

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: FIFE LAKE AREA UTILITY AUTHORITY

Name:

ClientProj: QUARTERLY MONITOR WELLS

GTA ProjNo: 021523-8

Site Addr: 10701 VAN'S LANE

Sampled By: FIFE LAKE

FLAUA

Date Rec: 2/15/2023

Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-13	2/15/2023	3:11 PM	WATER
2	MW-14	2/15/2023	2:59 AM	WATER
3	MW-5	2/15/2023	2:49 PM	WATER
4	MW-7	2/15/2023	2:37 PM	WATER
5	MW-15	2/15/2023	2:30 PM	WATER
6	MW-12	2/15/2023	2:03 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 Chase

Kirk L. Chase/Chemist
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COMPANY: FIFE LAKE AREA UTILITY AUTHORITY
PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-13

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 1
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 3:11 PM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	23	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	460	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	4.5	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	6.2	1.0	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	4.5	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/23/2023

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: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-14

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 2
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 2:59 AM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	29	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	630	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	1.3	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	8.2	1.0	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	1.3	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	0.022	0.010	mg/L (PPM)	TR	2/23/2023

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PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-5

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 3
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 2:49 PM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	100	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	160	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	1.6	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	49	10	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	1.6	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	0.025	0.010	mg/L (PPM)	TR	2/23/2023

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PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-7

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 4
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 2:37 PM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	57	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	470	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	0.77	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	39	10	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	0.77	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/23/2023

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PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-15

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 5
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 2:30 PM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	33	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	220	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	5.0	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	8.8	1.0	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	5.0	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/23/2023

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PROJECT NO: QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: FLAUA
SAMPLE ID: MW-12

GTA PROJECT NO: 021523-8
GTA SAMPLE NO: 6
DATE RECEIVED: 2/15/2023
TIME RECEIVED: 3:50 PM
DATE SAMPLED: 2/15/2023
TIME SAMPLED: 2:03 PM
SAMPLE MATRIX: WATER

SAMPLE RESULTS

<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	2/23/2023
CHLORIDE EPA 300.0	45	10	mg/L (PPM)	KC	2/17/2023
CONDUCTIVITY SM2510-B	930	1.0	uS/cm@25C	TR	2/16/2023
NITRATE-N EPA 300.0	4.3	0.20	mg/L (PPM)	KC	2/17/2023
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC	2/17/2023
SODIUM EPA 200.8	12	1.0	mg/L (PPM)	MR	2/21/2023
TOTAL INORGANIC NITROGEN	4.3	0.42	mg/L (PPM)	KC	2/23/2023
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/23/2023

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CHAIN OF CUSTODY

PROJECT NUMBER <i>Quarterly MW</i>	SITE NAME/ADDRESS <i>FLAUA 10701 VANS LANE FL MI 49633 FLAUA</i>	COMPANY/NAME <i>FLAUA</i>
SAMPLED BY <i>x</i>	COMPANY <i>FLAUA</i>	GTA PROJECT # <i>021523-8</i> <i>Quarterly MW 2/23</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
2	MW 13	<i>x 2-15</i>	<i>x 3:11</i>	<i>W/W</i>	<i>Quarterly MW</i>
2	MW 14	<i>x 2-15</i>	<i>x 2:59</i>		
2	MW 5	<i>x 2-15</i>	<i>x 2:49</i>		
2	MW 7	<i>x 2-15</i>	<i>x 2:37</i>		
2	MW 15	<i>x 2-15</i>	<i>x 2:20</i>		
2	MW 12	<i>x 2-15</i>	<i>x 2:03</i>		

BILL TO: <i>FLAUA c/o</i> <i>H+R Block Kingsley</i>	TempRec: ☐ <i>20°C</i>	On Ice? ☒ Y ☐ N	REPORT TO: <i>FLAUA @ A.H. net</i> <i>RRVARY @ provide.net</i>
RELEASED BY <i>x</i>	DATE/TIME <i>x 2-15 / 3:50</i>	RECEIVED BY 	DATE/TIME <i>2/15/23 3:50</i>
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			