ENVIRONMENT
& HEALTH

Sent Electronically to John.Moll@wisconsin.gov and WDNR Document Portal

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

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

December 21, 2023

Dear Mr. Moll:

Ramboll Americas Engineering Solutions, Inc. received the groundwater analytical results from the sampling of 16 monitoring wells on December 19, 2023. The wells at the subject site were sampled on December 4-5, 2023. This transmittal is in accordance with the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The monitoring well locations are illustrated in Figure 1 and the laboratory report is provided in Attachment A. A discussion of these results will be included in a forthcoming report.

I trust that the information provided in this email satisfies your needs. Please let me know if you have any questions or comments regarding this submittal.

Sincerely yours,
Ramboll Americas Engineering Solutions, Inc.

Richard Mazurkiewicz
Managing Consultant

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rmazurkiewicz@ramboll.com

Ramboll
234 West Florida St., 5th Floor
Milwaukee, WI 53204
USA

Phone: 414-837-3607
Fax: 414-837-3608
www.ramboll.com

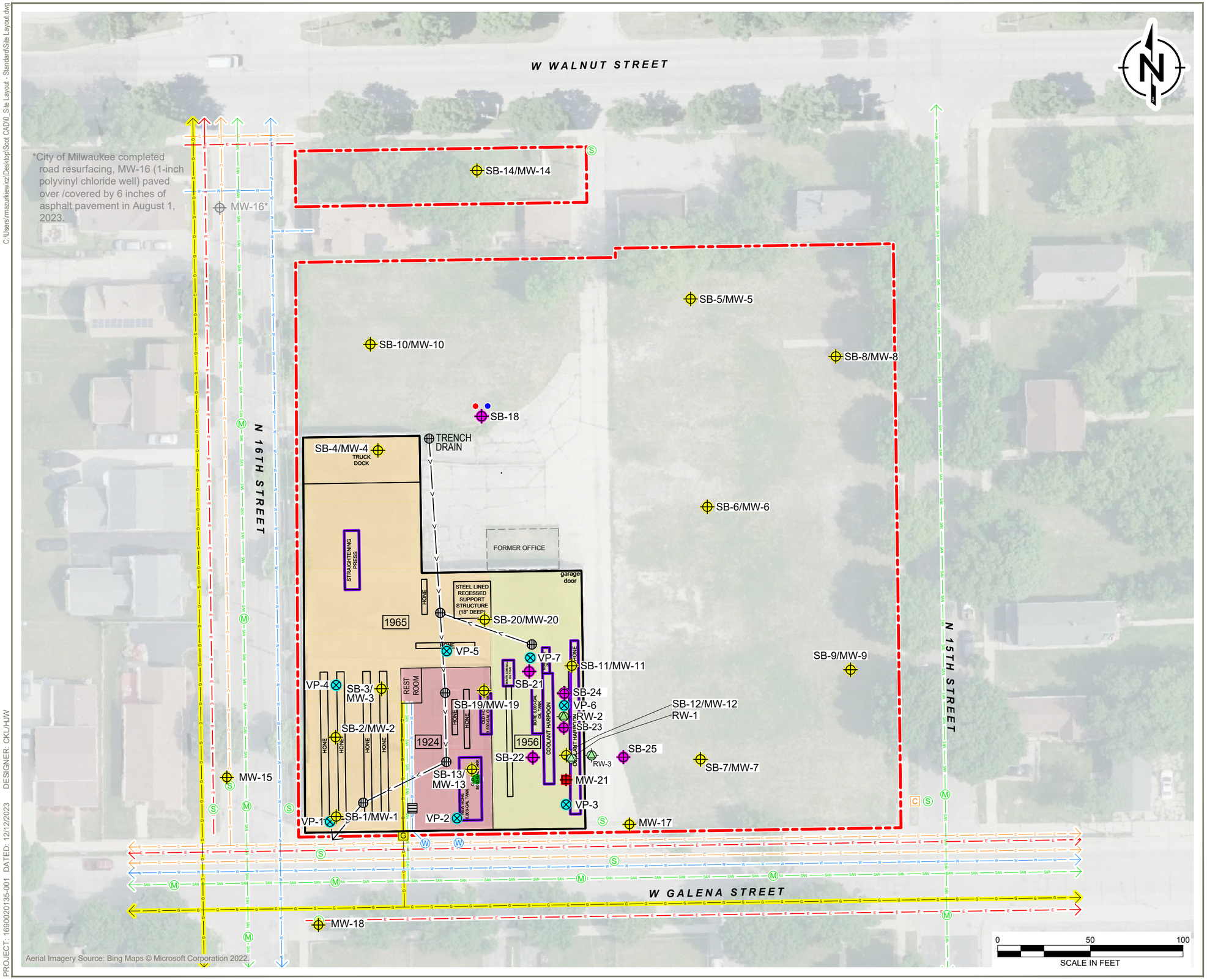
Ref. 1690020135-001

c: Kai Hansen, EHS Scot Industries, Inc.

Attachments:

Figure 1 – Site Layout
Attachment A – Laboratory Analytical Report

Figure



LEGEND

- PROPERTY BOUNDARY (APPROXIMATE)
- 1924 APPROXIMATE DATE OF BUILDING CONSTRUCTION
- FORMER 300-GALLON GASOLINE UST
- FORMER 300-GALLON DIESEL UST
- FORMER 8,000-GALLON DIESEL UST
- CONCRETE PATCH AREA
- SOIL BORING & 1-INCH MONITORING WELL
- SOIL BORING
- 2-INCH MONITORING WELL
- 4-INCH LNAPL RECOVERY WELL
- SUB-SLAB VAPOR POINT
- PAVED-OVER MONITORING WELL (8/23)
- STORM DRAIN
- FLOOR DRAIN/WATER SUMP
- PUBLIC WATER SUPPLY UTILITY
- NATURAL GAS UTILITY
- STORM WATER SEWER DRAIN
- SANITARY SEWER UTILITY MANHOLE
- CABLE/FIBER OPTIC UTILITY
- CONVEYANCE PIPING
- ELECTRIC UTILITY

SITE LAYOUT

SCOT INDUSTRIES
1532 WEST GALENA STREET
MILWAUKEE, WISCONSIN

FIGURE 1

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690020135-001 DATED: 12/12/2023 DESIGNER: CKL/HJW
C:\Users\rmazurkiewicz\Desktop\Scot CAD\0_Site Layout - Standard\Site Layout.dwg

Attachment A

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Duncan Glasford
Ramboll Americas Engineering Solutions
234 W. Florida Street
Fifth Floor
Milwaukee, Wisconsin 53204

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JOB DESCRIPTION

Scot Industries 1690020135-001

JOB NUMBER

500-243566-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

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.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization

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Authorized for release by
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Job ID: 500-243566-1 — Eurofins Chicago

Job Narrative
500-243566-1

Receipt
The samples were received on 12/8/2023 10:05 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 2.2º C.

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

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-746028 was outside the method criteria for the following analyte(s): 2-Fluorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 1 analytes to recover outside criteria for this method when utilizing this list of analytes. The LCS associated with preparation batch 500-746020 and analytical batch 500-746028 had 1 analytes outside control limits: Pyrene. These results have been reported and qualified.

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

Metals
Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 280-636907 and analytical batch 280-637443 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

General Chemistry
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 Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-5 — Lab Sample ID: 500-243566-1

No Detections.

Client Sample ID: MW-6 — Lab Sample ID: 500-243566-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.3	F1	1.0	0.23	ug/L	1		6020B	Dissolved

Client Sample ID: MW-17 — Lab Sample ID: 500-243566-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-2 — Lab Sample ID: 500-243566-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12		0.50	0.15	ug/L	1		8260D	Total/NA
Ethylbenzene	0.22	J	0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	5.7		1.0	0.39	ug/L	1		8260D	Total/NA
N-Propylbenzene	8.7		1.0	0.41	ug/L	1		8260D	Total/NA
sec-Butylbenzene	3.0		1.0	0.40	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.45	J	1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.39	J	0.50	0.15	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene	0.51	J	1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	0.83	J	1.0	0.22	ug/L	1		8260D	Total/NA
Acenaphthene	0.67	J	0.90	0.28	ug/L	1		8270E	Total/NA
Fluorene	0.41	J	0.90	0.22	ug/L	1		8270E	Total/NA
1-Methylnaphthalene	1.0	J	1.8	0.27	ug/L	1		8270E	Total/NA
Naphthalene	0.37	J	0.90	0.28	ug/L	1		8270E	Total/NA
Arsenic	1.3	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-3 — Lab Sample ID: 500-243566-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-4 — Lab Sample ID: 500-243566-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.7	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-19 — Lab Sample ID: 500-243566-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.40	J	0.50	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L	1		8260D	Total/NA
Ethylbenzene	0.22	J	0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	4.0		1.0	0.39	ug/L	1		8260D	Total/NA
n-Butylbenzene	4.6		1.0	0.39	ug/L	1		8260D	Total/NA
N-Propylbenzene	6.7		1.0	0.41	ug/L	1		8260D	Total/NA
sec-Butylbenzene	4.1		1.0	0.40	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.45	J	1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.20	J	0.50	0.15	ug/L	1		8260D	Total/NA
Trichloroethene	2.1		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	3.8		1.0	0.20	ug/L	1		8260D	Total/NA
Xylenes, Total	0.87	J	1.0	0.22	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-19 (Continued) — Lab Sample ID: 500-243566-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.3		5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-11 — Lab Sample ID: 500-243566-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.41	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.93	J	1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.64	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	41		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	1.3		1.0	0.20	ug/L	1		8260D	Total/NA
Arsenic	11		5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-21 — Lab Sample ID: 500-243566-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-21 DUP — Lab Sample ID: 500-243566-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-19 DUP — Lab Sample ID: 500-243566-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.38	J	0.50	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	5.7		1.0	0.41	ug/L	1		8260D	Total/NA
Ethylbenzene	0.23	J	0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	3.8		1.0	0.39	ug/L	1		8260D	Total/NA
n-Butylbenzene	4.5		1.0	0.39	ug/L	1		8260D	Total/NA
N-Propylbenzene	6.7		1.0	0.41	ug/L	1		8260D	Total/NA
sec-Butylbenzene	4.1		1.0	0.40	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.46	J	1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.16	J	0.50	0.15	ug/L	1		8260D	Total/NA
Trichloroethene	2.3		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	3.9		1.0	0.20	ug/L	1		8260D	Total/NA
Xylenes, Total	0.80	J	1.0	0.22	ug/L	1		8260D	Total/NA
Arsenic	6.3		5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-18 — Lab Sample ID: 500-243566-12

No Detections.

Client Sample ID: MW-15 — Lab Sample ID: 500-243566-13

No Detections.

Client Sample ID: MW-10 — Lab Sample ID: 500-243566-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1	J	5.0	0.50	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-7 — Lab Sample ID: 500-243566-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-12 — Lab Sample ID: 500-243566-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9	J	5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-13 — Lab Sample ID: 500-243566-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7		0.50	0.15	ug/L	1		8260D	Total/NA
Ethylbenzene	3.1		0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	2.2		1.0	0.39	ug/L	1		8260D	Total/NA
Naphthalene	28		1.0	0.34	ug/L	1		8260D	Total/NA
N-Propylbenzene	3.3		1.0	0.41	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	2.2		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	2.3		1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.63		0.50	0.15	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene	15		1.0	0.36	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	3.3		1.0	0.25	ug/L	1		8260D	Total/NA
Xylenes, Total	4.4		1.0	0.22	ug/L	1		8260D	Total/NA
Fluorene	1.7		0.97	0.24	ug/L	1		8270E	Total/NA
1-Methylnaphthalene	51		1.9	0.29	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	44		1.9	0.063	ug/L	1		8270E	Total/NA
Naphthalene	14		0.97	0.30	ug/L	1		8270E	Total/NA
Phenanthrene	0.54	J	0.97	0.29	ug/L	1		8270E	Total/NA
Arsenic	9.7		5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: MW-1 — Lab Sample ID: 500-243566-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	59		0.50	0.15	ug/L	1		8260D	Total/NA
Ethylbenzene	0.19	J	0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	3.3		1.0	0.39	ug/L	1		8260D	Total/NA
n-Butylbenzene	6.1		1.0	0.39	ug/L	1		8260D	Total/NA
N-Propylbenzene	6.9		1.0	0.41	ug/L	1		8260D	Total/NA
sec-Butylbenzene	4.0		1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.82		0.50	0.15	ug/L	1		8260D	Total/NA
1,2,4-Trimethylbenzene	0.40	J	1.0	0.36	ug/L	1		8260D	Total/NA
Xylenes, Total	2.0		1.0	0.22	ug/L	1		8260D	Total/NA
Arsenic	11		5.0	0.50	ug/L	1		6020B	Dissolved

Client Sample ID: TRIP BLANK — Lab Sample ID: 500-243566-19

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET DEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET DEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-243566-1	MW-5	Water	12/04/23 11:20	12/08/23 10:05
500-243566-2	MW-6	Water	12/04/23 12:15	12/08/23 10:05
500-243566-3	MW-17	Water	12/04/23 13:39	12/08/23 10:05
500-243566-4	MW-2	Water	12/05/23 09:00	12/08/23 10:05
500-243566-5	MW-3	Water	12/05/23 09:40	12/08/23 10:05
500-243566-6	MW-4	Water	12/05/23 10:25	12/08/23 10:05
500-243566-7	MW-19	Water	12/05/23 11:05	12/08/23 10:05
500-243566-8	MW-11	Water	12/05/23 11:50	12/08/23 10:05
500-243566-9	MW-21	Water	12/05/23 12:40	12/08/23 10:05
500-243566-10	MW-21 DUP	Water	12/05/23 12:40	12/08/23 10:05
500-243566-11	MW-19 DUP	Water	12/05/23 11:05	12/08/23 10:05
500-243566-12	MW-18	Water	12/05/23 13:00	12/08/23 10:05
500-243566-13	MW-15	Water	12/05/23 13:30	12/08/23 10:05
500-243566-14	MW-10	Water	12/05/23 14:00	12/08/23 10:05
500-243566-15	MW-7	Water	12/05/23 14:20	12/08/23 10:05
500-243566-16	MW-12	Water	12/05/23 14:30	12/08/23 10:05
500-243566-17	MW-13	Water	12/05/23 15:00	12/08/23 10:05
500-243566-18	MW-1	Water	12/05/23 15:20	12/08/23 10:05
500-243566-19	TRIP BLANK	Water	12/04/23 00:00	12/08/23 10:05

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-5
Lab Sample ID: 500-243566-1
Date Collected: 12/04/23 11:20
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.50		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:03	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-6
Lab Sample ID: 500-243566-2

Date Collected: 12/04/23 12:15
Matrix: Water

Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3	F1	1.0	0.23	ug/L		12/13/23 18:38	12/14/23 17:07	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-17
Lab Sample ID: 500-243566-3
Date Collected: 12/04/23 13:39
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.30		0.96	0.30	ug/L		12/11/23 07:43	12/11/23 17:47	1
Acenaphthylene	<0.26		0.96	0.26	ug/L		12/11/23 07:43	12/11/23 17:47	1
Anthracene	<0.32		0.96	0.32	ug/L		12/11/23 07:43	12/11/23 17:47	1
Benzo[a]anthracene	<0.054		0.19	0.054	ug/L		12/11/23 07:43	12/11/23 17:47	1
Benzo[a]pyrene	<0.095		0.19	0.095	ug/L		12/11/23 07:43	12/11/23 17:47	1
Benzo[b]fluoranthene	<0.077		0.19	0.077	ug/L		12/11/23 07:43	12/11/23 17:47	1
Benzo[g,h,i]perylene	<0.36		0.96	0.36	ug/L		12/11/23 07:43	12/11/23 17:47	1
Benzo[k]fluoranthene	<0.061		0.19	0.061	ug/L		12/11/23 07:43	12/11/23 17:47	1
Chrysene	<0.065		0.19	0.065	ug/L		12/11/23 07:43	12/11/23 17:47	1
Dibenz(a,h)anthracene	<0.049		0.29	0.049	ug/L		12/11/23 07:43	12/11/23 17:47	1
Fluoranthene	<0.44		0.96	0.44	ug/L		12/11/23 07:43	12/11/23 17:47	1
Fluorene	<0.23		0.96	0.23	ug/L		12/11/23 07:43	12/11/23 17:47	1
Indeno[1,2,3-cd]pyrene	<0.072		0.19	0.072	ug/L		12/11/23 07:43	12/11/23 17:47	1
1-Methylnaphthalene	<0.29		1.9	0.29	ug/L		12/11/23 07:43	12/11/23 17:47	1
2-Methylnaphthalene	<0.063		1.9	0.063	ug/L		12/11/23 07:43	12/11/23 17:47	1
Naphthalene	<0.30		0.96	0.30	ug/L		12/11/23 07:43	12/11/23 17:47	1
Phenanthrene	<0.29		0.96	0.29	ug/L		12/11/23 07:43	12/11/23 17:47	1
Pyrene	<0.41	*-	0.96	0.41	ug/L		12/11/23 07:43	12/11/23 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*34 - 110*	*12/11/23 07:43*	*12/11/23 17:47*	*1*
Nitrobenzene-d5 (Surr)	*73*		*36 - 120*	*12/11/23 07:43*	*12/11/23 17:47*	*1*
Terphenyl-d14 (Surr)	*76*		*40 - 145*	*12/11/23 07:43*	*12/11/23 17:47*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.2**	**J**	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:24	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-2

Date Collected: 12/05/23 09:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12**		0.50	0.15	ug/L			12/10/23 20:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 20:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 20:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 20:34	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 20:34	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 20:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 20:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 20:34	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 20:34	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 20:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 20:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 20:34	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 20:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 20:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 20:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 20:34	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 20:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 20:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 20:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 20:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 20:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 20:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 20:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 20:34	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 20:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 20:34	1
Ethylbenzene	**0.22**	**J**	0.50	0.18	ug/L			12/10/23 20:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 20:34	1
Isopropylbenzene	**5.7**		1.0	0.39	ug/L			12/10/23 20:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 20:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 20:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 20:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
N-Propylbenzene	**8.7**		1.0	0.41	ug/L			12/10/23 20:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 20:34	1
sec-Butylbenzene	**3.0**		1.0	0.40	ug/L			12/10/23 20:34	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 20:34	1
tert-Butylbenzene	**0.45**	**J**	1.0	0.40	ug/L			12/10/23 20:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 20:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 20:34	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 20:34	1
Toluene	**0.39**	**J**	0.50	0.15	ug/L			12/10/23 20:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 20:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 20:34	1

Client Sample ID: MW-2
Lab Sample ID: 500-243566-4
Date Collected: 12/05/23 09:00
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 20:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 20:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 20:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 20:34	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 20:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 20:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 20:34	1
1,2,4-Trimethylbenzene	**0.51**	**J**	1.0	0.36	ug/L			12/10/23 20:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 20:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 20:34	1
Xylenes, Total	**0.83**	**J**	1.0	0.22	ug/L			12/10/23 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*12/10/23 20:34*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*12/10/23 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*12/10/23 20:34*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*12/10/23 20:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.67**	**J**	0.90	0.28	ug/L		12/11/23 07:43	12/11/23 18:12	1
Acenaphthylene	<0.24		0.90	0.24	ug/L		12/11/23 07:43	12/11/23 18:12	1
Anthracene	<0.30		0.90	0.30	ug/L		12/11/23 07:43	12/11/23 18:12	1
Benzo[a]anthracene	<0.051		0.18	0.051	ug/L		12/11/23 07:43	12/11/23 18:12	1
Benzo[a]pyrene	<0.089		0.18	0.089	ug/L		12/11/23 07:43	12/11/23 18:12	1
Benzo[b]fluoranthene	<0.072		0.18	0.072	ug/L		12/11/23 07:43	12/11/23 18:12	1
Benzo[g,h,i]perylene	<0.34		0.90	0.34	ug/L		12/11/23 07:43	12/11/23 18:12	1
Benzo[k]fluoranthene	<0.057		0.18	0.057	ug/L		12/11/23 07:43	12/11/23 18:12	1
Chrysene	<0.061		0.18	0.061	ug/L		12/11/23 07:43	12/11/23 18:12	1
Dibenz(a,h)anthracene	<0.046		0.27	0.046	ug/L		12/11/23 07:43	12/11/23 18:12	1
Fluoranthene	<0.41		0.90	0.41	ug/L		12/11/23 07:43	12/11/23 18:12	1
Fluorene	**0.41**	**J**	0.90	0.22	ug/L		12/11/23 07:43	12/11/23 18:12	1
Indeno[1,2,3-cd]pyrene	<0.067		0.18	0.067	ug/L		12/11/23 07:43	12/11/23 18:12	1
1-Methylnaphthalene	**1.0**	**J**	1.8	0.27	ug/L		12/11/23 07:43	12/11/23 18:12	1
2-Methylnaphthalene	<0.058		1.8	0.058	ug/L		12/11/23 07:43	12/11/23 18:12	1
Naphthalene	**0.37**	**J**	0.90	0.28	ug/L		12/11/23 07:43	12/11/23 18:12	1
Phenanthrene	<0.27		0.90	0.27	ug/L		12/11/23 07:43	12/11/23 18:12	1
Pyrene	<0.38	*-	0.90	0.38	ug/L		12/11/23 07:43	12/11/23 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*68*		*34 - 110*	*12/11/23 07:43*	*12/11/23 18:12*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*	*12/11/23 07:43*	*12/11/23 18:12*	*1*
Terphenyl-d14 (Surr)	*70*		*40 - 145*	*12/11/23 07:43*	*12/11/23 18:12*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.3**	**J**	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:28	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-3
Lab Sample ID: 500-243566-5
Date Collected: 12/05/23 09:40
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:38	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-4
Lab Sample ID: 500-243566-6
Date Collected: 12/05/23 10:25
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:42	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-19
Date Collected: 12/05/23 11:05
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.40**	**J**	0.50	0.15	ug/L			12/10/23 20:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 20:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 20:58	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 20:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 20:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 20:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 20:58	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 20:58	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 20:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 20:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 20:58	1
cis-1,2-Dichloroethene	**5.4**		1.0	0.41	ug/L			12/10/23 20:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 20:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 20:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 20:58	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 20:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 20:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 20:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 20:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 20:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 20:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 20:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 20:58	1
Ethylbenzene	**0.22**	**J**	0.50	0.18	ug/L			12/10/23 20:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 20:58	1
Isopropylbenzene	**4.0**		1.0	0.39	ug/L			12/10/23 20:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 20:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 20:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 20:58	1
n-Butylbenzene	**4.6**		1.0	0.39	ug/L			12/10/23 20:58	1
N-Propylbenzene	**6.7**		1.0	0.41	ug/L			12/10/23 20:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1
sec-Butylbenzene	**4.1**		1.0	0.40	ug/L			12/10/23 20:58	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 20:58	1
tert-Butylbenzene	**0.45**	**J**	1.0	0.40	ug/L			12/10/23 20:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 20:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 20:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 20:58	1
Toluene	**0.20**	**J**	0.50	0.15	ug/L			12/10/23 20:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 20:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-19
Lab Sample ID: 500-243566-7
Date Collected: 12/05/23 11:05
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 20:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 20:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 20:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 20:58	1
Trichloroethene	**2.1**		0.50	0.16	ug/L			12/10/23 20:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 20:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 20:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 20:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 20:58	1
Vinyl chloride	**3.8**		1.0	0.20	ug/L			12/10/23 20:58	1
Xylenes, Total	**0.87**	**J**	1.0	0.22	ug/L			12/10/23 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*12/10/23 20:58*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*12/10/23 20:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*12/10/23 20:58*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*12/10/23 20:58*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.3**		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:46	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-11
Date Collected: 12/05/23 11:50
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			12/10/23 21:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 21:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 21:22	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 21:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 21:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 21:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 21:22	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 21:22	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 21:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 21:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 21:22	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.41	ug/L			12/10/23 21:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 21:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 21:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 21:22	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 21:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 21:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 21:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 21:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 21:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
1,1-Dichloroethene	**0.93**	**J**	1.0	0.39	ug/L			12/10/23 21:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 21:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 21:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 21:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/10/23 21:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 21:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 21:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 21:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 21:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/10/23 21:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 21:22	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 21:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 21:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 21:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 21:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 21:22	1
Toluene	<0.15		0.50	0.15	ug/L			12/10/23 21:22	1
trans-1,2-Dichloroethene	**0.64**	**J**	1.0	0.35	ug/L			12/10/23 21:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-11
Lab Sample ID: 500-243566-8
Date Collected: 12/05/23 11:50
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 21:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 21:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 21:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 21:22	1
Trichloroethene	**41**		0.50	0.16	ug/L			12/10/23 21:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 21:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 21:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 21:22	1
Vinyl chloride	**1.3**		1.0	0.20	ug/L			12/10/23 21:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/10/23 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*12/10/23 21:22*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*12/10/23 21:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*12/10/23 21:22*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*12/10/23 21:22*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:49	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-21
Lab Sample ID: 500-243566-9
Date Collected: 12/05/23 12:40
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:53	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-21 DUP
Lab Sample ID: 500-243566-10
Date Collected: 12/05/23 12:40
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 17:56	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-19 DUP

Date Collected: 12/05/23 11:05
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.38**	**J**	0.50	0.15	ug/L			12/10/23 21:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 21:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 21:47	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 21:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 21:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 21:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 21:47	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 21:47	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 21:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 21:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 21:47	1
cis-1,2-Dichloroethene	**5.7**		1.0	0.41	ug/L			12/10/23 21:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 21:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 21:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 21:47	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 21:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 21:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 21:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 21:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 21:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 21:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 21:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 21:47	1
Ethylbenzene	**0.23**	**J**	0.50	0.18	ug/L			12/10/23 21:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 21:47	1
Isopropylbenzene	**3.8**		1.0	0.39	ug/L			12/10/23 21:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 21:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 21:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 21:47	1
n-Butylbenzene	**4.5**		1.0	0.39	ug/L			12/10/23 21:47	1
N-Propylbenzene	**6.7**		1.0	0.41	ug/L			12/10/23 21:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1
sec-Butylbenzene	**4.1**		1.0	0.40	ug/L			12/10/23 21:47	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 21:47	1
tert-Butylbenzene	**0.46**	**J**	1.0	0.40	ug/L			12/10/23 21:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 21:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 21:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 21:47	1
Toluene	**0.16**	**J**	0.50	0.15	ug/L			12/10/23 21:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 21:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-19 DUP
Lab Sample ID: 500-243566-11

Date Collected: 12/05/23 11:05
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 21:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 21:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 21:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 21:47	1
Trichloroethene	**2.3**		0.50	0.16	ug/L			12/10/23 21:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 21:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 21:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 21:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 21:47	1
Vinyl chloride	**3.9**		1.0	0.20	ug/L			12/10/23 21:47	1
Xylenes, Total	**0.80**	**J**	1.0	0.22	ug/L			12/10/23 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*12/10/23 21:47*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*12/10/23 21:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*12/10/23 21:47*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*12/10/23 21:47*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.3**		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:00	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-18
Lab Sample ID: 500-243566-12

Date Collected: 12/05/23 13:00
Matrix: Water

Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.27		0.86	0.27	ug/L		12/11/23 07:43	12/11/23 18:36	1
Acenaphthylene	<0.23		0.86	0.23	ug/L		12/11/23 07:43	12/11/23 18:36	1
Anthracene	<0.29		0.86	0.29	ug/L		12/11/23 07:43	12/11/23 18:36	1
Benzo[a]anthracene	<0.049		0.17	0.049	ug/L		12/11/23 07:43	12/11/23 18:36	1
Benzo[a]pyrene	<0.085		0.17	0.085	ug/L		12/11/23 07:43	12/11/23 18:36	1
Benzo[b]fluoranthene	<0.070		0.17	0.070	ug/L		12/11/23 07:43	12/11/23 18:36	1
Benzo[g,h,i]perylene	<0.32		0.86	0.32	ug/L		12/11/23 07:43	12/11/23 18:36	1
Benzo[k]fluoranthene	<0.055		0.17	0.055	ug/L		12/11/23 07:43	12/11/23 18:36	1
Chrysene	<0.059		0.17	0.059	ug/L		12/11/23 07:43	12/11/23 18:36	1
Dibenz(a,h)anthracene	<0.044		0.26	0.044	ug/L		12/11/23 07:43	12/11/23 18:36	1
Fluoranthene	<0.39		0.86	0.39	ug/L		12/11/23 07:43	12/11/23 18:36	1
Fluorene	<0.21		0.86	0.21	ug/L		12/11/23 07:43	12/11/23 18:36	1
Indeno[1,2,3-cd]pyrene	<0.065		0.17	0.065	ug/L		12/11/23 07:43	12/11/23 18:36	1
1-Methylnaphthalene	<0.26		1.7	0.26	ug/L		12/11/23 07:43	12/11/23 18:36	1
2-Methylnaphthalene	<0.056		1.7	0.056	ug/L		12/11/23 07:43	12/11/23 18:36	1
Naphthalene	<0.27		0.86	0.27	ug/L		12/11/23 07:43	12/11/23 18:36	1
Phenanthrene	<0.26		0.86	0.26	ug/L		12/11/23 07:43	12/11/23 18:36	1
Pyrene	<0.37	*-	0.86	0.37	ug/L		12/11/23 07:43	12/11/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*34 - 110*	*12/11/23 07:43*	*12/11/23 18:36*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*	*12/11/23 07:43*	*12/11/23 18:36*	*1*
Terphenyl-d14 (Surr)	*78*		*40 - 145*	*12/11/23 07:43*	*12/11/23 18:36*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-15
Date Collected: 12/05/23 13:30
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			12/10/23 22:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 22:11	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 22:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 22:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 22:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 22:11	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 22:11	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 22:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 22:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 22:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 22:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 22:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 22:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 22:11	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 22:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 22:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 22:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 22:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 22:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 22:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 22:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/10/23 22:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 22:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 22:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 22:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 22:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/10/23 22:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:11	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 22:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 22:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 22:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 22:11	1
Toluene	<0.15		0.50	0.15	ug/L			12/10/23 22:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 22:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-15
Date Collected: 12/05/23 13:30
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 22:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 22:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 22:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 22:11	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 22:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 22:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 22:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 22:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/10/23 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*12/10/23 22:11*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*12/10/23 22:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*12/10/23 22:11*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*12/10/23 22:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.24		0.79	0.24	ug/L		12/11/23 07:43	12/11/23 19:01	1
Acenaphthylene	<0.21		0.79	0.21	ug/L		12/11/23 07:43	12/11/23 19:01	1
Anthracene	<0.26		0.79	0.26	ug/L		12/11/23 07:43	12/11/23 19:01	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		12/11/23 07:43	12/11/23 19:01	1
Benzo[a]pyrene	<0.078		0.16	0.078	ug/L		12/11/23 07:43	12/11/23 19:01	1
Benzo[b]fluoranthene	<0.064		0.16	0.064	ug/L		12/11/23 07:43	12/11/23 19:01	1
Benzo[g,h,i]perylene	<0.30		0.79	0.30	ug/L		12/11/23 07:43	12/11/23 19:01	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		12/11/23 07:43	12/11/23 19:01	1
Chrysene	<0.054		0.16	0.054	ug/L		12/11/23 07:43	12/11/23 19:01	1
Dibenz(a,h)anthracene	<0.040		0.24	0.040	ug/L		12/11/23 07:43	12/11/23 19:01	1
Fluoranthene	<0.36		0.79	0.36	ug/L		12/11/23 07:43	12/11/23 19:01	1
Fluorene	<0.19		0.79	0.19	ug/L		12/11/23 07:43	12/11/23 19:01	1
Indeno[1,2,3-cd]pyrene	<0.059		0.16	0.059	ug/L		12/11/23 07:43	12/11/23 19:01	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		12/11/23 07:43	12/11/23 19:01	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		12/11/23 07:43	12/11/23 19:01	1
Naphthalene	<0.24		0.79	0.24	ug/L		12/11/23 07:43	12/11/23 19:01	1
Phenanthrene	<0.24		0.79	0.24	ug/L		12/11/23 07:43	12/11/23 19:01	1
Pyrene	<0.34	*-	0.79	0.34	ug/L		12/11/23 07:43	12/11/23 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*34 - 110*	*12/11/23 07:43*	*12/11/23 19:01*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*	*12/11/23 07:43*	*12/11/23 19:01*	*1*
Terphenyl-d14 (Surr)	*75*		*40 - 145*	*12/11/23 07:43*	*12/11/23 19:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.50		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:10	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-10
Lab Sample ID: 500-243566-14

Date Collected: 12/05/23 14:00
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:14	1

Client Sample Results

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-7
Lab Sample ID: 500-243566-15

Date Collected: 12/05/23 14:20
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:17	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-12
Lab Sample ID: 500-243566-16
Date Collected: 12/05/23 14:30
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9	J	5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:21	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-13
Date Collected: 12/05/23 15:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.7**		0.50	0.15	ug/L			12/10/23 22:35	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 22:35	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 22:35	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 22:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 22:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 22:35	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 22:35	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 22:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 22:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 22:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 22:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 22:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 22:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 22:35	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 22:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 22:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 22:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 22:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 22:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 22:35	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 22:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 22:35	1
Ethylbenzene	**3.1**		0.50	0.18	ug/L			12/10/23 22:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 22:35	1
Isopropylbenzene	**2.2**		1.0	0.39	ug/L			12/10/23 22:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 22:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 22:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
Naphthalene	**28**		1.0	0.34	ug/L			12/10/23 22:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
N-Propylbenzene	**3.3**		1.0	0.41	ug/L			12/10/23 22:35	1
p-Isopropyltoluene	**2.2**		1.0	0.36	ug/L			12/10/23 22:35	1
sec-Butylbenzene	**2.3**		1.0	0.40	ug/L			12/10/23 22:35	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 22:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 22:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 22:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 22:35	1
Toluene	**0.63**		0.50	0.15	ug/L			12/10/23 22:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 22:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 22:35	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-13
Date Collected: 12/05/23 15:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 22:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 22:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 22:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 22:35	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 22:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 22:35	1
1,2,4-Trimethylbenzene	**15**		1.0	0.36	ug/L			12/10/23 22:35	1
1,3,5-Trimethylbenzene	**3.3**		1.0	0.25	ug/L			12/10/23 22:35	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 22:35	1
Xylenes, Total	**4.4**		1.0	0.22	ug/L			12/10/23 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*12/10/23 22:35*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*12/10/23 22:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*12/10/23 22:35*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*12/10/23 22:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.30		0.97	0.30	ug/L		12/11/23 07:43	12/11/23 19:26	1
Acenaphthylene	<0.26		0.97	0.26	ug/L		12/11/23 07:43	12/11/23 19:26	1
Anthracene	<0.32		0.97	0.32	ug/L		12/11/23 07:43	12/11/23 19:26	1
Benzo[a]anthracene	<0.055		0.19	0.055	ug/L		12/11/23 07:43	12/11/23 19:26	1
Benzo[a]pyrene	<0.096		0.19	0.096	ug/L		12/11/23 07:43	12/11/23 19:26	1
Benzo[b]fluoranthene	<0.078		0.19	0.078	ug/L		12/11/23 07:43	12/11/23 19:26	1
Benzo[g,h,i]perylene	<0.36		0.97	0.36	ug/L		12/11/23 07:43	12/11/23 19:26	1
Benzo[k]fluoranthene	<0.062		0.19	0.062	ug/L		12/11/23 07:43	12/11/23 19:26	1
Chrysene	<0.066		0.19	0.066	ug/L		12/11/23 07:43	12/11/23 19:26	1
Dibenz(a,h)anthracene	<0.049		0.29	0.049	ug/L		12/11/23 07:43	12/11/23 19:26	1
Fluoranthene	<0.44		0.97	0.44	ug/L		12/11/23 07:43	12/11/23 19:26	1
Fluorene	**1.7**		0.97	0.24	ug/L		12/11/23 07:43	12/11/23 19:26	1
Indeno[1,2,3-cd]pyrene	<0.072		0.19	0.072	ug/L		12/11/23 07:43	12/11/23 19:26	1
1-Methylnaphthalene	**51**		1.9	0.29	ug/L		12/11/23 07:43	12/11/23 19:26	1
2-Methylnaphthalene	**44**		1.9	0.063	ug/L		12/11/23 07:43	12/11/23 19:26	1
Naphthalene	**14**		0.97	0.30	ug/L		12/11/23 07:43	12/11/23 19:26	1
Phenanthrene	**0.54**	**J**	0.97	0.29	ug/L		12/11/23 07:43	12/11/23 19:26	1
Pyrene	<0.41	*-	0.97	0.41	ug/L		12/11/23 07:43	12/11/23 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*49*		*34 - 110*	*12/11/23 07:43*	*12/11/23 19:26*	*1*
Nitrobenzene-d5 (Surr)	*77*		*36 - 120*	*12/11/23 07:43*	*12/11/23 19:26*	*1*
Terphenyl-d14 (Surr)	*74*		*40 - 145*	*12/11/23 07:43*	*12/11/23 19:26*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.7**		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:24	1

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-1

Date Collected: 12/05/23 15:20
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-18

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**59**		0.50	0.15	ug/L			12/10/23 22:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 22:59	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 22:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 22:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 22:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 22:59	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 22:59	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 22:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 22:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 22:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 22:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 22:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 22:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 22:59	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 22:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 22:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 22:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 22:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 22:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 22:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 22:59	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 22:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 22:59	1
Ethylbenzene	**0.19**	**J**	0.50	0.18	ug/L			12/10/23 22:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 22:59	1
Isopropylbenzene	**3.3**		1.0	0.39	ug/L			12/10/23 22:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 22:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 22:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 22:59	1
n-Butylbenzene	**6.1**		1.0	0.39	ug/L			12/10/23 22:59	1
N-Propylbenzene	**6.9**		1.0	0.41	ug/L			12/10/23 22:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 22:59	1
sec-Butylbenzene	**4.0**		1.0	0.40	ug/L			12/10/23 22:59	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 22:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 22:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 22:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 22:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 22:59	1
Toluene	**0.82**		0.50	0.15	ug/L			12/10/23 22:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 22:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 22:59	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: MW-1
Lab Sample ID: 500-243566-18
Date Collected: 12/05/23 15:20
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 22:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 22:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 22:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 22:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 22:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 22:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 22:59	1
1,2,4-Trimethylbenzene	**0.40**	**J**	1.0	0.36	ug/L			12/10/23 22:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 22:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 22:59	1
Xylenes, Total	**2.0**		1.0	0.22	ug/L			12/10/23 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*12/10/23 22:59*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*12/10/23 22:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*12/10/23 22:59*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*12/10/23 22:59*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 18:28	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-243566-19

Date Collected: 12/04/23 00:00
Matrix: Water
Date Received: 12/08/23 10:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			12/10/23 16:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 16:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 16:11	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 16:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 16:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 16:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 16:11	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 16:11	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 16:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 16:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 16:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 16:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 16:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 16:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 16:11	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 16:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 16:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 16:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 16:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 16:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 16:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 16:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 16:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/10/23 16:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 16:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 16:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 16:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 16:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/10/23 16:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 16:11	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 16:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 16:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 16:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 16:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 16:11	1
Toluene	<0.15		0.50	0.15	ug/L			12/10/23 16:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 16:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-243566-19
Date Collected: 12/04/23 00:00
Matrix: Water
Date Received: 12/08/23 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 16:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 16:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 16:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 16:11	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 16:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 16:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 16:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 16:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 16:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 16:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/10/23 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*12/10/23 16:11*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*12/10/23 16:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*12/10/23 16:11*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*12/10/23 16:11*	*1*

Definitions/Glossary

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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.

Glossary

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

GC/MS VOA

Analysis Batch: 745943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-4	MW-2	Total/NA	Water	8260D	
500-243566-7	MW-19	Total/NA	Water	8260D	
500-243566-8	MW-11	Total/NA	Water	8260D	
500-243566-11	MW-19 DUP	Total/NA	Water	8260D	
500-243566-13	MW-15	Total/NA	Water	8260D	
500-243566-17	MW-13	Total/NA	Water	8260D	
500-243566-18	MW-1	Total/NA	Water	8260D	
500-243566-19	TRIP BLANK	Total/NA	Water	8260D	
MB 500-745943/8	Method Blank	Total/NA	Water	8260D	
LCS 500-745943/6	Lab Control Sample	Total/NA	Water	8260D	
500-243566-18 MS	MW-1	Total/NA	Water	8260D	
500-243566-18 MSD	MW-1	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 746020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-3	MW-17	Total/NA	Water	3510C	
500-243566-4	MW-2	Total/NA	Water	3510C	
500-243566-12	MW-18	Total/NA	Water	3510C	
500-243566-13	MW-15	Total/NA	Water	3510C	
500-243566-17	MW-13	Total/NA	Water	3510C	
MB 500-746020/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-746020/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 746028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-3	MW-17	Total/NA	Water	8270E	746020
500-243566-4	MW-2	Total/NA	Water	8270E	746020
500-243566-12	MW-18	Total/NA	Water	8270E	746020
500-243566-13	MW-15	Total/NA	Water	8270E	746020
500-243566-17	MW-13	Total/NA	Water	8270E	746020
MB 500-746020/1-A	Method Blank	Total/NA	Water	8270E	746020
LCS 500-746020/2-A	Lab Control Sample	Total/NA	Water	8270E	746020

Metals

Prep Batch: 636907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-1	MW-5	Dissolved	Water	3005A	
500-243566-2	MW-6	Dissolved	Water	3005A	
500-243566-3	MW-17	Dissolved	Water	3005A	
500-243566-4	MW-2	Dissolved	Water	3005A	
500-243566-5	MW-3	Dissolved	Water	3005A	
500-243566-6	MW-4	Dissolved	Water	3005A	
500-243566-7	MW-19	Dissolved	Water	3005A	
500-243566-8	MW-11	Dissolved	Water	3005A	
500-243566-9	MW-21	Dissolved	Water	3005A	
500-243566-10	MW-21 DUP	Dissolved	Water	3005A	
500-243566-11	MW-19 DUP	Dissolved	Water	3005A	
500-243566-13	MW-15	Dissolved	Water	3005A	
500-243566-14	MW-10	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 636907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-15	MW-7	Dissolved	Water	3005A	
500-243566-16	MW-12	Dissolved	Water	3005A	
500-243566-17	MW-13	Dissolved	Water	3005A	
500-243566-18	MW-1	Dissolved	Water	3005A	
MB 280-636907/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 280-636907/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-243566-2 MS	MW-6	Dissolved	Water	3005A	
500-243566-2 MSD	MW-6	Dissolved	Water	3005A	

Analysis Batch: 637443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243566-1	MW-5	Dissolved	Water	6020B	636907
500-243566-2	MW-6	Dissolved	Water	6020B	636907
500-243566-3	MW-17	Dissolved	Water	6020B	636907
500-243566-4	MW-2	Dissolved	Water	6020B	636907
500-243566-5	MW-3	Dissolved	Water	6020B	636907
500-243566-6	MW-4	Dissolved	Water	6020B	636907
500-243566-7	MW-19	Dissolved	Water	6020B	636907
500-243566-8	MW-11	Dissolved	Water	6020B	636907
500-243566-9	MW-21	Dissolved	Water	6020B	636907
500-243566-10	MW-21 DUP	Dissolved	Water	6020B	636907
500-243566-11	MW-19 DUP	Dissolved	Water	6020B	636907
500-243566-13	MW-15	Dissolved	Water	6020B	636907
500-243566-14	MW-10	Dissolved	Water	6020B	636907
500-243566-15	MW-7	Dissolved	Water	6020B	636907
500-243566-16	MW-12	Dissolved	Water	6020B	636907
500-243566-17	MW-13	Dissolved	Water	6020B	636907
500-243566-18	MW-1	Dissolved	Water	6020B	636907
MB 280-636907/1-A	Method Blank	Total Recoverable	Water	6020B	636907
LCS 280-636907/2-A	Lab Control Sample	Total Recoverable	Water	6020B	636907
500-243566-2 MS	MW-6	Dissolved	Water	6020B	636907
500-243566-2 MSD	MW-6	Dissolved	Water	6020B	636907

Surrogate Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-243566-4	MW-2	99	95	90	90
500-243566-7	MW-19	98	95	94	90
500-243566-8	MW-11	99	95	94	89
500-243566-11	MW-19 DUP	98	95	91	88
500-243566-13	MW-15	98	93	91	89
500-243566-17	MW-13	99	94	95	90
500-243566-18	MW-1	101	96	92	90
500-243566-18 MS	MW-1	98	94	93	92
500-243566-18 MSD	MW-1	98	95	91	91
500-243566-19	TRIP BLANK	99	93	91	91
LCS 500-745943/6	Lab Control Sample	98	93	92	90
MB 500-745943/8	Method Blank	100	92	92	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(34-110)	(36-120)	(40-145)
500-243566-3	MW-17	61	73	76
500-243566-4	MW-2	68	79	70
500-243566-12	MW-18	63	79	78
500-243566-13	MW-15	61	79	75
500-243566-17	MW-13	49	77	74
LCS 500-746020/2-A	Lab Control Sample	59	61	58
MB 500-746020/1-A	Method Blank	71	82	82

Surrogate Legend

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

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-745943/8
Matrix: Water
Analysis Batch: 745943

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		0.50	0.15	ug/L			12/10/23 15:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/10/23 15:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/10/23 15:47	1
Bromoform	<0.48		1.0	0.48	ug/L			12/10/23 15:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/10/23 15:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/10/23 15:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
Chloroethane	<0.51		5.0	0.51	ug/L			12/10/23 15:47	1
Chloroform	<0.37		2.0	0.37	ug/L			12/10/23 15:47	1
Chloromethane	<0.32		5.0	0.32	ug/L			12/10/23 15:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/10/23 15:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/10/23 15:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			12/10/23 15:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/10/23 15:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/10/23 15:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/10/23 15:47	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			12/10/23 15:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/10/23 15:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/10/23 15:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/10/23 15:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/10/23 15:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/10/23 15:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			12/10/23 15:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/10/23 15:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/10/23 15:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/10/23 15:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/10/23 15:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/10/23 15:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/10/23 15:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/10/23 15:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 15:47	1
Styrene	<0.39		1.0	0.39	ug/L			12/10/23 15:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/10/23 15:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/10/23 15:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/10/23 15:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			12/10/23 15:47	1
Toluene	<0.15		0.50	0.15	ug/L			12/10/23 15:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			12/10/23 15:47	1

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

Lab Sample ID: MB 500-745943/8
Matrix: Water
Analysis Batch: 745943

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/10/23 15:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/10/23 15:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/10/23 15:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/10/23 15:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			12/10/23 15:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/10/23 15:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/10/23 15:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/10/23 15:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/10/23 15:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/10/23 15:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/10/23 15:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*12/10/23 15:47*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*12/10/23 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*12/10/23 15:47*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*12/10/23 15:47*	*1*

Lab Sample ID: LCS 500-745943/6
Matrix: Water
Analysis Batch: 745943

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.4		ug/L		89	70 - 120
Bromobenzene	50.0	49.8		ug/L		100	70 - 122
Bromochloromethane	50.0	44.6		ug/L		89	65 - 122
Bromodichloromethane	50.0	45.2		ug/L		90	69 - 120
Bromoform	50.0	50.2		ug/L		100	56 - 132
Bromomethane	50.0	49.4		ug/L		99	40 - 152
Carbon tetrachloride	50.0	47.7		ug/L		95	59 - 133
Chlorobenzene	50.0	46.0		ug/L		92	70 - 120
Chloroethane	50.0	51.3		ug/L		103	48 - 136
Chloroform	50.0	43.3		ug/L		87	70 - 120
Chloromethane	50.0	58.0		ug/L		116	56 - 152
2-Chlorotoluene	50.0	45.8		ug/L		92	70 - 125
4-Chlorotoluene	50.0	45.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	50.0	44.5		ug/L		89	70 - 125
cis-1,3-Dichloropropene	50.0	43.9		ug/L		88	64 - 127
Dibromochloromethane	50.0	45.5		ug/L		91	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	37.0		ug/L		74	56 - 123
1,2-Dibromoethane (EDB)	50.0	43.7		ug/L		87	70 - 125
Dibromomethane	50.0	43.3		ug/L		87	70 - 120
1,2-Dichlorobenzene	50.0	45.7		ug/L		91	70 - 125
1,3-Dichlorobenzene	50.0	46.6		ug/L		93	70 - 125
1,4-Dichlorobenzene	50.0	46.0		ug/L		92	70 - 120
Dichlorodifluoromethane	50.0	57.0		ug/L		114	40 - 159
1,1-Dichloroethane	50.0	46.2		ug/L		92	70 - 125

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

Lab Sample ID: LCS 500-745943/6
Matrix: Water
Analysis Batch: 745943

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	44.3		ug/L		89	68 - 127
1,1-Dichloroethene	50.0	40.6		ug/L		81	67 - 122
1,2-Dichloropropane	50.0	48.9		ug/L		98	67 - 130
1,3-Dichloropropane	50.0	44.4		ug/L		89	62 - 136
2,2-Dichloropropane	50.0	42.7		ug/L		85	58 - 139
1,1-Dichloropropene	50.0	45.2		ug/L		90	70 - 121
Ethylbenzene	50.0	42.8		ug/L		86	70 - 123
Hexachlorobutadiene	50.0	52.6		ug/L		105	51 - 150
Isopropylbenzene	50.0	46.3		ug/L		93	70 - 126
Methylene Chloride	50.0	40.1		ug/L		80	69 - 125
Methyl tert-butyl ether	50.0	43.5		ug/L		87	55 - 123
Naphthalene	50.0	33.6		ug/L		67	53 - 144
n-Butylbenzene	50.0	41.4		ug/L		83	68 - 125
N-Propylbenzene	50.0	45.3		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	45.7		ug/L		91	70 - 125
sec-Butylbenzene	50.0	44.4		ug/L		89	70 - 123
Styrene	50.0	44.1		ug/L		88	70 - 120
tert-Butylbenzene	50.0	47.1		ug/L		94	70 - 121
1,1,1,2-Tetrachloroethane	50.0	45.5		ug/L		91	70 - 125
1,1,2,2-Tetrachloroethane	50.0	39.6		ug/L		79	62 - 140
Tetrachloroethene	50.0	51.6		ug/L		103	70 - 128
Toluene	50.0	41.6		ug/L		83	70 - 125
trans-1,2-Dichloroethene	50.0	42.5		ug/L		85	70 - 125
trans-1,3-Dichloropropene	50.0	42.2		ug/L		84	62 - 128
1,2,3-Trichlorobenzene	50.0	39.0		ug/L		78	51 - 145
1,2,4-Trichlorobenzene	50.0	42.9		ug/L		86	57 - 137
1,1,1-Trichloroethane	50.0	45.1		ug/L		90	70 - 125
1,1,2-Trichloroethane	50.0	41.8		ug/L		84	71 - 130
Trichloroethene	50.0	49.1		ug/L		98	70 - 125
Trichlorofluoromethane	50.0	50.3		ug/L		101	55 - 128
1,2,3-Trichloropropane	50.0	44.1		ug/L		88	50 - 133
1,2,4-Trimethylbenzene	50.0	44.6		ug/L		89	70 - 123
1,3,5-Trimethylbenzene	50.0	45.2		ug/L		90	70 - 123
Vinyl chloride	50.0	51.7		ug/L		103	64 - 126
Xylenes, Total	100	87.4		ug/L		87	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
Toluene-d8 (Surr)	*90*		*75 - 120*

Lab Sample ID: 500-243566-18 MS
Matrix: Water
Analysis Batch: 745943

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	59		50.0	104		ug/L		90	70 - 120

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

Lab Sample ID: 500-243566-18 MS
Matrix: Water
Analysis Batch: 745943

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	<0.36		50.0	51.7		ug/L		103	70 - 122
Bromochloromethane	<0.43		50.0	45.9		ug/L		92	65 - 122
Bromodichloromethane	<0.37		50.0	44.4		ug/L		89	69 - 120
Bromoform	<0.48		50.0	47.7		ug/L		95	56 - 132
Bromomethane	<0.80		50.0	51.1		ug/L		102	40 - 152
Carbon tetrachloride	<0.38		50.0	47.4		ug/L		95	59 - 133
Chlorobenzene	<0.39		50.0	46.8		ug/L		94	70 - 120
Chloroethane	<0.51		50.0	55.3		ug/L		111	48 - 136
Chloroform	<0.37		50.0	44.5		ug/L		89	70 - 120
Chloromethane	<0.32		50.0	61.9		ug/L		124	56 - 152
2-Chlorotoluene	<0.31		50.0	46.6		ug/L		93	70 - 125
4-Chlorotoluene	<0.35		50.0	46.5		ug/L		93	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	44.0		ug/L		88	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	43.5		ug/L		87	64 - 127
Dibromochloromethane	<0.49		50.0	45.3		ug/L		91	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	40.6		ug/L		81	56 - 123
1,2-Dibromoethane (EDB)	<0.39		50.0	43.8		ug/L		88	70 - 125
Dibromomethane	<0.27		50.0	44.4		ug/L		89	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	46.6		ug/L		93	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	47.5		ug/L		95	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	46.6		ug/L		93	70 - 120
Dichlorodifluoromethane	<0.67		50.0	60.7		ug/L		121	40 - 159
1,1-Dichloroethane	<0.41		50.0	46.5		ug/L		93	70 - 125
1,2-Dichloroethane	<0.39		50.0	48.7		ug/L		97	68 - 127
1,1-Dichloroethene	<0.39		50.0	39.4		ug/L		79	67 - 122
1,2-Dichloropropane	<0.43		50.0	48.7		ug/L		97	67 - 130
1,3-Dichloropropane	<0.36		50.0	46.3		ug/L		93	62 - 136
2,2-Dichloropropane	<0.44		50.0	42.4		ug/L		85	58 - 139
1,1-Dichloropropene	<0.30		50.0	45.6		ug/L		91	70 - 121
Ethylbenzene	0.19	J	50.0	44.3		ug/L		88	70 - 123
Hexachlorobutadiene	<0.45		50.0	50.7		ug/L		101	51 - 150
Isopropylbenzene	3.3		50.0	51.1		ug/L		96	70 - 126
Methylene Chloride	<1.6		50.0	38.8		ug/L		78	69 - 125
Methyl tert-butyl ether	<0.39		50.0	44.7		ug/L		89	55 - 123
Naphthalene	<0.34		50.0	40.3		ug/L		81	53 - 144
n-Butylbenzene	6.1		50.0	44.2		ug/L		76	68 - 125
N-Propylbenzene	6.9		50.0	52.1		ug/L		90	69 - 127
p-Isopropyltoluene	<0.36		50.0	46.2		ug/L		92	70 - 125
sec-Butylbenzene	4.0		50.0	47.3		ug/L		87	70 - 123
Styrene	<0.39		50.0	44.6		ug/L		89	70 - 120
tert-Butylbenzene	<0.40		50.0	48.3		ug/L		97	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	46.5		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	44.1		ug/L		88	62 - 140
Tetrachloroethene	<0.37		50.0	51.7		ug/L		103	70 - 128
Toluene	0.82		50.0	43.1		ug/L		85	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	41.9		ug/L		84	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	42.2		ug/L		84	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	41.1		ug/L		82	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	41.4		ug/L		83	57 - 137

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

Lab Sample ID: 500-243566-18 MS
Matrix: Water
Analysis Batch: 745943

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.38		50.0	45.1		ug/L		90	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	42.3		ug/L		85	71 - 130
Trichloroethene	<0.16		50.0	49.5		ug/L		99	70 - 125
Trichlorofluoromethane	<0.43		50.0	53.6		ug/L		107	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	47.8		ug/L		96	50 - 133
1,2,4-Trimethylbenzene	0.40	J	50.0	45.7		ug/L		91	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	46.4		ug/L		93	70 - 123
Vinyl chloride	<0.20		50.0	56.4		ug/L		113	64 - 126
Xylenes, Total	2.0		100	90.9		ug/L		89	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
Toluene-d8 (Surr)	*92*		*75 - 120*

Lab Sample ID: 500-243566-18 MSD
Matrix: Water
Analysis Batch: 745943

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	59		50.0	102		ug/L		87	70 - 120	1	20
Bromobenzene	<0.36		50.0	50.4		ug/L		101	70 - 122	3	20
Bromochloromethane	<0.43		50.0	44.5		ug/L		89	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	45.0		ug/L		90	69 - 120	1	20
Bromoform	<0.48		50.0	47.2		ug/L		94	56 - 132	1	20
Bromomethane	<0.80		50.0	49.2		ug/L		98	40 - 152	4	20
Carbon tetrachloride	<0.38		50.0	46.3		ug/L		93	59 - 133	2	20
Chlorobenzene	<0.39		50.0	46.3		ug/L		93	70 - 120	1	20
Chloroethane	<0.51		50.0	53.6		ug/L		107	48 - 136	3	20
Chloroform	<0.37		50.0	44.7		ug/L		89	70 - 120	0	20
Chloromethane	<0.32		50.0	56.7		ug/L		113	56 - 152	9	20
2-Chlorotoluene	<0.31		50.0	45.7		ug/L		91	70 - 125	2	20
4-Chlorotoluene	<0.35		50.0	45.0		ug/L		90	68 - 124	3	20
cis-1,2-Dichloroethene	<0.41		50.0	44.4		ug/L		89	70 - 125	1	20
cis-1,3-Dichloropropene	<0.42		50.0	42.9		ug/L		86	64 - 127	1	20
Dibromochloromethane	<0.49		50.0	43.9		ug/L		88	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	40.9		ug/L		82	56 - 123	1	20
1,2-Dibromoethane (EDB)	<0.39		50.0	44.1		ug/L		88	70 - 125	1	20
Dibromomethane	<0.27		50.0	42.8		ug/L		86	70 - 120	4	20
1,2-Dichlorobenzene	<0.33		50.0	45.9		ug/L		92	70 - 125	1	20
1,3-Dichlorobenzene	<0.40		50.0	46.6		ug/L		93	70 - 125	2	20
1,4-Dichlorobenzene	<0.36		50.0	45.7		ug/L		91	70 - 120	2	20
Dichlorodifluoromethane	<0.67		50.0	57.6		ug/L		115	40 - 159	5	20
1,1-Dichloroethane	<0.41		50.0	45.8		ug/L		92	70 - 125	1	20
1,2-Dichloroethane	<0.39		50.0	47.9		ug/L		96	68 - 127	2	20
1,1-Dichloroethene	<0.39		50.0	38.1		ug/L		76	67 - 122	3	20
1,2-Dichloropropane	<0.43		50.0	50.4		ug/L		101	67 - 130	3	20

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

Lab Sample ID: 500-243566-18 MSD
Matrix: Water
Analysis Batch: 745943

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichloropropane	<0.36		50.0	45.4		ug/L		91	62 - 136	2	20
2,2-Dichloropropane	<0.44		50.0	42.1		ug/L		84	58 - 139	1	20
1,1-Dichloropropene	<0.30		50.0	45.5		ug/L		91	70 - 121	0	20
Ethylbenzene	0.19	J	50.0	43.7		ug/L		87	70 - 123	1	20
Hexachlorobutadiene	<0.45		50.0	46.5		ug/L		93	51 - 150	9	20
Isopropylbenzene	3.3		50.0	49.4		ug/L		92	70 - 126	3	20
Methylene Chloride	<1.6		50.0	39.3		ug/L		79	69 - 125	1	20
Methyl tert-butyl ether	<0.39		50.0	44.0		ug/L		88	55 - 123	1	20
Naphthalene	<0.34		50.0	39.4		ug/L		79	53 - 144	2	20
n-Butylbenzene	6.1		50.0	42.8		ug/L		73	68 - 125	3	20
N-Propylbenzene	6.9		50.0	50.0		ug/L		86	69 - 127	4	20
p-Isopropyltoluene	<0.36		50.0	44.7		ug/L		89	70 - 125	3	20
sec-Butylbenzene	4.0		50.0	46.3		ug/L		85	70 - 123	2	20
Styrene	<0.39		50.0	44.3		ug/L		89	70 - 120	1	20
tert-Butylbenzene	<0.40		50.0	47.8		ug/L		96	70 - 121	1	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	45.6		ug/L		91	70 - 125	2	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	42.0		ug/L		84	62 - 140	5	20
Tetrachloroethene	<0.37		50.0	51.0		ug/L		102	70 - 128	1	20
Toluene	0.82		50.0	42.4		ug/L		83	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	41.9		ug/L		84	70 - 125	0	20
trans-1,3-Dichloropropene	<0.36		50.0	41.4		ug/L		83	62 - 128	2	20
1,2,3-Trichlorobenzene	<0.46		50.0	41.0		ug/L		82	51 - 145	0	20
1,2,4-Trichlorobenzene	<0.34		50.0	41.3		ug/L		83	57 - 137	0	20
1,1,1-Trichloroethane	<0.38		50.0	44.5		ug/L		89	70 - 125	1	20
1,1,2-Trichloroethane	<0.35		50.0	41.4		ug/L		83	71 - 130	2	20
Trichloroethene	<0.16		50.0	48.4		ug/L		97	70 - 125	2	20
Trichlorofluoromethane	<0.43		50.0	51.3		ug/L		103	55 - 128	4	20
1,2,3-Trichloropropane	<0.41		50.0	46.6		ug/L		93	50 - 133	2	20
1,2,4-Trimethylbenzene	0.40	J	50.0	45.1		ug/L		89	70 - 123	1	20
1,3,5-Trimethylbenzene	<0.25		50.0	45.1		ug/L		90	70 - 123	3	20
Vinyl chloride	<0.20		50.0	51.2		ug/L		102	64 - 126	10	20
Xylenes, Total	2.0		100	90.1		ug/L		88	70 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
Toluene-d8 (Surr)	*91*		*75 - 120*

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

Lab Sample ID: MB 500-746020/1-A
Matrix: Water
Analysis Batch: 746028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.25		0.80	0.25	ug/L		12/11/23 07:43	12/11/23 16:57	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		12/11/23 07:43	12/11/23 16:57	1
Anthracene	<0.27		0.80	0.27	ug/L		12/11/23 07:43	12/11/23 16:57	1

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

Lab Sample ID: MB 500-746020/1-A
Matrix: Water
Analysis Batch: 746028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		12/11/23 07:43	12/11/23 16:57	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		12/11/23 07:43	12/11/23 16:57	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		12/11/23 07:43	12/11/23 16:57	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		12/11/23 07:43	12/11/23 16:57	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		12/11/23 07:43	12/11/23 16:57	1
Chrysene	<0.055		0.16	0.055	ug/L		12/11/23 07:43	12/11/23 16:57	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		12/11/23 07:43	12/11/23 16:57	1
Fluoranthene	<0.36		0.80	0.36	ug/L		12/11/23 07:43	12/11/23 16:57	1
Fluorene	<0.20		0.80	0.20	ug/L		12/11/23 07:43	12/11/23 16:57	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		12/11/23 07:43	12/11/23 16:57	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		12/11/23 07:43	12/11/23 16:57	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		12/11/23 07:43	12/11/23 16:57	1
Naphthalene	<0.25		0.80	0.25	ug/L		12/11/23 07:43	12/11/23 16:57	1
Phenanthrene	<0.24		0.80	0.24	ug/L		12/11/23 07:43	12/11/23 16:57	1
Pyrene	<0.34		0.80	0.34	ug/L		12/11/23 07:43	12/11/23 16:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*34 - 110*	*12/11/23 07:43*	*12/11/23 16:57*	*1*
Nitrobenzene-d5 (Surr)	*82*		*36 - 120*	*12/11/23 07:43*	*12/11/23 16:57*	*1*
Terphenyl-d14 (Surr)	*82*		*40 - 145*	*12/11/23 07:43*	*12/11/23 16:57*	*1*

Lab Sample ID: LCS 500-746020/2-A
Matrix: Water
Analysis Batch: 746028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746020

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	20.3		ug/L		63	46 - 110
Acenaphthylene	32.0	21.0		ug/L		66	47 - 113
Anthracene	32.0	23.6		ug/L		74	67 - 118
Benzo[a]anthracene	32.0	25.5		ug/L		80	70 - 126
Benzo[a]pyrene	32.0	29.2		ug/L		91	70 - 135
Benzo[b]fluoranthene	32.0	23.7		ug/L		74	69 - 136
Benzo[g,h,i]perylene	32.0	24.5		ug/L		76	70 - 135
Benzo[k]fluoranthene	32.0	26.8		ug/L		84	70 - 133
Chrysene	32.0	22.8		ug/L		71	68 - 129
Dibenz(a,h)anthracene	32.0	23.6		ug/L		74	70 - 134
Fluoranthene	32.0	26.2		ug/L		82	68 - 126
Fluorene	32.0	20.7		ug/L		65	53 - 120
Indeno[1,2,3-cd]pyrene	32.0	28.3		ug/L		88	65 - 133
1-Methylnaphthalene	32.0	18.7		ug/L		58	38 - 110
2-Methylnaphthalene	32.0	17.9		ug/L		56	34 - 110
Naphthalene	32.0	17.6		ug/L		55	36 - 110
Phenanthrene	32.0	23.8		ug/L		74	65 - 120
Pyrene	32.0	18.1	*-	ug/L		57	70 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*59*		*34 - 110*
Nitrobenzene-d5 (Surr)	*61*		*36 - 120*

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

Lab Sample ID: LCS 500-746020/2-A
Matrix: Water
Analysis Batch: 746028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746020

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*58*		*40 - 145*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 280-636907/1-A
Matrix: Water
Analysis Batch: 637443

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 636907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.50		5.0	0.50	ug/L		12/13/23 18:38	12/14/23 16:56	1
Lead	<0.23		1.0	0.23	ug/L		12/13/23 18:38	12/14/23 16:56	1

Lab Sample ID: LCS 280-636907/2-A
Matrix: Water
Analysis Batch: 637443

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 636907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	40.0	39.4		ug/L		99	85 - 117
Lead	40.0	39.4		ug/L		98	85 - 118

Lab Sample ID: 500-243566-2 MS
Matrix: Water
Analysis Batch: 637443

Client Sample ID: MW-6
Prep Type: Dissolved
Prep Batch: 636907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.91	J	40.0	39.9		ug/L		97	92 - 112
Lead	1.3	F1	40.0	40.5		ug/L		98	95 - 116

Lab Sample ID: 500-243566-2 MSD
Matrix: Water
Analysis Batch: 637443

Client Sample ID: MW-6
Prep Type: Dissolved
Prep Batch: 636907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.91	J	40.0	38.8		ug/L		95	92 - 112	3	20
Lead	1.3	F1	40.0	39.0	F1	ug/L		94	95 - 116	4	20

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-5
Date Collected: 12/04/23 11:20
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:03

Client Sample ID: MW-6
Date Collected: 12/04/23 12:15
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:07

Client Sample ID: MW-17
Date Collected: 12/04/23 13:39
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			746020	AC	EET CHI	12/11/23 07:43
Total/NA	Analysis	8270E		1	746028	SS	EET CHI	12/11/23 17:47
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:24

Client Sample ID: MW-2
Date Collected: 12/05/23 09:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 20:34
Total/NA	Prep	3510C			746020	AC	EET CHI	12/11/23 07:43
Total/NA	Analysis	8270E		1	746028	SS	EET CHI	12/11/23 18:12
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:28

Client Sample ID: MW-3
Date Collected: 12/05/23 09:40
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:38

Client Sample ID: MW-4
Lab Sample ID: 500-243566-6

Date Collected: 12/05/23 10:25
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:42

Client Sample ID: MW-19
Lab Sample ID: 500-243566-7

Date Collected: 12/05/23 11:05
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 20:58
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:46

Client Sample ID: MW-11
Lab Sample ID: 500-243566-8

Date Collected: 12/05/23 11:50
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 21:22
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:49

Client Sample ID: MW-21
Lab Sample ID: 500-243566-9

Date Collected: 12/05/23 12:40
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:53

Client Sample ID: MW-21 DUP
Lab Sample ID: 500-243566-10

Date Collected: 12/05/23 12:40
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 17:56

Client Sample ID: MW-19 DUP
Lab Sample ID: 500-243566-11

Date Collected: 12/05/23 11:05
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 21:47
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:00

Client Sample ID: MW-18
Lab Sample ID: 500-243566-12
Date Collected: 12/05/23 13:00
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			746020	AC	EET CHI	12/11/23 07:43
Total/NA	Analysis	8270E		1	746028	SS	EET CHI	12/11/23 18:36

Client Sample ID: MW-15
Lab Sample ID: 500-243566-13
Date Collected: 12/05/23 13:30
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 22:11
Total/NA	Prep	3510C			746020	AC	EET CHI	12/11/23 07:43
Total/NA	Analysis	8270E		1	746028	SS	EET CHI	12/11/23 19:01
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:10

Client Sample ID: MW-10
Lab Sample ID: 500-243566-14
Date Collected: 12/05/23 14:00
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:14

Client Sample ID: MW-7
Lab Sample ID: 500-243566-15
Date Collected: 12/05/23 14:20
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:17

Client Sample ID: MW-12
Lab Sample ID: 500-243566-16
Date Collected: 12/05/23 14:30
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:21

Client Sample ID: MW-13
Lab Sample ID: 500-243566-17
Date Collected: 12/05/23 15:00
Matrix: Water
Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 22:35
Total/NA	Prep	3510C			746020	AC	EET CHI	12/11/23 07:43
Total/NA	Analysis	8270E		1	746028	SS	EET CHI	12/11/23 19:26

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Scot Industries 1690020135-001

Job ID: 500-243566-1

Client Sample ID: MW-13
Date Collected: 12/05/23 15:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:24

Client Sample ID: MW-1
Date Collected: 12/05/23 15:20
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 22:59
Dissolved	Prep	3005A			636907	AMH	EET DEN	12/13/23 18:38
Dissolved	Analysis	6020B		1	637443	LMT	EET DEN	12/14/23 18:28

Client Sample ID: TRIP BLANK
Date Collected: 12/04/23 00:00
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243566-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	745943	AJP	EET CHI	12/10/23 16:11

Laboratory References:

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

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-243566-1
Project/Site: Scot Industries 1690020135-001

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-24
A2LA	ISO/IEC 17025	2907.01	10-31-25
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	02-10-24
Arizona	State	AZ0713	12-20-23
Arkansas DEQ	State	19-047-0	05-31-23 *
California	State	2513	01-09-24
Connecticut	State	PH-0686	09-30-24
Florida	NELAP	E87667-57	06-30-24
Georgia	State	4025-011	01-08-24
Illinois	NELAP	2000172019-1	04-30-24
Iowa	State	370	12-01-24
Kansas	NELAP	E-10166	04-30-24
Kentucky (WW)	State	KY98047	12-31-23
Louisiana	NELAP	30785	06-30-14 *
Louisiana	NELAP	30785	06-30-23 *
Louisiana (All)	NELAP	30785	06-30-24
Minnesota	NELAP	1788752	12-31-23
Nevada	State	CO000262020-1	07-31-24
New Hampshire	NELAP	2053	04-28-24
New Jersey	NELAP	230001	06-30-24
New York	NELAP	59923	03-31-24
North Carolina (WW/SW)	State	358	12-31-23
North Dakota	State	R-034	01-08-24
Oklahoma	NELAP	8614	08-31-24
Oregon	NELAP	4025-019	01-08-24
Pennsylvania	NELAP	013	07-31-24
South Carolina	State	72002001	01-08-24
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183-21-19	09-30-24
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO000262019-11	07-31-24
Virginia	NELAP	460232	06-14-24
Washington	State	C583	08-03-24
West Virginia DEP	State	354	11-30-24
Wisconsin	State	999615430	08-31-24
Wyoming (UST)	A2LA	2907.01	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: D. GLASFORD	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500 118684-46548 5
Client Contact: Duncan Glasford / RMAZ	Phone:	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin: WI	Page: Page 1 of 2
Company: Ramboll Americas Engineering Solutions	PWSID:	Analysis Requested		Job #: 500-243566
Address: 234 W Florida Street Fifth Floor	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other
City: Milwaukee	TAT Requested (days): STD			
State, Zip: WI, 53204	Compliance Project: Δ Yes Δ No			
Phone: 500-243566 COC	PO #: 1690020135-001			
Email: DGLASFORD@ramboll com / RMAZWORKFLOW@RAMBOLL.COM	WO #:			
Project Name: Scot Industries 1690020135-001	Project #: 50019497			
Site:	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7470A	8260B - VOC	8270D - PAH										Total Number of containers	Special Instructions/Note:
				Preservation Code:				D	A	N											
1	MW-5	12-4-23	1120	G	Water	Y		X													AS
2	MW-6		1215		Water			X													Pb
3	MW-17		1339		Water			X		X											AS
4	MW-2	12-5-23	900		Water			X	X	X											AS
5	MW-3		940		Water			X													AS
6	MW-4		1025		Water			X													AS
7	MW-19		1105		Water			~~X~~	~~X~~	~~X~~ DUP											VOC + AS
8	MW-11		1150		Water			X	X												AS
9	MW-21		1240		Water			X													AS
10	MW-21 DUP		1240		Water			X													AS
11	MW-19 DUP		1105		WATER			X	X												AS

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	12-7-23 1240	RAMBOLL		12/7/23 1240	Eurofins
Relinquished by:	12/7/23 1700	Eurofins		12/8/23 1005	EEN
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		2.8-72.2

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534 5200 Fax 708 534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: D-GLASFORD	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500 118684-46548 4
Client Contact: Duncan Glasford / R MAZ	Phone:	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin: WI	Page: Page 2 of 2
Company: Ramboll Americas Engineering Solutions	PWSID:			Job #: 500-243566
Address: 234 W Florida Street Fifth Floor	Due Date Requested:			
City: Milwaukee	TAT Requested (days): STD			
State, Zip: WI, 53204	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1690020135-001			
Email: DGLASFORD@ramboll com/RMAZURKIEWICZ@RAMBOLL.com	WO #:			
Project Name: Scot Industries 1690020135-001	Project #: 50019497			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify), Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B, 7470A (6 BOTTLES)	8260B - VOC	8270D - PAH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N		
12 MW-18	12-5-23	1300	G	Water					X		
13 MW-15		1330		Water	Y		X	X	X		AS
14 MW-10		1400		Water			X				AS
15 MW-7		1420		Water			X				AS
16 MW-12		1430		Water			X				AS
17 MW-13		1500		Water			X	X	X		AS
18 MW-1		1520		Water			X	X			AS
19 TRIP BLANK	—	—	—	Water				X			
				Water							
				Water							
				Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

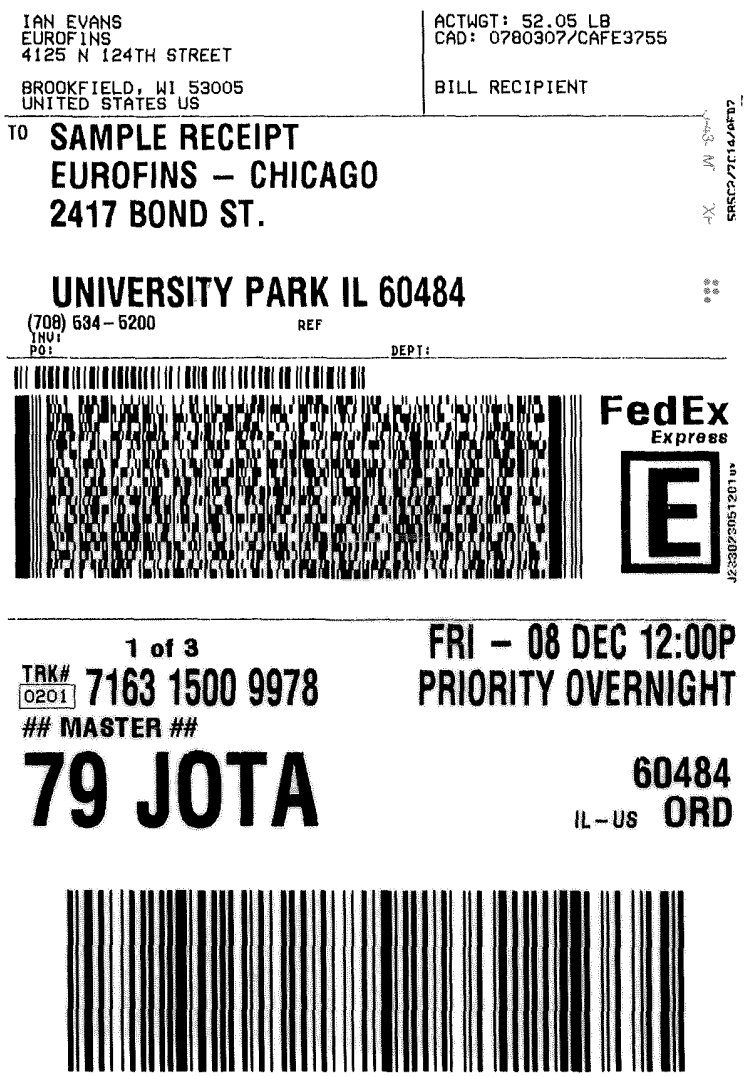
Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	12-7-23 1240	RAMBOLL	Received by:	12/7/23 1240	Eurofins
Relinquished by:	12/7/23 1700	Eurofins	Received by:	12/8/23 1005	ERTH
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

500-243566 Waybi


IAN EVANS
EUROFINS
4125 N 124TH STREET

BROOKFIELD, WI 53005
UNITED STATES US

ACTWGT: 52.05 LB
CAD: 0780307/CAFE3755

BILL RECIPIENT

TO SAMPLE RECEIPT
EUROFINS – CHICAGO
2417 BOND ST.

UNIVERSITY PARK IL 60484

(708) 534-6200 REF

INV:
PO: DEPT:

FedEx Express

1 of 3

TRK# 0201 7163 1500 9978

MASTER

79 JOTA

FRI – 08 DEC 12:00P
PRIORITY OVERNIGHT

60484
IL-US ORD

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-182516.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin		Job #: 500-243566-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 12/21/2023			
City: Arvada	TAT Requested (days):			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #:			
Email:	WO #:			
Project Name: Scot Industries 1690020135-001	Project #: 50019497			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRD (MOD) 1 element, including prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-5 (500-243566-1)	12/4/23	11:20 Central		Water			X	1	
MW-6 (500-243566-2)	12/4/23	12:15 Central		Water			X	1	
MW-17 (500-243566-3)	12/4/23	13:39 Central		Water			X	1	
MW-2 (500-243566-4)	12/5/23	09:00 Central		Water			X	1	
MW-3 (500-243566-5)	12/5/23	09:40 Central		Water			X	1	
MW-4 (500-243566-6)	12/5/23	10:25 Central		Water			X	1	
MW-19 (500-243566-7)	12/5/23	11:05 Central		Water			X	1	
MW-11 (500-243566-8)	12/5/23	11:50 Central		Water			X	1	
MW-21 (500-243566-9)	12/5/23	12:40 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/8/23 1600	EETA		12-9-23 0945	EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1016 CF 0.2 IR AppA

Ver: 06/08/2021

12/19/2023

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-182516.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin		Job #: 500-243566-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 12/21/2023			
City: Arvada	TAT Requested (days):			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #:			
Email:	WO #:			
Project Name: Scot Industries 1690020135-001	Project #: 50019497			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRD (MOD) 1 element, including prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-21 DUP (500-243566-10)	12/5/23	12:40 Central		Water			X	1	
MW-19 DUP (500-243566-11)	12/5/23	11:05 Central		Water			X	1	
MW-15 (500-243566-13)	12/5/23	13:30 Central		Water			X	1	
MW-10 (500-243566-14)	12/5/23	14:00 Central		Water			X	1	
MW-7 (500-243566-15)	12/5/23	14:20 Central		Water			X	1	
MW-12 (500-243566-16)	12/5/23	14:30 Central		Water			X	1	
MW-13 (500-243566-17)	12/5/23	15:00 Central		Water			X	1	
MW-1 (500-243566-18)	12/5/23	15:20 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	12/8/23 1600	EETA	[signature]	12-9-23 0945	EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		10.6 IR 0.2 IR AppA

Ver: 06/08/2021

12/19/2023

Login Sample Receipt Checklist

Client: Ramboll Americas Engineering Solutions

Job Number: 500-243566-1

Login Number: 243566
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ramboll Americas Engineering Solutions

Job Number: 500-243566-1

Login Number: 243566
List Number: 2
Creator: Little, Matthew L

List Source: Eurofins Denver
List Creation: 12/09/23 11:39 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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	
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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	