

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: SCOTLAND OIL - FORMER AMOCO
Name:
ClientProj: 64783
GTA ProjNo: 080122-5

Site Addr: 1025 E. REMUS RD

Sampled By: CM/SO - MCE
Date Rec: 8/1/2022
Time Rec: 1:24 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-8 (8.5'-9')	7/26/2022	1:23 PM	SOIL
2	MW-9 (3.5'-4.0')	7/26/2022	3:16 PM	SOIL
3	MW-9 (10.5'-11.5')	7/26/2022	3:38 PM	SOIL
4	MW-10 (3.5'-4.0')	7/26/2022	2:19 PM	SOIL
5	MW-10 (12.0'-13.0')	7/26/2022	2:28 PM	SOIL
6	MW-11 (3.5'-4.0')	7/27/2022	9:08 AM	SOIL
7	MW-11 (11.5'-12.0')	7/27/2022	9:24 AM	SOIL
8	MW-12 (3.5'-4.0')	7/27/2022	10:08 AM	SOIL
9	MW-12 (12.5'-13.0')	7/27/2022	10:25 AM	SOIL
10	DUPLICATE	7/27/2022		SOIL
11	MW-1	7/26/2022	1:35 PM	WATER
12	MW-2	7/26/2022	3:00 PM	WATER
13	MW-3	7/26/2022	2:20 PM	WATER
14	MW-8	7/26/2022	3:35 PM	WATER
15	DUPLICATE	7/26/2022		WATER
16	MW-9	7/27/2022	10:05 AM	WATER
17	MW-10	7/26/2022	4:10 PM	WATER
18	MW-11	7/27/2022	10:45 AM	WATER
19	MW-12	7/27/2022	12:25 PM	WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
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kirk@gtanalytical.com

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COMPANY: SCOTLAND OIL - FORMER AMOCO

PROJECT NO: 64783

LOCATION: 1025 E. REMUS RD

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-8 (8.5'-9')

GTA PROJECT NO: 080122-5

GTA SAMPLE NO: 1

DATE SAMPLED: 7/26/2022

TIME SAMPLED: 1:23 PM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 2

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/26/2022

TIME SAMPLED: 3:16 PM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-9 (3.5'-4.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 3

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/26/2022

TIME SAMPLED: 3:38 PM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-9 (10.5'-11.5')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 4

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/26/2022

TIME SAMPLED: 2:19 PM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-10 (3.5'-4.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 5

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/26/2022

TIME SAMPLED: 2:28 PM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-10 (12.0'-13.0')

SAMPLED BY: CM/SO - MCE

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EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 6

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/27/2022

TIME SAMPLED: 9:08 AM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-11 (3.5'-4.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/27/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 7

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/27/2022

TIME SAMPLED: 9:24 AM

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-11 (11.5'-12.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/27/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 8

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/27/2022

TIME SAMPLED: 10:08 AM

MI

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-12 (3.5'-4.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/27/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

PROJECT NO: 64783

GTA SAMPLE NO: 9

LOCATION: 1025 E. REMUS RD

DATE SAMPLED: 7/27/2022

TIME SAMPLED: 10:25 AM

MI

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-12 (12.5'-13.0')

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/27/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: SCOTLAND OIL - FORMER AMOCO

PROJECT NO: 64783

LOCATION: 1025 E. REMUS RD

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: DUPLICATE

GTA PROJECT NO: 080122-5

GTA SAMPLE NO: 10

DATE SAMPLED: 7/27/2022

TIME SAMPLED:

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

SAMPLED BY: CM/SO - MCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/27/2022	8/3/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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FAX: 231-929-0894

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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 11
DATE SAMPLED: 7/26/2022
TIME SAMPLED: 1:35 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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**INDEPENDENT TESTING LAB**

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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 12
DATE SAMPLED: 7/26/2022
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 13
DATE SAMPLED: 7/26/2022
TIME SAMPLED: 2:20 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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**INDEPENDENT TESTING LAB**

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www.gtanalytical.com

COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 14
DATE SAMPLED: 7/26/2022
TIME SAMPLED: 3:35 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	6.9	3.0					
1,2,4-Trimethylbenzene	29	1.0					
1,3,5-Trimethylbenzene	11	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: DUPLICATE

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 15
DATE SAMPLED: 7/26/2022
TIME SAMPLED:
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 16
DATE SAMPLED: 7/27/2022
TIME SAMPLED: 10:05 AM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 17
DATE SAMPLED: 7/26/2022
TIME SAMPLED: 4:10 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 18
DATE SAMPLED: 7/27/2022
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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FAX: 231-929-0894

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COMPANY: SCOTLAND OIL - FORMER AMOCO
PROJECT NO: 64783
LOCATION: 1025 E. REMUS RD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-12

GTA PROJECT NO: 080122-5
GTA SAMPLE NO: 19
DATE SAMPLED: 7/27/2022
TIME SAMPLED: 12:25 PM
DATE RECEIVED: 8/1/2022
TIME RECEIVED: 1:24 PM
SAMPLED BY: CM/SO - MCE

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

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COMPANY: SCOTLAND OIL - FORMER AMOCO

GTA PROJECT NO: 080122-5

NAME:

SAMPLED BY: CM/SO - MCE

PROJECT NO: 64783

DATE SAMPLED: 7/26/2022

LOCATION: 1025 E. REMUS RD

SAMPLE SOIL

DATE RECEIVED: 8/1/2022

TIME RECEIVED: 1:24 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
	SAMPLE ID: MW-8 (8.5'-9')					
	% MOISTURE EPA 3550C	3.7	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-9 (3.5'-4.0')					
	% MOISTURE EPA 3550C	4.1	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-9 (10.5'-11.5')					
	% MOISTURE EPA 3550C	5.7	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-10 (3.5'-4.0')					
	% MOISTURE EPA 3550C	3.3	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-10 (12.0'-13.0')					
	% MOISTURE EPA 3550C	2.3	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-11 (3.5'-4.0')					
	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-11 (11.5'-12.0')					
	% MOISTURE EPA 3550C	1.4	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-12 (3.5'-4.0')					
	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: MW-12 (12.5'-13.0')					
	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	8/2/2022
	SAMPLE ID: DUPLICATE					
	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	8/2/2022

INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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6/2

CHAIN OF CUSTODY

PROJECT NUMBER 64783	SITE NAME/ADDRESS 1025 E. Remus Rd	COMPANY/NAME Scotland Oil - Former Amoco
SAMPLED BY Cassidy Meister Steve Ogden	COMPANY Michigan Consulting Environmental	GTA PROJECT # 080122-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-8 (8.5' - 9')	7-26-22	1323	Soil	unleaded gas
2	MW-9 (3.5' - 4.0')	7-26-22	1516	soil	
3	MW-9 (10.5' - 11.5')	7-26-22	1538	soil	
4	MW-10 (3.5' - 4.0')	7-26-22	1419	soil	
5	MW-10 (12.0' - 13.0')	7-26-22	1428	soil	
6	MW-11 (3.5' - 4.0')	7-27-22	0908	soil	
7	MW-11 (11.5' - 12.0')	7-27-22	0924	soil	
8	MW-12 (3.5' - 4.0')	7-27-22	1008	soil	
9	MW-12 (12.5' - 13.0')	7-27-22	1025	Soil	
10	Duplicate	7-27-22		soil	
11	MW-1	7-26-22	1335	GW	
12	MW-2	7-26-22	1500	GW	
13	MW-3	7-26-22	1420	GW	
14	MW-8	7-26-22	1535	GW	
15	Duplicate	7-26-22		GW	

BILL TO:

MCE

TempRec: ☐

3.40C

On Ice? ☒

REPORT TO:

John Veldhuis / MCE

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Gy n 7-27-22 5:00pm
MCE Sample Storage 7-29-22 5:00pm

MCE Sample Storage 7-29-22 5:00 pm
K. L. 8/1/22 1:24p

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS

Samples kept on Ice

