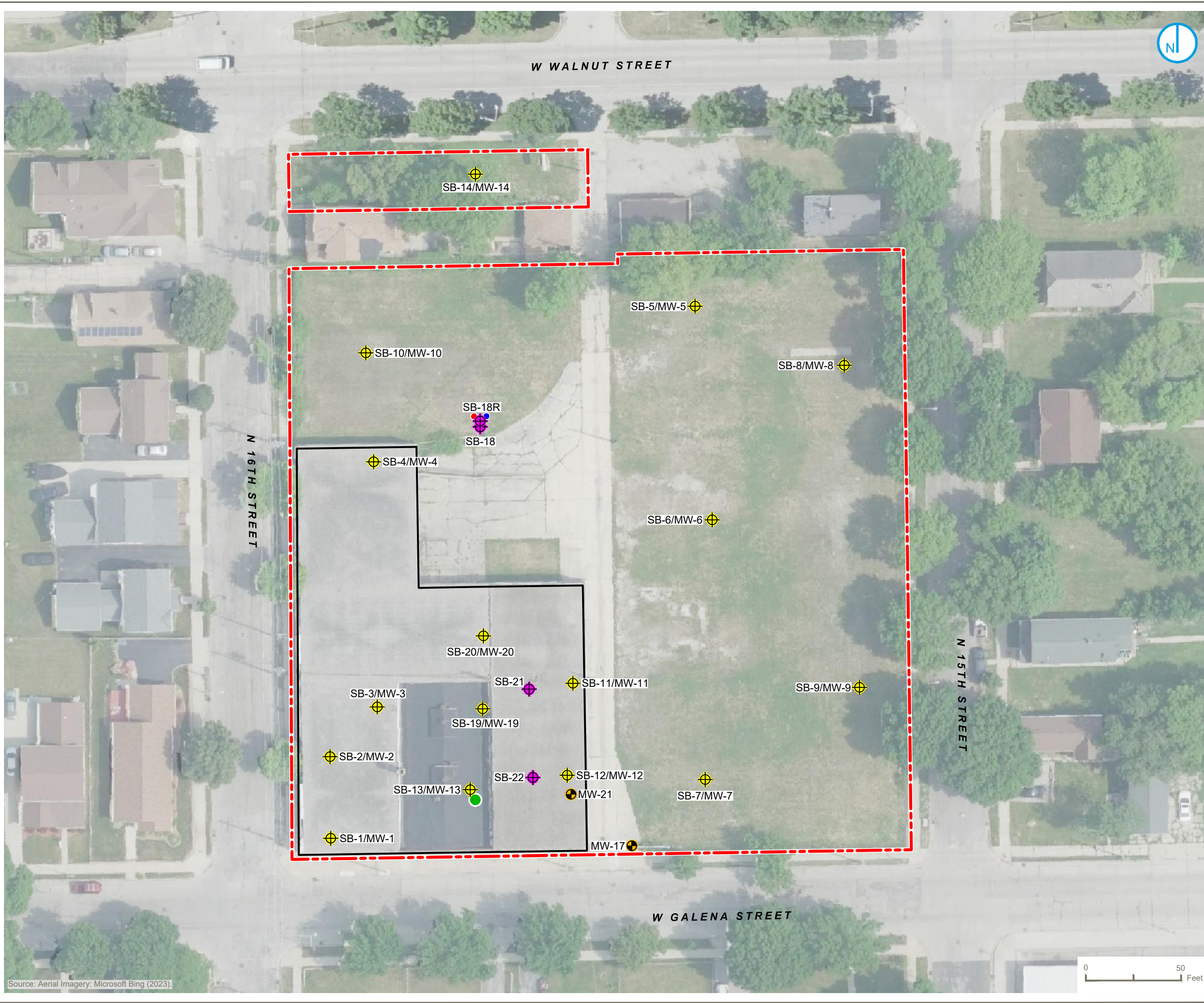
² Parameter BTV is larger than one or more of the RCLs or is the only standard available.

J Estimated concentration at or above the level of detection (LOD) and below the level of quantification (LOQ).

F2 = MS/MSD relative percent difference (RPD) exceeds control limits.

Soil RCLs and surficial BTVs established by the WDNR RR program using the EPA's RSL web-calculator with WAC NR 720 default parameters (WDNR PUB-RR-890, June 2014 - updated RCL spreadsheet, December 2018).

FIGURE



Source: Aerial Imagery: Microsoft Bing (2023).

LEGEND

- - - PROPERTY BOUNDARY (APPROXIMATE)
- FORMER 300-GALLON GASOLINE UST
- FORMER 300-GALLON DIESEL UST
- FORMER 8,000-GALLON DIESEL UST
- ⊕ SOIL BORING/TEMPORARY WELL LOCATION
- ⊕ SOIL BORING LOCATION
- ⊕ MONITORING WELL LOCATION

Site Layout

SCOT INDUSTRIES
1532 WEST GALENA STREET
MILWAUKEE, WISCONSIN

FIGURE 01

ATTACHMENT A
LABORATORY ANALYTICAL REPORT



ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Heimstead
Ramboll US Corporation
234 W. Florida Street
Fifth Floor
Milwaukee, Wisconsin 53204

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JOB DESCRIPTION

Scot Industries 1690020135-001

JOB NUMBER

500-227490-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Job ID: 500-227490-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-227490-1

Comments

No additional comments.

Receipt

The samples were received on 12/30/2022 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) for 692322 and 692352 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 500-692352 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-18R (8-10) (500-227490-1), MW-21 (2-3) (500-227490-2) and TRIP BLANK (500-227490-3).

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: Perylene-d12 Internal standard (ISTD) response for the following samples was outside of acceptance limits: SB-18R (8-10) (500-227490-1) and MW-21 (2-3) (500-227490-2). Analytes associated to this internal standard were non-detect and/or below the reporting limit; therefore, re-analysis was not performed.

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: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: SB-18R (8-10)

Lab Sample ID: 500-227490-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.5		1.0	0.34	mg/Kg	1	✳	6010B	Total/NA
Barium	53		1.0	0.11	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.17	J	0.20	0.036	mg/Kg	1	✳	6010B	Total/NA
Chromium	17	F1	1.0	0.50	mg/Kg	1	✳	6010B	Total/NA
Lead	8.2		0.50	0.23	mg/Kg	1	✳	6010B	Total/NA
Silver	0.19	J	0.50	0.13	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.0093	J	0.018	0.0060	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: MW-21 (2-3)

Lab Sample ID: 500-227490-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		1.2	0.40	mg/Kg	1	✳	6010B	Total/NA
Barium	120		1.2	0.13	mg/Kg	1	✳	6010B	Total/NA
Cadmium	0.24		0.24	0.042	mg/Kg	1	✳	6010B	Total/NA
Chromium	23		1.2	0.58	mg/Kg	1	✳	6010B	Total/NA
Lead	16		0.59	0.27	mg/Kg	1	✳	6010B	Total/NA
Silver	0.40	J	0.59	0.15	mg/Kg	1	✳	6010B	Total/NA
Mercury	0.029		0.020	0.0066	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-227490-3

No Detections.

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

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

Sample Summary

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-227490-1	SB-18R (8-10)	Solid	12/29/22 09:20	12/30/22 09:15
500-227490-2	MW-21 (2-3)	Solid	12/29/22 10:45	12/30/22 09:15
500-227490-3	TRIP BLANK	Solid	12/29/22 00:00	12/30/22 09:15

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: SB-18R (8-10)

Lab Sample ID: 500-227490-1

Date Collected: 12/29/22 09:20

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 85.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.7		17	9.7	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Bromobenzene	<24		67	24	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Bromochloromethane	<29		67	29	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Bromodichloromethane	<25		67	25	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Bromoform	<32		67	32	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Bromomethane	<53	*+	200	53	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Carbon tetrachloride	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Chlorobenzene	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Chloroethane	<34		67	34	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Chloroform	<25		130	25	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Chloromethane	<21		67	21	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
2-Chlorotoluene	<21		67	21	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
4-Chlorotoluene	<23		67	23	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
cis-1,2-Dichloroethene	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
cis-1,3-Dichloropropene	<28		67	28	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Dibromochloromethane	<33		67	33	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,2-Dibromoethane (EDB)	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Dibromomethane	<18		67	18	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,2-Dichlorobenzene	<22		67	22	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,3-Dichlorobenzene	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,4-Dichlorobenzene	<24		67	24	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,1-Dichloroethane	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,2-Dichloroethane	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,1-Dichloroethene	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,2-Dichloropropane	<29		67	29	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,3-Dichloropropane	<24		67	24	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
2,2-Dichloropropane	<30		67	30	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,1-Dichloropropene	<20		67	20	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Ethylbenzene	<12		17	12	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Hexachlorobutadiene	<30		67	30	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Isopropylbenzene	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Isopropyl ether	<18		67	18	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Methylene Chloride	<110		330	110	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Methyl tert-butyl ether	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Naphthalene	<22		67	22	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
n-Butylbenzene	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
N-Propylbenzene	<28		67	28	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
p-Isopropyltoluene	<24		67	24	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
sec-Butylbenzene	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Styrene	<26		67	26	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
tert-Butylbenzene	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,1,1,2-Tetrachloroethane	<31		67	31	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
1,1,2,2-Tetrachloroethane	<27		67	27	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Tetrachloroethene	<25		67	25	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
Toluene	<9.8		17	9.8	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
trans-1,2-Dichloroethene	<23		67	23	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50
trans-1,3-Dichloropropene	<24		67	24	ug/Kg	✳	12/29/22 09:20	01/04/23 16:39	50

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: SB-18R (8-10)

Lab Sample ID: 500-227490-1

Date Collected: 12/29/22 09:20

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 85.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		67	31	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,2,4-Trichlorobenzene	<23		67	23	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,1,1-Trichloroethane	<25		67	25	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,1,2-Trichloroethane	<23		67	23	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
Trichloroethene	<11		33	11	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
Trichlorofluoromethane	<29		67	29	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,2,3-Trichloropropane	<28		130	28	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,2,4-Trimethylbenzene	<24		67	24	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
1,3,5-Trimethylbenzene	<25		67	25	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
Vinyl chloride	<17		67	17	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50
Xylenes, Total	<15		33	15	ug/Kg	☼	12/29/22 09:20	01/04/23 16:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		72 - 124	12/29/22 09:20	01/04/23 16:39	50
Dibromofluoromethane (Surr)	97		75 - 120	12/29/22 09:20	01/04/23 16:39	50
1,2-Dichloroethane-d4 (Surr)	97		75 - 126	12/29/22 09:20	01/04/23 16:39	50
Toluene-d8 (Surr)	99		75 - 120	12/29/22 09:20	01/04/23 16:39	50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Anthracene	<6.1		36	6.1	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Benzo[a]anthracene	<4.9		36	4.9	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Benzo[a]pyrene	<7.1 *3		36	7.1	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Benzo[b]fluoranthene	<7.9 *3		36	7.9	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Benzo[g,h,i]perylene	<12 *3		36	12	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Benzo[k]fluoranthene	<11 *3		36	11	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Chrysene	<9.9		36	9.9	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Dibenz(a,h)anthracene	<7.0 *3		36	7.0	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Fluoranthene	<6.8		36	6.8	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Indeno[1,2,3-cd]pyrene	<9.4 *3		36	9.4	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
1-Methylnaphthalene	<8.9		73	8.9	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
2-Methylnaphthalene	<6.7		73	6.7	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Phenanthrene	<5.1		36	5.1	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1
Pyrene	<7.2		36	7.2	ug/Kg	☼	01/03/23 13:41	01/04/23 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		43 - 145	01/03/23 13:41	01/04/23 19:01	1
Nitrobenzene-d5 (Surr)	61		37 - 147	01/03/23 13:41	01/04/23 19:01	1
Terphenyl-d14 (Surr)	121		42 - 157	01/03/23 13:41	01/04/23 19:01	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		1.0	0.34	mg/Kg	☼	01/03/23 16:10	01/04/23 16:13	1
Barium	53		1.0	0.11	mg/Kg	☼	01/03/23 16:10	01/04/23 16:13	1
Cadmium	0.17 J		0.20	0.036	mg/Kg	☼	01/03/23 16:10	01/04/23 16:13	1
Chromium	17 F1		1.0	0.50	mg/Kg	☼	01/03/23 16:10	01/04/23 16:13	1

Eurofins Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: SB-18R (8-10)

Lab Sample ID: 500-227490-1

Date Collected: 12/29/22 09:20

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 85.8

Method: SW846 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.2		0.50	0.23	mg/Kg	✱	01/03/23 16:10	01/04/23 16:13	1
Selenium	<0.59	F1	1.0	0.59	mg/Kg	✱	01/03/23 16:10	01/04/23 16:13	1
Silver	0.19	J	0.50	0.13	mg/Kg	✱	01/03/23 16:10	01/04/23 16:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0093	J	0.018	0.0060	mg/Kg	✱	01/06/23 11:35	01/09/23 11:52	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: MW-21 (2-3)

Lab Sample ID: 500-227490-2

Date Collected: 12/29/22 10:45

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 77.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<12		20	12	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Bromobenzene	<28		79	28	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Bromochloromethane	<34		79	34	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Bromodichloromethane	<30		79	30	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Bromoform	<38		79	38	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Bromomethane	<63	*+	240	63	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Carbon tetrachloride	<30		79	30	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Chlorobenzene	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Chloroethane	<40		79	40	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Chloroform	<29		160	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Chloromethane	<25		79	25	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
2-Chlorotoluene	<25		79	25	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
4-Chlorotoluene	<28		79	28	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
cis-1,2-Dichloroethene	<32		79	32	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
cis-1,3-Dichloropropene	<33		79	33	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Dibromochloromethane	<39		79	39	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2-Dibromo-3-Chloropropane	<160		400	160	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2-Dibromoethane (EDB)	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Dibromomethane	<21		79	21	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2-Dichlorobenzene	<27		79	27	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,3-Dichlorobenzene	<32		79	32	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,4-Dichlorobenzene	<29		79	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Dichlorodifluoromethane	<53		240	53	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1-Dichloroethane	<33		79	33	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2-Dichloroethane	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1-Dichloroethene	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2-Dichloropropane	<34		79	34	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,3-Dichloropropane	<29		79	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
2,2-Dichloropropane	<35		79	35	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1-Dichloropropene	<24		79	24	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Ethylbenzene	<15		20	15	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Hexachlorobutadiene	<35		79	35	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Isopropylbenzene	<30		79	30	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Isopropyl ether	<22		79	22	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Methylene Chloride	<130		400	130	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Methyl tert-butyl ether	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Naphthalene	<27		79	27	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
n-Butylbenzene	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
N-Propylbenzene	<33		79	33	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
p-Isopropyltoluene	<29		79	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
sec-Butylbenzene	<32		79	32	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Styrene	<31		79	31	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
tert-Butylbenzene	<32		79	32	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1,1,2-Tetrachloroethane	<37		79	37	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1,2,2-Tetrachloroethane	<32		79	32	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Tetrachloroethene	<29		79	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Toluene	<12		20	12	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
trans-1,2-Dichloroethene	<28		79	28	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
trans-1,3-Dichloropropene	<29		79	29	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50

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Client Sample Results

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: MW-21 (2-3)

Lab Sample ID: 500-227490-2

Date Collected: 12/29/22 10:45

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 77.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<36		79	36	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2,4-Trichlorobenzene	<27		79	27	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1,1-Trichloroethane	<30		79	30	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,1,2-Trichloroethane	<28		79	28	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Trichloroethene	<13		40	13	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Trichlorofluoromethane	<34		79	34	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2,3-Trichloropropane	<33		160	33	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,2,4-Trimethylbenzene	<28		79	28	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
1,3,5-Trimethylbenzene	<30		79	30	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Vinyl chloride	<21		79	21	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Xylenes, Total	<17		40	17	ug/Kg	✱	12/29/22 10:45	01/04/23 17:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		72 - 124				12/29/22 10:45	01/04/23 17:03	50
Dibromofluoromethane (Surr)	97		75 - 120				12/29/22 10:45	01/04/23 17:03	50
1,2-Dichloroethane-d4 (Surr)	96		75 - 126				12/29/22 10:45	01/04/23 17:03	50
Toluene-d8 (Surr)	99		75 - 120				12/29/22 10:45	01/04/23 17:03	50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<11		59	11	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Acenaphthylene	<7.8		59	7.8	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Anthracene	<9.9		59	9.9	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Benzo[a]anthracene	<8.0		59	8.0	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Benzo[a]pyrene	<12 *3		59	12	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Benzo[b]fluoranthene	<13 *3		59	13	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Benzo[g,h,i]perylene	<19 *3		59	19	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Benzo[k]fluoranthene	<18 *3		59	18	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Chrysene	<16		59	16	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Dibenz(a,h)anthracene	<12 *3		59	12	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Fluoranthene	<11		59	11	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Fluorene	<8.4		59	8.4	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Indeno[1,2,3-cd]pyrene	<15 *3		59	15	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
1-Methylnaphthalene	<15		120	15	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
2-Methylnaphthalene	<11		120	11	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Naphthalene	<9.2		59	9.2	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Phenanthrene	<8.3		59	8.3	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Pyrene	<12		59	12	ug/Kg	✱	01/03/23 13:41	01/04/23 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		43 - 145				01/03/23 13:41	01/04/23 19:25	1
Nitrobenzene-d5 (Surr)	56		37 - 147				01/03/23 13:41	01/04/23 19:25	1
Terphenyl-d14 (Surr)	98		42 - 157				01/03/23 13:41	01/04/23 19:25	1

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		1.2	0.40	mg/Kg	✱	01/03/23 16:10	01/04/23 16:30	1
Barium	120		1.2	0.13	mg/Kg	✱	01/03/23 16:10	01/04/23 16:30	1
Cadmium	0.24		0.24	0.042	mg/Kg	✱	01/03/23 16:10	01/04/23 16:30	1
Chromium	23		1.2	0.58	mg/Kg	✱	01/03/23 16:10	01/04/23 16:30	1

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Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: MW-21 (2-3)

Lab Sample ID: 500-227490-2

Date Collected: 12/29/22 10:45

Matrix: Solid

Date Received: 12/30/22 09:15

Percent Solids: 77.8

Method: SW846 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.59	0.27	mg/Kg	☼	01/03/23 16:10	01/04/23 16:30	1
Selenium	<0.69		1.2	0.69	mg/Kg	☼	01/03/23 16:10	01/04/23 16:30	1
Silver	0.40	J	0.59	0.15	mg/Kg	☼	01/03/23 16:10	01/04/23 16:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.020	0.0066	mg/Kg	☼	01/06/23 11:35	01/09/23 11:57	1

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-227490-3

Date Collected: 12/29/22 00:00

Matrix: Solid

Date Received: 12/30/22 09:15

Method: SW846 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		12/29/22 00:00	01/04/23 17:27	50
Bromobenzene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Bromochloromethane	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Bromodichloromethane	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Bromoform	<24		50	24	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Bromomethane	<40	+	150	40	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Carbon tetrachloride	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Chlorobenzene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Chloroethane	<25		50	25	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Chloroform	<19		100	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Chloromethane	<16		50	16	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
2-Chlorotoluene	<16		50	16	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
4-Chlorotoluene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Dibromochloromethane	<24		50	24	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2-Dibromoethane (EDB)	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Dibromomethane	<14		50	14	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1-Dichloroethane	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2-Dichloroethane	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1-Dichloroethene	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2-Dichloropropane	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,3-Dichloropropane	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
2,2-Dichloropropane	<22		50	22	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1-Dichloropropene	<15		50	15	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Hexachlorobutadiene	<22		50	22	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Isopropylbenzene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Isopropyl ether	<14		50	14	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Methylene Chloride	<82		250	82	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Naphthalene	<17		50	17	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
n-Butylbenzene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
N-Propylbenzene	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
p-Isopropyltoluene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
sec-Butylbenzene	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Styrene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
tert-Butylbenzene	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Tetrachloroethene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Toluene	<7.4		13	7.4	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50

Eurofins Chicago

Client Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-227490-3

Date Collected: 12/29/22 00:00

Matrix: Solid

Date Received: 12/30/22 09:15

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Trichloroethene	<8.2		25	8.2	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Trichlorofluoromethane	<21		50	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Vinyl chloride	<13		50	13	ug/Kg		12/29/22 00:00	01/04/23 17:27	50
Xylenes, Total	<11		25	11	ug/Kg		12/29/22 00:00	01/04/23 17:27	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		72 - 124	12/29/22 00:00	01/04/23 17:27	50
Dibromofluoromethane (Surr)	97		75 - 120	12/29/22 00:00	01/04/23 17:27	50
1,2-Dichloroethane-d4 (Surr)	98		75 - 126	12/29/22 00:00	01/04/23 17:27	50
Toluene-d8 (Surr)	99		75 - 120	12/29/22 00:00	01/04/23 17:27	50

Definitions/Glossary

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
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: Scot Industries 1690020135-001

Job ID: 500-227490-1

GC/MS VOA

Prep Batch: 692322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	5035	
500-227490-2	MW-21 (2-3)	Total/NA	Solid	5035	
500-227490-3	TRIP BLANK	Total/NA	Solid	5035	
LB3 500-692322/10-A	Method Blank	Total/NA	Solid	5035	
LCS 500-692322/11-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 692352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	8260B	692322
500-227490-2	MW-21 (2-3)	Total/NA	Solid	8260B	692322
500-227490-3	TRIP BLANK	Total/NA	Solid	8260B	692322
LB3 500-692322/10-A	Method Blank	Total/NA	Solid	8260B	692322
MB 500-692352/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-692322/11-A	Lab Control Sample	Total/NA	Solid	8260B	692322
LCS 500-692352/5	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 692262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	3541	
500-227490-2	MW-21 (2-3)	Total/NA	Solid	3541	
MB 500-692262/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-692262/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 692398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	8270D	692262
500-227490-2	MW-21 (2-3)	Total/NA	Solid	8270D	692262

Analysis Batch: 692475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-692262/1-A	Method Blank	Total/NA	Solid	8270D	692262
LCS 500-692262/2-A	Lab Control Sample	Total/NA	Solid	8270D	692262

Metals

Prep Batch: 692308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	3050B	
500-227490-2	MW-21 (2-3)	Total/NA	Solid	3050B	
MB 500-692308/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-692308/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCS 500-692308/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
500-227490-1 MS	SB-18R (8-10)	Total/NA	Solid	3050B	
500-227490-1 MSD	SB-18R (8-10)	Total/NA	Solid	3050B	
500-227490-1 DU	SB-18R (8-10)	Total/NA	Solid	3050B	

Analysis Batch: 692544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	6010B	692308
500-227490-2	MW-21 (2-3)	Total/NA	Solid	6010B	692308

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QC Association Summary

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Metals (Continued)

Analysis Batch: 692544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-692308/1-A	Method Blank	Total/NA	Solid	6010B	692308
LCS 500-692308/2-A	Lab Control Sample	Total/NA	Solid	6010B	692308
500-227490-1 MS	SB-18R (8-10)	Total/NA	Solid	6010B	692308
500-227490-1 MSD	SB-18R (8-10)	Total/NA	Solid	6010B	692308
500-227490-1 DU	SB-18R (8-10)	Total/NA	Solid	6010B	692308

Analysis Batch: 692709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-692308/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	692308

Prep Batch: 692752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	7471B	
500-227490-2	MW-21 (2-3)	Total/NA	Solid	7471B	
MB 500-692752/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-692752/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 693082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	7471B	692752
500-227490-2	MW-21 (2-3)	Total/NA	Solid	7471B	692752
MB 500-692752/12-A	Method Blank	Total/NA	Solid	7471B	692752
LCS 500-692752/13-A	Lab Control Sample	Total/NA	Solid	7471B	692752

General Chemistry

Analysis Batch: 691946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-227490-1	SB-18R (8-10)	Total/NA	Solid	Moisture	
500-227490-2	MW-21 (2-3)	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-227490-1	SB-18R (8-10)	115	97	97	99
500-227490-2	MW-21 (2-3)	114	97	96	99
500-227490-3	TRIP BLANK	117	97	98	99
LB3 500-692322/10-A	Method Blank	107	96	92	99
LCS 500-692322/11-A	Lab Control Sample	109	97	96	101
LCS 500-692352/5	Lab Control Sample	101	98	93	98
MB 500-692352/7	Method Blank	106	98	95	96

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP	NBZ	TPHL
		(43-145)	(37-147)	(42-157)
500-227490-1	SB-18R (8-10)	72	61	121
500-227490-2	MW-21 (2-3)	61	56	98
LCS 500-692262/2-A	Lab Control Sample	101	84	108
MB 500-692262/1-A	Method Blank	80	68	103

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: LB3 500-692322/10-A
Matrix: Solid
Analysis Batch: 692352

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692322

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Bromobenzene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Bromochloromethane	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Bromodichloromethane	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Bromoform	<24		50	24	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Bromomethane	<40		150	40	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Carbon tetrachloride	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Chlorobenzene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Chloroethane	<25		50	25	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Chloroform	<19		100	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Chloromethane	<16		50	16	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
2-Chlorotoluene	<16		50	16	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
4-Chlorotoluene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Dibromochloromethane	<24		50	24	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2-Dibromoethane (EDB)	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Dibromomethane	<14		50	14	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1-Dichloroethane	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2-Dichloroethane	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1-Dichloroethene	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2-Dichloropropane	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,3-Dichloropropane	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
2,2-Dichloropropane	<22		50	22	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1-Dichloropropene	<15		50	15	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Hexachlorobutadiene	<22		50	22	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Isopropylbenzene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Isopropyl ether	<14		50	14	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Methylene Chloride	<82		250	82	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Naphthalene	<17		50	17	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
n-Butylbenzene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
N-Propylbenzene	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
p-Isopropyltoluene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
sec-Butylbenzene	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Styrene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
tert-Butylbenzene	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Tetrachloroethene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Toluene	<7.4		13	7.4	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: LB3 500-692322/10-A
Matrix: Solid
Analysis Batch: 692352

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692322

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Trichloroethene	<8.2		25	8.2	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Trichlorofluoromethane	<21		50	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Vinyl chloride	<13		50	13	ug/Kg		01/03/23 16:30	01/04/23 11:50	50
Xylenes, Total	<11		25	11	ug/Kg		01/03/23 16:30	01/04/23 11:50	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124	01/03/23 16:30	01/04/23 11:50	50
Dibromofluoromethane (Surr)	96		75 - 120	01/03/23 16:30	01/04/23 11:50	50
1,2-Dichloroethane-d4 (Surr)	92		75 - 126	01/03/23 16:30	01/04/23 11:50	50
Toluene-d8 (Surr)	99		75 - 120	01/03/23 16:30	01/04/23 11:50	50

Lab Sample ID: LCS 500-692322/11-A
Matrix: Solid
Analysis Batch: 692352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2580		ug/Kg		103	70 - 120
Bromobenzene	2500	2720		ug/Kg		109	70 - 122
Bromochloromethane	2500	2490		ug/Kg		100	65 - 122
Bromodichloromethane	2500	2770		ug/Kg		111	69 - 120
Bromoform	2500	3040		ug/Kg		122	56 - 132
Bromomethane	2500	4290	*+	ug/Kg		172	40 - 152
Carbon tetrachloride	2500	2740		ug/Kg		110	59 - 133
Chlorobenzene	2500	2680		ug/Kg		107	70 - 120
Chloroethane	2500	3110		ug/Kg		124	48 - 136
Chloroform	2500	2610		ug/Kg		104	70 - 120
Chloromethane	2500	1570		ug/Kg		63	56 - 152
2-Chlorotoluene	2500	2790		ug/Kg		111	70 - 125
4-Chlorotoluene	2500	2860		ug/Kg		114	68 - 124
cis-1,2-Dichloroethene	2500	2610		ug/Kg		104	70 - 125
cis-1,3-Dichloropropene	2500	2690		ug/Kg		108	64 - 127
Dibromochloromethane	2500	2950		ug/Kg		118	68 - 125
1,2-Dibromo-3-Chloropropane	2500	2470		ug/Kg		99	56 - 123
1,2-Dibromoethane (EDB)	2500	2600		ug/Kg		104	70 - 125
Dibromomethane	2500	2700		ug/Kg		108	70 - 120
1,2-Dichlorobenzene	2500	2480		ug/Kg		99	70 - 125
1,3-Dichlorobenzene	2500	2490		ug/Kg		100	70 - 125
1,4-Dichlorobenzene	2500	2510		ug/Kg		101	70 - 120
Dichlorodifluoromethane	2500	1270		ug/Kg		51	40 - 159
1,1-Dichloroethane	2500	2500		ug/Kg		100	70 - 125

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: LCS 500-692322/11-A
Matrix: Solid
Analysis Batch: 692352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	2500	2570		ug/Kg		103	68 - 127
1,1-Dichloroethene	2500	2480		ug/Kg		99	67 - 122
1,2-Dichloropropane	2500	2480		ug/Kg		99	67 - 130
1,3-Dichloropropane	2500	2750		ug/Kg		110	62 - 136
2,2-Dichloropropane	2500	2830		ug/Kg		113	58 - 139
1,1-Dichloropropene	2500	2600		ug/Kg		104	70 - 121
Ethylbenzene	2500	2680		ug/Kg		107	70 - 123
Hexachlorobutadiene	2500	1620		ug/Kg		65	51 - 150
Isopropylbenzene	2500	2770		ug/Kg		111	70 - 126
Methylene Chloride	2500	2620		ug/Kg		105	69 - 125
Methyl tert-butyl ether	2500	2540		ug/Kg		102	55 - 123
Naphthalene	2500	1860		ug/Kg		75	53 - 144
n-Butylbenzene	2500	2620		ug/Kg		105	68 - 125
N-Propylbenzene	2500	2890		ug/Kg		115	69 - 127
p-Isopropyltoluene	2500	2670		ug/Kg		107	70 - 125
sec-Butylbenzene	2500	2670		ug/Kg		107	70 - 123
Styrene	2500	2860		ug/Kg		115	70 - 120
tert-Butylbenzene	2500	2660		ug/Kg		106	70 - 121
1,1,1,2-Tetrachloroethane	2500	2600		ug/Kg		104	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	2840		ug/Kg		114	62 - 140
Tetrachloroethene	2500	2420		ug/Kg		97	70 - 128
Toluene	2500	2800		ug/Kg		112	70 - 125
trans-1,2-Dichloroethene	2500	2590		ug/Kg		103	70 - 125
trans-1,3-Dichloropropene	2500	2770		ug/Kg		111	62 - 128
1,2,3-Trichlorobenzene	2500	1610		ug/Kg		64	51 - 145
1,2,4-Trichlorobenzene	2500	1820		ug/Kg		73	57 - 137
1,1,1-Trichloroethane	2500	2580		ug/Kg		103	70 - 125
1,1,2-Trichloroethane	2500	2660		ug/Kg		106	71 - 130
Trichloroethene	2500	2510		ug/Kg		101	70 - 125
Trichlorofluoromethane	2500	2460		ug/Kg		98	55 - 128
1,2,3-Trichloropropane	2500	2850		ug/Kg		114	50 - 133
1,2,4-Trimethylbenzene	2500	2800		ug/Kg		112	70 - 123
1,3,5-Trimethylbenzene	2500	2800		ug/Kg		112	70 - 123
Vinyl chloride	2500	1930		ug/Kg		77	64 - 126
Xylenes, Total	5000	5550		ug/Kg		111	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		72 - 124
Dibromofluoromethane (Surr)	97		75 - 120
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-692352/7
Matrix: Solid
Analysis Batch: 692352

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.25	0.15	ug/Kg			01/04/23 10:13	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: MB 500-692352/7

Matrix: Solid

Analysis Batch: 692352

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromobenzene	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			01/04/23 10:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			01/04/23 10:13	1
Bromoform	<0.48		1.0	0.48	ug/Kg			01/04/23 10:13	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			01/04/23 10:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			01/04/23 10:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			01/04/23 10:13	1
Chloroform	<0.37		2.0	0.37	ug/Kg			01/04/23 10:13	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			01/04/23 10:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			01/04/23 10:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			01/04/23 10:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			01/04/23 10:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			01/04/23 10:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			01/04/23 10:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			01/04/23 10:13	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			01/04/23 10:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			01/04/23 10:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			01/04/23 10:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			01/04/23 10:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			01/04/23 10:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			01/04/23 10:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			01/04/23 10:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			01/04/23 10:13	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			01/04/23 10:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			01/04/23 10:13	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			01/04/23 10:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			01/04/23 10:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			01/04/23 10:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			01/04/23 10:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			01/04/23 10:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			01/04/23 10:13	1
Styrene	<0.39		1.0	0.39	ug/Kg			01/04/23 10:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			01/04/23 10:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			01/04/23 10:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			01/04/23 10:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			01/04/23 10:13	1
Toluene	<0.15		0.25	0.15	ug/Kg			01/04/23 10:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			01/04/23 10:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			01/04/23 10:13	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: MB 500-692352/7
Matrix: Solid
Analysis Batch: 692352

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			01/04/23 10:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			01/04/23 10:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			01/04/23 10:13	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			01/04/23 10:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			01/04/23 10:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			01/04/23 10:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			01/04/23 10:13	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			01/04/23 10:13	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			01/04/23 10:13	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			01/04/23 10:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		72 - 124		01/04/23 10:13	1
Dibromofluoromethane (Surr)	98		75 - 120		01/04/23 10:13	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		01/04/23 10:13	1
Toluene-d8 (Surr)	96		75 - 120		01/04/23 10:13	1

Lab Sample ID: LCS 500-692352/5
Matrix: Solid
Analysis Batch: 692352

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	50.0	49.4		ug/Kg		99	70 - 120
Bromobenzene	50.0	49.6		ug/Kg		99	70 - 122
Bromochloromethane	50.0	48.4		ug/Kg		97	65 - 122
Bromodichloromethane	50.0	53.5		ug/Kg		107	69 - 120
Bromoform	50.0	61.1		ug/Kg		122	56 - 132
Bromomethane	50.0	83.4	*+	ug/Kg		167	40 - 152
Carbon tetrachloride	50.0	54.6		ug/Kg		109	59 - 133
Chlorobenzene	50.0	51.1		ug/Kg		102	70 - 120
Chloroethane	50.0	56.3		ug/Kg		113	48 - 136
Chloroform	50.0	49.4		ug/Kg		99	70 - 120
Chloromethane	50.0	37.6		ug/Kg		75	56 - 152
2-Chlorotoluene	50.0	52.2		ug/Kg		104	70 - 125
4-Chlorotoluene	50.0	54.1		ug/Kg		108	68 - 124
cis-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	70 - 125
cis-1,3-Dichloropropene	50.0	51.3		ug/Kg		103	64 - 127
Dibromochloromethane	50.0	57.3		ug/Kg		115	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	54.7		ug/Kg		109	56 - 123
1,2-Dibromoethane (EDB)	50.0	51.6		ug/Kg		103	70 - 125
Dibromomethane	50.0	51.1		ug/Kg		102	70 - 120
1,2-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 125
1,3-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 125
1,4-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 120
Dichlorodifluoromethane	50.0	39.6		ug/Kg		79	40 - 159
1,1-Dichloroethane	50.0	47.9		ug/Kg		96	70 - 125
1,2-Dichloroethane	50.0	48.8		ug/Kg		98	68 - 127
1,1-Dichloroethene	50.0	50.1		ug/Kg		100	67 - 122

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: LCS 500-692352/5
Matrix: Solid
Analysis Batch: 692352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	50.0	46.1		ug/Kg		92	67 - 130
1,3-Dichloropropane	50.0	51.6		ug/Kg		103	62 - 136
2,2-Dichloropropane	50.0	61.0		ug/Kg		122	58 - 139
1,1-Dichloropropene	50.0	50.9		ug/Kg		102	70 - 121
Ethylbenzene	50.0	52.7		ug/Kg		105	70 - 123
Hexachlorobutadiene	50.0	39.2		ug/Kg		78	51 - 150
Isopropylbenzene	50.0	51.2		ug/Kg		102	70 - 126
Methylene Chloride	50.0	50.3		ug/Kg		101	69 - 125
Methyl tert-butyl ether	50.0	48.4		ug/Kg		97	55 - 123
Naphthalene	50.0	44.8		ug/Kg		90	53 - 144
n-Butylbenzene	50.0	54.7		ug/Kg		109	68 - 125
N-Propylbenzene	50.0	54.1		ug/Kg		108	69 - 127
p-Isopropyltoluene	50.0	53.1		ug/Kg		106	70 - 125
sec-Butylbenzene	50.0	53.0		ug/Kg		106	70 - 123
Styrene	50.0	54.9		ug/Kg		110	70 - 120
tert-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 121
1,1,1,2-Tetrachloroethane	50.0	50.3		ug/Kg		101	70 - 125
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/Kg		109	62 - 140
Tetrachloroethene	50.0	47.1		ug/Kg		94	70 - 128
Toluene	50.0	53.0		ug/Kg		106	70 - 125
trans-1,2-Dichloroethene	50.0	51.0		ug/Kg		102	70 - 125
trans-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	62 - 128
1,2,3-Trichlorobenzene	50.0	39.5		ug/Kg		79	51 - 145
1,2,4-Trichlorobenzene	50.0	43.8		ug/Kg		88	57 - 137
1,1,1-Trichloroethane	50.0	51.8		ug/Kg		104	70 - 125
1,1,2-Trichloroethane	50.0	50.3		ug/Kg		101	71 - 130
Trichloroethene	50.0	48.8		ug/Kg		98	70 - 125
Trichlorofluoromethane	50.0	51.7		ug/Kg		103	55 - 128
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	50 - 133
1,2,4-Trimethylbenzene	50.0	54.2		ug/Kg		108	70 - 123
1,3,5-Trimethylbenzene	50.0	53.3		ug/Kg		107	70 - 123
Vinyl chloride	50.0	48.6		ug/Kg		97	64 - 126
Xylenes, Total	100	108		ug/Kg		108	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	93		75 - 126
Toluene-d8 (Surr)	98		75 - 120

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

Lab Sample ID: MB 500-692262/1-A
Matrix: Solid
Analysis Batch: 692475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<6.0		33	6.0	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		01/03/23 13:41	01/04/23 17:19	1

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: MB 500-692262/1-A
Matrix: Solid
Analysis Batch: 692475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692262

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Anthracene	<5.6		33	5.6	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Chrysene	<9.1		33	9.1	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Fluoranthene	<6.2		33	6.2	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Fluorene	<4.7		33	4.7	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Naphthalene	<5.1		33	5.1	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Phenanthrene	<4.6		33	4.6	ug/Kg		01/03/23 13:41	01/04/23 17:19	1
Pyrene	<6.6		33	6.6	ug/Kg		01/03/23 13:41	01/04/23 17:19	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	80		43 - 145	01/03/23 13:41	01/04/23 17:19	1
Nitrobenzene-d5 (Surr)	68		37 - 147	01/03/23 13:41	01/04/23 17:19	1
Terphenyl-d14 (Surr)	103		42 - 157	01/03/23 13:41	01/04/23 17:19	1

Lab Sample ID: LCS 500-692262/2-A
Matrix: Solid
Analysis Batch: 692475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthylene	1330	1350		ug/Kg		101	68 - 120
Anthracene	1330	1120		ug/Kg		84	70 - 114
Benzo[a]anthracene	1330	1460		ug/Kg		109	67 - 122
Benzo[a]pyrene	1330	1250		ug/Kg		93	65 - 133
Benzo[b]fluoranthene	1330	1200		ug/Kg		90	69 - 129
Benzo[g,h,i]perylene	1330	1400		ug/Kg		105	72 - 131
Benzo[k]fluoranthene	1330	1260		ug/Kg		94	68 - 127
Chrysene	1330	1410		ug/Kg		106	63 - 120
Dibenz(a,h)anthracene	1330	1320		ug/Kg		99	64 - 131
Fluoranthene	1330	1210		ug/Kg		91	62 - 120
Fluorene	1330	1150		ug/Kg		86	62 - 120
Indeno[1,2,3-cd]pyrene	1330	1410		ug/Kg		106	68 - 130
1-Methylnaphthalene	1330	1260		ug/Kg		95	68 - 111
2-Methylnaphthalene	1330	1300		ug/Kg		98	69 - 112
Naphthalene	1330	1270		ug/Kg		95	63 - 110
Phenanthrene	1330	1090		ug/Kg		82	62 - 120
Pyrene	1330	1430		ug/Kg		107	61 - 128

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	101		43 - 145

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QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: LCS 500-692262/2-A
Matrix: Solid
Analysis Batch: 692475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692262

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	84		37 - 147
Terphenyl-d14 (Surr)	108		42 - 157

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-692308/1-A
Matrix: Solid
Analysis Batch: 692544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692308

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	<0.34		1.0	0.34	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Barium	<0.11		1.0	0.11	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Cadmium	<0.036		0.20	0.036	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Chromium	<0.50		1.0	0.50	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Lead	<0.23		0.50	0.23	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Selenium	<0.59		1.0	0.59	mg/Kg		01/03/23 16:10	01/04/23 15:54		1
Silver	<0.13		0.50	0.13	mg/Kg		01/03/23 16:10	01/04/23 15:54		1

Lab Sample ID: LCS 500-692308/2-A
Matrix: Solid
Analysis Batch: 692544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692308

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Arsenic	10.0	9.09		mg/Kg		91		80 - 120
Barium	200	200		mg/Kg		100		80 - 120
Cadmium	5.00	4.63		mg/Kg		93		80 - 120
Chromium	20.0	18.5		mg/Kg		92		80 - 120
Lead	10.0	9.27		mg/Kg		93		80 - 120
Selenium	10.0	8.16		mg/Kg		82		80 - 120

Lab Sample ID: LCS 500-692308/2-A ^2
Matrix: Solid
Analysis Batch: 692709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692308

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Silver	5.00	4.19		mg/Kg		84		80 - 120

Lab Sample ID: 500-227490-1 MS
Matrix: Solid
Analysis Batch: 692544

Client Sample ID: SB-18R (8-10)
Prep Type: Total/NA
Prep Batch: 692308

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	Limits
				Result	Qualifier					
Arsenic	2.5		9.93	11.0		mg/Kg	⊛	85		75 - 125
Barium	53		199	221		mg/Kg	⊛	84		75 - 125
Cadmium	0.17	J	4.97	4.38		mg/Kg	⊛	85		75 - 125
Chromium	17	F1	19.9	31.1	F1	mg/Kg	⊛	71		75 - 125
Lead	8.2		9.93	15.7		mg/Kg	⊛	75		75 - 125
Selenium	<0.59	F1	9.93	7.36	F1	mg/Kg	⊛	74		75 - 125
Silver	0.19	J	4.97	3.89		mg/Kg	⊛	75		75 - 125

Eurofins Chicago

QC Sample Results

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

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

Lab Sample ID: 500-227490-1 MSD
Matrix: Solid
Analysis Batch: 692544

Client Sample ID: SB-18R (8-10)
Prep Type: Total/NA
Prep Batch: 692308

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
Arsenic	2.5		10.8	12.2		mg/Kg	☼	90	75 - 125	11	20
Barium	53		217	262		mg/Kg	☼	97	75 - 125	17	20
Cadmium	0.17	J	5.42	4.81		mg/Kg	☼	86	75 - 125	10	20
Chromium	17	F1	21.7	35.5		mg/Kg	☼	86	75 - 125	13	20
Lead	8.2		10.8	18.3		mg/Kg	☼	93	75 - 125	15	20
Selenium	<0.59	F1	10.8	7.65	F1	mg/Kg	☼	71	75 - 125	4	20
Silver	0.19	J	5.42	4.34		mg/Kg	☼	77	75 - 125	11	20

Lab Sample ID: 500-227490-1 DU
Matrix: Solid
Analysis Batch: 692544

Client Sample ID: SB-18R (8-10)
Prep Type: Total/NA
Prep Batch: 692308

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier		Result				Qualifier
Arsenic	2.5		2.67		mg/Kg	☼	6	20
Barium	53		42.1	F3	mg/Kg	☼	23	20
Cadmium	0.17	J	0.168	J	mg/Kg	☼	2	20
Chromium	17	F1	16.5		mg/Kg	☼	2	20
Lead	8.2		8.49		mg/Kg	☼	3	20
Selenium	<0.59	F1	<0.66		mg/Kg	☼	NC	20
Silver	0.19	J	0.237	J F5	mg/Kg	☼	21	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-692752/12-A
Matrix: Solid
Analysis Batch: 693082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692752

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.0056		0.017	0.0056	mg/Kg		01/06/23 11:35	01/09/23 10:20	1

Lab Sample ID: LCS 500-692752/13-A
Matrix: Solid
Analysis Batch: 693082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692752

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Added
Mercury	0.165	0.155		mg/Kg		94	80 - 120

Lab Chronicle

Client: Ramboll US Corporation
 Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Client Sample ID: SB-18R (8-10)
Date Collected: 12/29/22 09:20
Date Received: 12/30/22 09:15

Lab Sample ID: 500-227490-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	691946	LWN	EET CHI	12/30/22 10:56

Client Sample ID: SB-18R (8-10)
Date Collected: 12/29/22 09:20
Date Received: 12/30/22 09:15

Lab Sample ID: 500-227490-1
Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			692322	WRE	EET CHI	12/29/22 09:20
Total/NA	Analysis	8260B		50	692352	W1T	EET CHI	01/04/23 16:39
Total/NA	Prep	3541			692262	EK	EET CHI	01/03/23 13:41 - 01/03/23 21:00 ¹
Total/NA	Analysis	8270D		1	692398	SS	EET CHI	01/04/23 19:01
Total/NA	Prep	3050B			692308	RN	EET CHI	01/03/23 16:10 - 01/03/23 16:40 ¹
Total/NA	Analysis	6010B		1	692544	JJB	EET CHI	01/04/23 16:13
Total/NA	Prep	7471B			692752	MJG	EET CHI	01/06/23 11:35
Total/NA	Analysis	7471B		1	693082	MJG	EET CHI	01/09/23 11:52

Client Sample ID: MW-21 (2-3)
Date Collected: 12/29/22 10:45
Date Received: 12/30/22 09:15

Lab Sample ID: 500-227490-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	691946	LWN	EET CHI	12/30/22 10:56

Client Sample ID: MW-21 (2-3)
Date Collected: 12/29/22 10:45
Date Received: 12/30/22 09:15

Lab Sample ID: 500-227490-2
Matrix: Solid
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			692322	WRE	EET CHI	12/29/22 10:45
Total/NA	Analysis	8260B		50	692352	W1T	EET CHI	01/04/23 17:03
Total/NA	Prep	3541			692262	EK	EET CHI	01/03/23 13:41 - 01/03/23 21:00 ¹
Total/NA	Analysis	8270D		1	692398	SS	EET CHI	01/04/23 19:25
Total/NA	Prep	3050B			692308	RN	EET CHI	01/03/23 16:10 - 01/03/23 16:40 ¹
Total/NA	Analysis	6010B		1	692544	JJB	EET CHI	01/04/23 16:30
Total/NA	Prep	7471B			692752	MJG	EET CHI	01/06/23 11:35
Total/NA	Analysis	7471B		1	693082	MJG	EET CHI	01/09/23 11:57

Client Sample ID: TRIP BLANK
Date Collected: 12/29/22 00:00
Date Received: 12/30/22 09:15

Lab Sample ID: 500-227490-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			692322	WRE	EET CHI	12/29/22 00:00
Total/NA	Analysis	8260B		50	692352	W1T	EET CHI	01/04/23 17:27

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Lab Chronicle

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Laboratory References:

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

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Accreditation/Certification Summary

Client: Ramboll US Corporation
Project/Site: Scot Industries 1690020135-001

Job ID: 500-227490-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

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Eurofins Chicago

241 W Bond Street
University Park IL 60464
Phone 708-534-5200 Fax 708-534 5211

Chain of Custody Record



E

Client Information		Sampler K. HEIMSTEAD		Lab PM Fredrick Sandie		Carrier Tracking No(s) 500-227490 COC 1																																																																									
Client Contact Kyle Heimstead		Phone 262-901-0135		E-Mail Sandra.Fredrick@eurofins.com		State of Origin																																																																									
Company Ramboll US Corporation		PW/SIC		Analysis Requested																																																																											
Address 234 W Florida Street Fifth Floor		Due Date Requested		<table border="1"> <tr> <td rowspan="5">Field Filtered Sample (Yes or No)</td> <td rowspan="5">Perform MSD/MSD (Yes or No)</td> <td>8240B VOC</td> <td>6010B, 7471B 8270D</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>				Field Filtered Sample (Yes or No)	Perform MSD/MSD (Yes or No)	8240B VOC	6010B, 7471B 8270D	Total Number of Containers																																																																			
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Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks 2.9-1.9																																																																											

Login Sample Receipt Checklist

Client: Ramboll US Corporation

Job Number: 500-227490-1

Login Number: 227490

List Number: 1

Creator: James, Jeff A

List Source: Eurofins Chicago

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	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <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	

