



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: MICHIGAN CONSULTING &  
Name: ENVIRONMENTAL  
ClientProj: 65020

Site Addr: DIPPOLD HEATING INV.

GTA ProjNo: 110424-1

Sampled By: MB/TH - MCE  
Date Rec: 11/4/2024  
Time Rec: 11:40 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	TMW-1	11/1/2024	9:40 AM	WATER
2	TMW-2	11/1/2024	11:05 AM	WATER
3	TMW-3	11/1/2024	10:30 AM	WATER
4	TMW-4	11/1/2024	12:15 PM	WATER
5	TMW-5	11/1/2024	9:55 AM	WATER
6	SB-1 @ 7-8'	11/1/2024	9:00 AM	SOIL
7	SB-1 @ 9-10'	11/1/2024	9:00 AM	SOIL
8	SB-2 @ 7-8'	11/1/2024	10:45 AM	SOIL
9	SB-2 @ 9-10'	11/1/2024	10:45 AM	SOIL
10	SB-3 @ 7-8'	11/1/2024	9:55 AM	SOIL
11	SB-3 @ 9-10'	11/1/2024	9:55 AM	SOIL
12	SB-4D @ 7-8'	11/1/2024	11:45 AM	SOIL
13	SB-4D @ 9-10'	11/1/2024	11:45 AM	SOIL
14	SB-4D @ 11-12'	11/1/2024	11:45 AM	SOIL
15	SB-5 @ 7-8'	11/1/2024	9:25 AM	SOIL
16	SB-5 @ 9-10'	11/1/2024	9:25 AM	SOIL

ELECTRONIC SIGNITURE 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  
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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	1
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:40 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	TMW-1
SAMPLE	WATER		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/4/2024	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					
n-Propylbenzene	ND	1.0					
s-Butylbenzene	ND	1.0					
t-Butylbenzene	ND	1.0					

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

ND = NOT DETECTED

LOD = LIMIT OF DETECTION



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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	2
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	11:05 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	TMW-2
SAMPLE	WATER		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/4/2024	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					
n-Propylbenzene	ND	1.0					
s-Butylbenzene	ND	1.0					
t-Butylbenzene	ND	1.0					

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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	3
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	10:30 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	TMW-3
SAMPLE	WATER		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/4/2024	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					
n-Propylbenzene	ND	1.0					
s-Butylbenzene	ND	1.0					
t-Butylbenzene	ND	1.0					

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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	4
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	12:15 PM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	TMW-4
SAMPLE	WATER		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/4/2024	EPA 5030B
Toluene	5.1	1.0					
Ethylbenzene	5.2	1.0					
Xylene(Total)	35	3.0					
1,2,4-Trimethylbenzene	25	1.0					
1,3,5-Trimethylbenzene	17	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	15	5.0					
2-Methylnaphthalene	75	5.0					
n-Propylbenzene	3.6	1.0					
s-Butylbenzene	2.7	1.0					
t-Butylbenzene	ND	1.0					

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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	5
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:55 AM
		DATE RECEIVED:	11/4/2024
SAMPLED BY:	MI MB/TH - MCE	TIME RECEIVED:	11:40 AM
SAMPLE	WATER	SAMPLE ID:	TMW-5

**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		11/4/2024	EPA 5030B
Toluene	4.9	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	5.8	3.0					
1,2,4-Trimethylbenzene	4.2	1.0					
1,3,5-Trimethylbenzene	10	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	18	5.0					
n-Propylbenzene	ND	1.0					
s-Butylbenzene	ND	1.0					
t-Butylbenzene	ND	1.0					

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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	6
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:00 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-1 @ 7-8'
SAMPLE	SOIL		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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 LOD = LIMIT OF DETECTION

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	7
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:00 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-1 @ 9-10'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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 LOD = LIMIT OF DETECTION

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	8
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-2 @ 7-8'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	9
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-2 @ 9-10'
SAMPLE	SOIL		

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	10
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:55 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-3 @ 7-8'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	11
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:55 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-3 @ 9-10'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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LOD = LIMIT OF DETECTION

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	12
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	11:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-4D @ 7-8'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	13
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	11:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-4D @ 9-10'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	310	150					
1,2,4-Trimethylbenzene	160	50					
1,3,5-Trimethylbenzene	3,700	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	3,400	250					
n-Propylbenzene	ND	50					
s-Butylbenzene	420	50					
t-Butylbenzene	130	50					

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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	14
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	11:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-4D @ 11-12'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	EPA 5035A
Toluene	1,200	50					
Ethylbenzene	1,300	50					
Xylene(Total)	11,000	150					
1,2,4-Trimethylbenzene	13,000	50					
1,3,5-Trimethylbenzene	7,900	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	3,000	250					
2-Methylnaphthalene	31,000	250					
n-Propylbenzene	1,500	50					
s-Butylbenzene	1,700	50					
t-Butylbenzene	190	50					

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 LOD = LIMIT OF DETECTION

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	15
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:25 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-5 @ 7-8'
SAMPLE	SOIL		

**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	11/1/2024	11/4/2024	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					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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

COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
PROJECT NO:	65020	GTA SAMPLE NO:	16
LOCATION:	DIPPOLD HEATING INV.	DATE SAMPLED:	11/1/2024
		TIME SAMPLED:	9:25 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE	SAMPLE ID:	SB-5 @ 9-10'
SAMPLE	SOIL		

**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	11/1/2024	11/12/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	240	150					
1,2,4-Trimethylbenzene	69	50					
1,3,5-Trimethylbenzene	180	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	260	250					
n-Propylbenzene	ND	50					
s-Butylbenzene	ND	50					
t-Butylbenzene	ND	50					

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



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COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 1

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:40 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE WATER  
SAMPLE ID: TMW-1

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/MR	11/5/2024	11/7/2024	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



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COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 2

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 11:05 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE WATER  
SAMPLE ID: TMW-2

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/MR	11/5/2024	11/7/2024	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 3

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 10:30 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE WATER  
SAMPLE ID: TMW-3

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/MR	11/5/2024	11/7/2024	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 4

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 12:15 PM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE WATER  
SAMPLE ID: TMW-4

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/MR	11/5/2024	11/8/2024	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	5.5	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	10	2.0					
Pyrene	ND	5.0					

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

COMPANY: MICHIGAN CONSULTING &  
 ENVIRONMENTAL  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 5

DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 9:55 AM

SAMPLED BY: MI  
 MB/TH - MCE

DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

SAMPLE WATER  
 SAMPLE ID: TMW-5

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	6.0	5.0	ug/L (PPB)	KC/MR	11/5/2024	11/8/2024	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	6.2	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	9.5	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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 LOD = LIMIT OF DETECTION.



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COMPANY: MICHIGAN CONSULTING &  
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PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 6  
DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:00 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-1 @ 7-8'

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



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COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 7

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:00 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-1 @ 9-10'

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
 ENVIRONMENTAL  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 8

DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 10:45 AM

SAMPLED BY: MI  
 MB/TH - MCE

DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
 SAMPLE ID: SB-2 @ 7-8'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 9

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 10:45 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-2 @ 9-10'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 10

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:55 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-3 @ 7-8'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
 ENVIRONMENTAL  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 11

DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 9:55 AM

SAMPLED BY: MI  
 MB/TH - MCE

DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
 SAMPLE ID: SB-3 @ 9-10'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
 ENVIRONMENTAL  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 12

DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 11:45 AM

SAMPLED BY: MI  
 MB/TH - MCE

DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
 SAMPLE ID: SB-4D @ 7-8'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/6/2024	11/11/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 13

DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 11:45 AM

SAMPLED BY: MI MB/TH - MCE

DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
 SAMPLE ID: SB-4D @ 9-10'

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	2,200	330	ug/Kg (PPB)	KC/TR	11/7/2024	11/11/2024	EPA 3550B
Acenaphthylene	540	330					
Anthracene	1,100	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	2,800	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	6,800	330					
Pyrene	1,900	330					

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



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COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 14

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 11:45 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-4D @ 11-12'

**PNA EPA 8270D (SIM)**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Acenaphthene	2,300	330	ug/Kg (PPB)	KC/TR	11/7/2024	11/12/2024	EPA 3550B
Acenaphthylene	680	330					
Anthracene	1,200	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	4,300	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	8,400	330					
Pyrene	1,800	330					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 15

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:25 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-5 @ 7-8'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/7/2024	11/12/2024	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: MICHIGAN CONSULTING &  
ENVIRONMENTAL  
PROJECT NO: 65020  
LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1  
GTA SAMPLE NO: 16

DATE SAMPLED: 11/1/2024  
TIME SAMPLED: 9:25 AM

SAMPLED BY: MI  
MB/TH - MCE

DATE RECEIVED: 11/4/2024  
TIME RECEIVED: 11:40 AM

SAMPLE SOIL  
SAMPLE ID: SB-5 @ 9-10'

**PNA EPA 8270D (SIM)**

<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>
Acenaphthene	2,700	330	ug/Kg (PPB)	KC/TR	11/7/2024	11/12/2024	EPA 3550B
Acenaphthylene	580	330					
Anthracene	1,400	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	410	330					
Fluorene	3,300	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	7,000	330					
Pyrene	2,700	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 6

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:00 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
MB/TH - MCE

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-1 @ 7-8'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/6/2024	4/12/2024	EPA 3550B
EPA 8015M								

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



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

SAMPLED BY: MI  
MB/TH - MCE

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 7

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:00 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-1 @ 9-10'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/6/2024	4/12/2024	EPA 3550B
EPA 8015M								

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



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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
NAME:		GTA SAMPLE NO:	8
PROJECT NO:	65020	DATE SAMPLED:	11/1/2024
LOCATION:	DIPPOLD HEATING INV.	TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE		

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-2 @ 7-8'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/6/2024	4/12/2024	EPA 3550B
EPA 8015M								

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY:	MICHIGAN CONSULTING & ENVIRONMENTAL	GTA PROJECT NO:	110424-1
NAME:		GTA SAMPLE NO:	9
PROJECT NO:	65020	DATE SAMPLED:	11/1/2024
LOCATION:	DIPPOLD HEATING INV.	TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	11/4/2024
		TIME RECEIVED:	11:40 AM
SAMPLED BY:	MI MB/TH - MCE		

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-2 @ 9-10'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/6/2024	4/12/2024	EPA 3550B
EPA 8015M								

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

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 10

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:55 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
 MB/TH - MCE

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-3 @ 7-8'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/6/2024	4/12/2024	EPA 3550B
EPA 8015M								

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

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 11

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:55 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
 MB/TH - MCE

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-3 @ 9-10'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 12

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 11:45 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
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**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-4D @ 7-8'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 NAME:  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.  
 MI  
 SAMPLED BY: MB/TH - MCE

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 13  
 DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 11:45 AM  
 DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-4D @ 9-10'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		690	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 NAME:  
 PROJECT NO: 65020  
 LOCATION: DIPPOLD HEATING INV.  
 MI  
 SAMPLED BY: MB/TH - MCE

GTA PROJECT NO: 110424-1  
 GTA SAMPLE NO: 14  
 DATE SAMPLED: 11/1/2024  
 TIME SAMPLED: 11:45 AM  
 DATE RECEIVED: 11/4/2024  
 TIME RECEIVED: 11:40 AM

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-4D @ 11-12'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		460	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 15

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:25 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
MB/TH - MCE

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-5 @ 7-8'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		ND	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL

NAME:

PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.

GTA PROJECT NO: 110424-1

GTA SAMPLE NO: 16

DATE SAMPLED: 11/1/2024

TIME SAMPLED: 9:25 AM

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

SAMPLED BY: MI  
MB/TH - MCE

**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	SB-5 @ 9-10'							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS C10-C20		560	10	mg/Kg (PPM)	KC/TR	4/8/2024	4/12/2024	EPA 3550B
EPA 8015M								

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



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NAME:  
PROJECT NO: 65020

LOCATION: DIPPOLD HEATING INV.  
  
MI

GTA PROJECT NO: 110424-1

SAMPLED BY: MB/TH - MCE

DATE SAMPLED: 11/1/2024

SAMPLE SOIL

DATE RECEIVED: 11/4/2024

TIME RECEIVED: 11:40 AM

**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: SB-1 @ 7-8' % MOISTURE EPA 3550C	6.3	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-1 @ 9-10' % MOISTURE EPA 3550C	4.7	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-2 @ 7-8' % MOISTURE EPA 3550C	2.0	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-2 @ 9-10' % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-3 @ 7-8' % MOISTURE EPA 3550C	2.7	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-3 @ 9-10' % MOISTURE EPA 3550C	5.3	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-4D @ 7-8' % MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-4D @ 9-10' % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-4D @ 11-12' % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-5 @ 7-8' % MOISTURE EPA 3550C	3.2	0.10	% OF SAMPLE	AS	11/4/2024
SAMPLE ID: SB-5 @ 9-10' % MOISTURE EPA 3550C	7.4	0.10	% OF SAMPLE	AS	11/4/2024

1/2

**CHAIN OF CUSTODY**

PROJECT NUMBER 65020	SITE NAME/ADDRESS Dippold Heating Inv.	COMPANY/NAME MCE
SAMPLED BY MB/TH	COMPANY MCE	GTA PROJECT # 110424-1

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	TMW-1	11/1/24	940	GW	PNA, PVOCs
2	TMW-2	11/1/24	1105		
3	TMW-3	11/1/24	1030		
4	TMW-4	11/1/24	1215		
5	TMW-5	11/1/24	955	↓	↓
6	SB-1@7-8'	11/1/24	900	SOIL	PVOCs, DRO, PNA
7	SB-1@9-10'	11/1/24	900		
8	SB-2@7-8'	11/1/24	1045		
9	SB-2@9-10'	11/1/24	1045		
10	SB-3@7-8'	11/1/24	955		
11	SB-3@9-10'	11/1/24	955		
12	SB-4D@7-8'	11/1/24	1145		
13	SB-4D@9-10'	11/1/24	1145		
14	SB-4D@11-12'	11/1/24	1145		
15	SB-5@7-8'	11/1/24	925	↓	↓

BILL TO: MCE	TempRec: <input type="checkbox"/> 6.1°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: thack@michenv.com
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RELEASED BY M. BROWN	DATE/TIME 11/4/24	RECEIVED BY K. CH	DATE/TIME 11/4/24 11:40am
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS

