

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: VILLAGE OF KALKASKA
Name:
ClientProj: QUARTERLY MONITOR WELLS
GTA ProjNo: 111020-4

Site Addr: 1005 ISLAND LAKE RD
KALKASKA
Sampled By: BRENDON WOLF/VOK
Date Rec: 11/10/2020
Time Rec: 12:18 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	11/9/2020	9:56 AM	WATER
2	MW-2D	11/9/2020	11:18 AM	WATER
3	MW-2S	11/9/2020	11:00 AM	WATER
4	MW-3	11/9/2020	10:18 AM	WATER
5	MW-4	11/9/2020	9:08 AM	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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830 Robinwood Court
Traverse City, MI 49686
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COMPANY: VILLAGE OF KALKASKA
PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/VOK
SAMPLE ID: MW-1

GTA PROJECT NO: 111020-4
GTA SAMPLE NO: 1
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 12:18 PM
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 9:56 AM
SAMPLE MATRIX: WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
AMMONIA-N EPA 350.1	<0.015	0.015	mg/L (PPM)	KC	11/11/2020
CHLORIDE EPA 300.0	<10	10	mg/L (PPM)	LV	11/10/2020
CONDUCTIVITY SM2510-B	290	1.0	uS/cm@25C	LV	11/10/2020
NITRATE-N EPA 300.0	0.10	0.10	mg/L (PPM)	LV	11/10/2020
NITRITE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
SODIUM EPA 200.8	16	1.0	mg/L (PPM)	MR	11/17/2020
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	LV	11/24/2020

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED



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COMPANY:	VILLAGE OF KALKASKA	GTA PROJECT NO:	111020-4
PROJECT NO:	QUARTERLY MONITOR WELLS	GTA SAMPLE NO:	2
LOCATION:	1005 ISLAND LAKE RD	DATE RECEIVED:	11/10/2020
	KALKASKA	TIME RECEIVED:	12:18 PM
	MI	DATE SAMPLED:	11/9/2020
		TIME SAMPLED:	11:18 AM
SAMPLED BY:	BRENDON WOLF/VOK	SAMPLE MATRIX:	WATER
SAMPLE ID:	MW-2D		

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
AMMONIA-N EPA 350.1	<0.015	0.015	mg/L (PPM)	KC	11/11/2020
CHLORIDE EPA 300.0	55	10	mg/L (PPM)	LV	11/10/2020
CONDUCTIVITY SM2510-B	560	1.0	uS/cm@25C	LV	11/10/2020
NITRATE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
NITRITE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
SODIUM EPA 200.8	130	1.0	mg/L (PPM)	MR	11/17/2020
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	LV	11/24/2020

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COMPANY: VILLAGE OF KALKASKA
PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/VOK
SAMPLE ID: MW-2S

GTA PROJECT NO: 111020-4
GTA SAMPLE NO: 3
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 12:18 PM
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 11:00 AM
SAMPLE MATRIX: WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
AMMONIA-N EPA 350.1	<0.015	0.015	mg/L (PPM)	KC	11/11/2020
CHLORIDE EPA 300.0	70	10	mg/L (PPM)	LV	11/10/2020
CONDUCTIVITY SM2510-B	610	1.0	uS/cm@25C	LV	11/10/2020
NITRATE-N EPA 300.0	1.4	0.10	mg/L (PPM)	LV	11/10/2020
NITRITE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
SODIUM EPA 200.8	220	1.0	mg/L (PPM)	MR	11/17/2020
TOTAL PHOSPHORUS EPA 365.2	0.33	0.010	mg/L (PPM)	LV	11/24/2020

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COMPANY: VILLAGE OF KALKASKA
PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/VOK
SAMPLE ID: MW-3

GTA PROJECT NO: 111020-4
GTA SAMPLE NO: 4
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 12:18 PM
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 10:18 AM
SAMPLE MATRIX: WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
AMMONIA-N EPA 350.1	0.11	0.015	mg/L (PPM)	KC	11/11/2020
CHLORIDE EPA 300.0	<10	10	mg/L (PPM)	LV	11/10/2020
CONDUCTIVITY SM2510-B	320	1.0	uS/cm@25C	LV	11/10/2020
NITRATE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
NITRITE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
SODIUM EPA 200.8	29	1.0	mg/L (PPM)	MR	11/17/2020
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	LV	11/24/2020

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LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/VOK
SAMPLE ID: MW-4

GTA PROJECT NO: 111020-4
GTA SAMPLE NO: 5
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 12:18 PM
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 9:08 AM
SAMPLE MATRIX: WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
AMMONIA-N EPA 350.1	<0.015	0.015	mg/L (PPM)	KC	11/11/2020
CHLORIDE EPA 300.0	<10	10	mg/L (PPM)	LV	11/10/2020
CONDUCTIVITY SM2510-B	290	1.0	uS/cm@25C	LV	11/10/2020
NITRATE-N EPA 300.0	0.57	0.10	mg/L (PPM)	LV	11/10/2020
NITRITE-N EPA 300.0	<0.10	0.10	mg/L (PPM)	LV	11/10/2020
SODIUM EPA 200.8	17	1.0	mg/L (PPM)	MR	11/17/2020
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	LV	11/24/2020

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Chain of Custody Record

[illegible]