

**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:

Site Addr: SEMI ANNUAL

GTA ProjNo: 092619-5

Sampled By: NJ/ECT

Date Rec: 9/26/2019

Time Rec: 3:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HAYES 10-19 OW-1	9/23/2019		WATER
2	COLFAX 29 OW-1	9/23/2019		WATER
3	SPRINGDALE 15 OW-1	9/23/2019		WATER
4	SPRINGDALE 16 MW-4	9/23/2019		WATER
5	SPRINGDALE 16 MW-5	9/23/2019		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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**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	GTA PROJECT NO:	092619-5
PROJECT NO:		GTA SAMPLE NO:	1
LOCATION:	SEMI ANNUAL	DATE SAMPLED:	9/23/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/26/2019
		TIME RECEIVED:	3:00 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	HAYES 10-19 OW-1	SAMPLED BY:	NJ/ECT

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		9/30/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: JORDAN DEVELOPMENT CO. LLC
PROJECT NO:
LOCATION: SEMI ANNUAL
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 092619-5
GTA SAMPLE NO: 1
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM

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: HAYES 10-19 OW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER
	CONDUCTIVITY SM2510-B	440	1.0	uS/cm@25C	LV	10/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

**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
PROJECT NO:
LOCATION: SEMI ANNUAL
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 092619-5
GTA SAMPLE NO: 2
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM

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: COLFAX 29 OW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER
	CONDUCTIVITY SM2510-B	160	1.0	uS/cm@25C	LV	10/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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	GTA PROJECT NO:	092619-5
PROJECT NO:		GTA SAMPLE NO:	3
LOCATION:	SEMI ANNUAL	DATE SAMPLED:	9/23/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/26/2019
		TIME RECEIVED:	3:00 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	SPRINGDALE 15 OW-1	SAMPLED BY:	NJ/ECT

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		9/30/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: JORDAN DEVELOPMENT CO. LLC
PROJECT NO:
LOCATION: SEMI ANNUAL
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 092619-5
GTA SAMPLE NO: 3
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM

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: SPRINGDALE 15 OW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER
	CONDUCTIVITY SM2510-B	190	1.0	uS/cm@25C	LV	10/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

**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
PROJECT NO:
LOCATION: SEMI ANNUAL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: SPRINGDALE 16 MW-4

GTA PROJECT NO: 092619-5
GTA SAMPLE NO: 4
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM
SAMPLED BY: NJ/ECT

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		9/30/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: JORDAN DEVELOPMENT CO. LLC
PROJECT NO: GTA PROJECT NO: 092619-5
LOCATION: SEMI ANNUAL
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM
MI
SAMPLE MATRIX: WATER
SAMPLE ID: SPRINGDALE 16 MW-5
SAMPLED BY: NJ/ECT

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		9/30/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: JORDAN DEVELOPMENT CO. LLC
PROJECT NO:
LOCATION: SEMI ANNUAL
MI
SAMPLED BY: NJ/ECT

GTA PROJECT NO: 092619-5
GTA SAMPLE NO: 4
DATE SAMPLED: 9/23/2019
TIME SAMPLED:
DATE RECEIVED: 9/26/2019
TIME RECEIVED: 3:00 PM

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: SPRINGDALE 16 MW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER
	CONDUCTIVITY SM2510-B	89	1.0	uS/cm@25C	LV	10/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

**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

GTA PROJECT NO: 092619-5

GTA SAMPLE NO: 5

PROJECT NO:

LOCATION: SEMI ANNUAL

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/26/2019

TIME RECEIVED: 3:00 PM

SAMPLED BY: MI
NJ/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: SPRINGDALE 16 MW-5							
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER
	CONDUCTIVITY SM2510-B	160	1.0	uS/cm@25C	LV	10/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	JORDAN DEV. SEMI ANNULA	JORDAN DEV.
SAMPLED BY	COMPANY	GTA PROJECT #
NJ	ECT	092619-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	Hayes 10-19	010-1 9-23-19		WTR	BTEX, CL, COND
2	Colfax 29	010-1			CL, COND
3	Springdale 15	010-1			BTEX, CL, COND
4	Springdale 16	MW-4			
5	Springdale 16	MW-5			

BILL TO:		REPORT TO:	
JORDAN		Lisa	
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Norman	9-26-19	Ang	9/26/19 3:00
			REC'D
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			