

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: JORDAN DEVELOPMENT CO. LLC
Name:
ClientProj: 160205-2800
GTA ProjNo: 081022-2

Site Addr: STATE FREDERIC 1-6

Sampled By: LMH-J/ECT
Date Rec: 8/10/2022
Time Rec: 12:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-1	8/9/2022		WATER
2	MW-2S	8/9/2022		WATER
3	MW-2D	8/9/2022		WATER
4	MW-3	8/9/2022		WATER
5	MW-4	8/9/2022		WATER
6	MW-5	8/9/2022		WATER
7	MW-6	8/9/2022		WATER
8	MW-7	8/9/2022		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
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**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

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COMPANY: JORDAN DEVELOPMENT CO. LLC
PROJECT NO: 160205-2800
LOCATION: STATE FREDERIC 1-6
MI
SAMPLE MATRIX: WATER
SAMPLE ID: OW-1

GTA PROJECT NO: 081022-2
GTA SAMPLE NO: 1
DATE SAMPLED: 8/9/2022
TIME SAMPLED:
DATE RECEIVED: 8/10/2022
TIME RECEIVED: 12:20 PM
SAMPLED BY: LMH-J/ECT

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		8/12/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	2
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2S	SAMPLED BY:	LMH-J/ECT

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		8/11/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	3
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2D	SAMPLED BY:	LMH-J/ECT

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		8/12/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	4
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	LMH-J/ECT

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		8/12/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	5
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-4	SAMPLED BY:	LMH-J/ECT

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		8/11/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	6
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-5	SAMPLED BY:	LMH-J/ECT

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		8/11/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	7
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/10/2022
		TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-6	SAMPLED BY:	LMH-J/ECT

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		8/11/2022	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					
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

COMPANY:	JORDAN DEVELOPMENT CO. LLC	GTA PROJECT NO:	081022-2
PROJECT NO:	160205-2800	GTA SAMPLE NO:	8
LOCATION:	STATE FREDERIC 1-6	DATE SAMPLED:	8/9/2022
		TIME SAMPLED:	
		DATE RECEIVED:	8/10/2022
	MI	TIME RECEIVED:	12:20 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-7	SAMPLED BY:	LMH-J/ECT

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		8/11/2022	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	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: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 1

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: OW-1

CHLORIDE EPA 300.0

Concentration

27

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

8/12/2022

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 2

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

8/12/2022

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 3

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2D

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	8/12/2022	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 4

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-3	79	10	mg/L (PPM)	KC/TR	8/12/2022	WATER
CHLORIDE EPA 300.0							

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 5

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	8/12/2022	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

PROJECT NO: 160205-2800

LOCATION: STATE FREDERIC 1-6

GTA PROJECT NO: 081022-2

GTA SAMPLE NO: 6

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

8/12/2022

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

GTA PROJECT NO: 081022-2

PROJECT NO: 160205-2800

GTA SAMPLE NO: 7

LOCATION: STATE FREDERIC 1-6

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-6

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

8/12/2022

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: JORDAN DEVELOPMENT CO. LLC

GTA PROJECT NO: 081022-2

PROJECT NO: 160205-2800

GTA SAMPLE NO: 8

LOCATION: STATE FREDERIC 1-6

DATE SAMPLED: 8/9/2022

TIME SAMPLED:

DATE RECEIVED: 8/10/2022

TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-7		ND	10	mg/L (PPM)	KC/TR	8/12/2022	WATER
CHLORIDE EPA 300.0							

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 160205-2800	SITE NAME/ADDRESS STATE FREDERIC 1-6	COMPANY/NAME Jordan
SAMPLED BY LMHJ	COMPANY ECI	GTA PROJECT # 081022-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	OW-1	8-9-22		WTR	BTEX+4 CL
2	MW-2S	↓			
3	MW-2D				
4	MW-3				
5	MW-4				
6	MW-5				
7	MW-6				
8	MW-7	↓		↓	↓

BILL TO: JORDAN	TempRec: ☐ 3.00C	On Ice? ☒ ☐	REPORT TO: Lisa
RELEASED BY Lisa H. Jones	DATE/TIME 8-10-2022 12:20p	RECEIVED BY K. Ar	DATE/TIME 8/10/22 12:20p
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			