

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MANTHEI VENEER, INC.

Name:

ClientProj: 4091

GTA ProjNo: 060519-5

Site Addr: 5421 MANTHEI RPAD

PETOSKEY

Sampled By: BRIAN PURKISS/COMPLIANCE, INC.

Date Rec: 6/5/2019

Time Rec: 9:18 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	6/4/2019	1:54 PM	WATER
2	MW-2	6/4/2019	2:16 PM	WATER
3	MW-3	6/4/2019	2:37 PM	WATER
4	MW-4	6/4/2019	1:25 PM	WATER
5	MW-5	6/4/2019	12:39 PM	WATER
6	MW-6	6/4/2019	11:02 AM	WATER
7	MW-7	6/4/2019	11:34 AM	WATER
8	MW-8	6/4/2019	12:17 PM	WATER
9	MW-9	6/4/2019	1:04 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 L Chase

Kirk L. Chase/Chemist
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COMPANY: MANTHEI VENEER, INC. GTA PROJECT NO: 060519-5
PROJECT NO: 4091 GTA SAMPLE NO: 1
LOCATION: 5421 MANTHEI RPAD DATE SAMPLED: 6/4/2019
PETOSKEY TIME SAMPLED: 1:54 PM
MI DATE RECEIVED: 6/5/2019
SAMPLED BY: BRIAN PURKISS/COMPLIANCE, INC. TIME RECEIVED: 9:18 AM
SAMPLE MATRIX: WATER SAMPLE ID: MW-1

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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	1.4	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					
n-Butylbenzene	1.2	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

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COMPANY: MANTHEI VENEER, INC. GTA PROJECT NO: 060519-5
PROJECT NO: 4091 GTA SAMPLE NO: 2
LOCATION: 5421 MANTHEI RPAD DATE SAMPLED: 6/4/2019
PETOSKEY TIME SAMPLED: 2:16 PM
MI DATE RECEIVED: 6/5/2019
SAMPLED BY: BRIAN PURKISS/COMPLIANCE, INC. TIME RECEIVED: 9:18 AM
SAMPLE MATRIX: WATER SAMPLE ID: MW-2

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	EPA 5030B
Toluene	6.3	1.0					
Ethylbenzene	270	10					
Xylene(Total)	1,700	21					
1,2,4-Trimethylbenzene	1,900	10					
1,3,5-Trimethylbenzene	550	10					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	310	5.0					
2-Methylnaphthalene	230	5.0					
n-Propylbenzene	150	10					
n-Butylbenzene	64	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT
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COMPANY:	MANTHEI VENEER, INC.	GTA PROJECT NO:	060519-5
PROJECT NO:	4091	GTA SAMPLE NO:	3
LOCATION:	5421 MANTHEI RPAD	DATE SAMPLED:	6/4/2019
	PETOSKEY	TIME SAMPLED:	2:37 PM
	MI	DATE RECEIVED:	6/5/2019
SAMPLED BY:	BRIAN PURKISS/COMPLIANCE, INC.	TIME RECEIVED:	9:18 AM
SAMPLE MATRIX:	WATER	SAMPLE ID:	MW-3

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>Complete</u>	<u>Prep Method</u>
Benzene	120	1.0	ug/L (PPB)	MR		6/6/2019	EPA 5030B
Toluene	43	1.0					
Ethylbenzene	1,200	25					
Xylene(Total)	5,100	51					
1,2,4-Trimethylbenzene	1,400	25					
1,3,5-Trimethylbenzene	350	25					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	380	5.0					
2-Methylnaphthalene	100	5.0					
n-Propylbenzene	150	1.0					
n-Butylbenzene	36	1.0					

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COMPANY:	MANTHEI VENEER, INC.	GTA PROJECT NO:	060519-5
PROJECT NO:	4091	GTA SAMPLE NO:	4
LOCATION:	5421 MANTHEI RPAD	DATE SAMPLED:	6/4/2019
	PETOSKEY	TIME SAMPLED:	1:25 PM
	MI	DATE RECEIVED:	6/5/2019
SAMPLED BY:	BRIAN PURKISS/COMPLIANCE, INC.	TIME RECEIVED:	9:18 AM
SAMPLE MATRIX:	WATER	SAMPLE ID:	MW-4

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>Complete</u>	<u>Prep Method</u>
Benzene	10	1.0	ug/L (PPB)	MR		6/6/2019	EPA 5030B
Toluene	1.7	1.0					
Ethylbenzene	140	1.0					
Xylene(Total)	830	3.0					
1,2,4-Trimethylbenzene	580	1.0					
1,3,5-Trimethylbenzene	140	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	140	5.0					
2-Methylnaphthalene	24	5.0					
n-Propylbenzene	60	1.0					
n-Butylbenzene	11	1.0					

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COMPANY: MANTHEI VENEER, INC. GTA PROJECT NO: 060519-5
PROJECT NO: 4091 GTA SAMPLE NO: 5
LOCATION: 5421 MANTHEI RPAD DATE SAMPLED: 6/4/2019
PETOSKEY TIME SAMPLED: 12:39 PM
MI DATE RECEIVED: 6/5/2019
SAMPLED BY: BRIAN PURKISS/COMPLIANCE, INC. TIME RECEIVED: 9:18 AM
SAMPLE MATRIX: WATER SAMPLE ID: MW-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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	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					
n-Butylbenzene	ND	1.0					

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COMPANY:	MANTHEI VENEER, INC.	GTA PROJECT NO:	060519-5
PROJECT NO:	4091	GTA SAMPLE NO:	6
LOCATION:	5421 MANTHEI RPAD	DATE SAMPLED:	6/4/2019
	PETOSKEY	TIME SAMPLED:	11:02 AM
	MI	DATE RECEIVED:	6/5/2019
SAMPLED BY:	BRIAN PURKISS/COMPLIANCE, INC.	TIME RECEIVED:	9:18 AM
SAMPLE MATRIX:	WATER	SAMPLE ID:	MW-6

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	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					
n-Butylbenzene	ND	1.0					

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COMPANY: MANTHEI VENEER, INC. GTA PROJECT NO: 060519-5
PROJECT NO: 4091 GTA SAMPLE NO: 7
LOCATION: 5421 MANTHEI RPAD DATE SAMPLED: 6/4/2019
PETOSKEY TIME SAMPLED: 11:34 AM
MI DATE RECEIVED: 6/5/2019
SAMPLED BY: BRIAN PURKISS/COMPLIANCE, INC. TIME RECEIVED: 9:18 AM
SAMPLE MATRIX: WATER SAMPLE ID: MW-7

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>Complete</u>	<u>Prep Method</u>
Benzene	5.7	1.0	ug/L (PPB)	MR		6/6/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	6.2	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	1.5	1.0					
n-Butylbenzene	ND	1.0					

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COMPANY: MANTHEI VENEER, INC. GTA PROJECT NO: 060519-5
PROJECT NO: 4091 GTA SAMPLE NO: 8
LOCATION: 5421 MANTHEI RPAD DATE SAMPLED: 6/4/2019
PETOSKEY TIME SAMPLED: 12:17 PM
MI DATE RECEIVED: 6/5/2019
SAMPLED BY: BRIAN PURKISS/COMPLIANCE, INC. TIME RECEIVED: 9:18 AM
SAMPLE MATRIX: WATER SAMPLE ID: MW-8

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	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					
n-Butylbenzene	ND	1.0					

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COMPANY:	MANTHEI VENEER, INC.	GTA PROJECT NO:	060519-5
PROJECT NO:	4091	GTA SAMPLE NO:	9
LOCATION:	5421 MANTHEI RPAD	DATE SAMPLED:	6/4/2019
	PETOSKEY	TIME SAMPLED:	1:04 PM
	MI	DATE RECEIVED:	6/5/2019
SAMPLED BY:	BRIAN PURKISS/COMPLIANCE, INC.	TIME RECEIVED:	9:18 AM
SAMPLE MATRIX:	WATER	SAMPLE ID:	MW-9

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/6/2019	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					
n-Butylbenzene	ND	1.0					

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CHAIN OF CUSTODY

PROJECT NUMBER 4091	SITE NAME/ADDRESS 5421 MANTHEI ROAD, PETOSKEY, MI 49770	COMPANY/NAME MANTHEI VE. ILL. INC
SAMPLED BY BRIAN PARKISS	COMPANY COMPLIANCE, INC	GTA PROJECT # 060519-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-1	6-4-19	13:54	GW	ETEX, PITEE, 124-THE, 135-THE
	MW-2		14:16		NH4, 2-METHYL NAPH
	MW-3		14:37		please add n-propylbenzene & n-butylbenzene RA 6/4/2019
	MW-4		13:25		
	MW-5		12:39		
	MW-6		11:02		
	MW-7		11:34		
	MW-8		12:17		
	MW-9		13:04		

BILL TO: COMPLIANCE, INC.

REPORT TO:

1092 on it

RAY ANDRASI

RELEASED BY	DATE/TIME	17:00	RECEIVED BY	DATE/TIME
	6-4-19	5:00	COMPLIANCE, INC.	6-4-19 17:00
COMPLIANCE, INC.	6-5-19	08:50		6-5-19 08:50
	6-5-19	09:18		6/5/19 9:19am

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