

**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: 051023-4

Site Addr: 1005 ISLAND LAKE RD
KALKASKA
Sampled By: BRENDON WOLF/IAI
Date Rec: 5/10/2023
Time Rec: 11:33 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/9/2023	8:38 AM	WATER
2	MW-2D	5/9/2023	10:51 AM	WATER
3	MW-2S	5/9/2023	10:37 AM	WATER
4	MW-3	5/9/2023	9:48 AM	WATER
5	MW-4	5/9/2023	9:14 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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COMPANY: VILLAGE OF KALKASKA
PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/IAI
SAMPLE ID: MW-1

GTA PROJECT NO: 051023-4
GTA SAMPLE NO: 1
DATE RECEIVED: 5/10/2023
TIME RECEIVED: 11:33 AM
DATE SAMPLED: 5/9/2023
TIME SAMPLED: 8:38 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	5/22/2023
CHLORIDE EPA 300.0	12	10	mg/L (PPM)	KC/TR	5/11/2023
CONDUCTIVITY SM2510-B	360	1.0	uS/cm@25C	TR	5/11/2023
NITRATE-N EPA 300.0	0.39	0.20	mg/L (PPM)	KC/TR	5/11/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
SODIUM EPA 200.8	<10	10	mg/L (PPM)	MR	5/18/2023
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	TR	5/16/2023

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

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PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 1005 ISLAND LAKE RD
KALKASKA
MI
SAMPLED BY: BRENDON WOLF/IAI
SAMPLE ID: MW-2D

GTA PROJECT NO: 051023-4
GTA SAMPLE NO: 2
DATE RECEIVED: 5/10/2023
TIME RECEIVED: 11:33 AM
DATE SAMPLED: 5/9/2023
TIME SAMPLED: 10:51 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	5/22/2023
CHLORIDE EPA 300.0	280	10	mg/L (PPM)	KC/TR	5/11/2023
CONDUCTIVITY SM2510-B	1,400	1.0	uS/cm@25C	TR	5/11/2023
NITRATE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
SODIUM EPA 200.8	170	10	mg/L (PPM)	MR	5/18/2023
TOTAL PHOSPHORUS EPA 365.2	0.041	0.010	mg/L (PPM)	TR	5/16/2023

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

GTA PROJECT NO: 051023-4
GTA SAMPLE NO: 3
DATE RECEIVED: 5/10/2023
TIME RECEIVED: 11:33 AM
DATE SAMPLED: 5/9/2023
TIME SAMPLED: 10:37 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	5/22/2023
CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC/TR	5/11/2023
CONDUCTIVITY SM2510-B	1,300	1.0	uS/cm@25C	TR	5/11/2023
NITRATE-N EPA 300.0	4.4	0.20	mg/L (PPM)	KC/TR	5/11/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
SODIUM EPA 200.8	140	10	mg/L (PPM)	MR	5/18/2023
TOTAL PHOSPHORUS EPA 365.2	0.26	0.010	mg/L (PPM)	TR	5/16/2023

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

GTA PROJECT NO: 051023-4
GTA SAMPLE NO: 4
DATE RECEIVED: 5/10/2023
TIME RECEIVED: 11:33 AM
DATE SAMPLED: 5/9/2023
TIME SAMPLED: 9:48 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	0.17	0.015	mg/L (PPM)	KC	5/22/2023
CHLORIDE EPA 300.0	15	10	mg/L (PPM)	KC/TR	5/11/2023
CONDUCTIVITY SM2510-B	350	1.0	uS/cm@25C	TR	5/11/2023
NITRATE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
SODIUM EPA 200.8	<10	10	mg/L (PPM)	MR	5/18/2023
TOTAL PHOSPHORUS EPA 365.2	<0.010	0.010	mg/L (PPM)	TR	5/16/2023

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MI
SAMPLED BY: BRENDON WOLF/IAI
SAMPLE ID: MW-4

GTA PROJECT NO: 051023-4
GTA SAMPLE NO: 5
DATE RECEIVED: 5/10/2023
TIME RECEIVED: 11:33 AM
DATE SAMPLED: 5/9/2023
TIME SAMPLED: 9:14 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	5/22/2023
CHLORIDE EPA 300.0	<10	10	mg/L (PPM)	KC/TR	5/11/2023
CONDUCTIVITY SM2510-B	320	1.0	uS/cm@25C	TR	5/11/2023
NITRATE-N EPA 300.0	1.5	0.20	mg/L (PPM)	KC/TR	5/11/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	5/11/2023
SODIUM EPA 200.8	<10	10	mg/L (PPM)	MR	5/18/2023
TOTAL PHOSPHORUS EPA 365.2	0.29	0.010	mg/L (PPM)	TR	5/16/2023

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Chain of Custody Record

[illegible]