

**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: 1ST QUARTERLY MONITOR WELLS
GTA ProjNo: 020624-2

Site Addr: 10701 VAN'S LANE

Sampled By: FIFE LAKE
RAY RAVARY/FLAUA

Date Rec: 2/6/2024

Time Rec: 11:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-5	2/6/2024	9:34 AM	WATER
2	MW-7	2/6/2024	9:47 AM	WATER
3	MW-12	2/6/2024	10:27 AM	WATER
4	MW-13	2/6/2024	9:00 AM	WATER
5	MW-14	2/6/2024	9:18 AM	WATER
6	MW-15	2/6/2024	10:05 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
Grand Traverse Analytical
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COMPANY: FIFE LAKE AREA UTILITY AUTHORITY
PROJECT NO: 1ST QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: RAY RAVARY/FLAUA
SAMPLE ID: MW-5

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 1
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 9:34 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/TR	2/12/2024
CHLORIDE EPA 300.0	92	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	680	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	3.2	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	58	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	3.2	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/12/2024

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: 1ST QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: RAY RAVARY/FLAUA
SAMPLE ID: MW-7

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 2
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 9:47 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/TR	2/12/2024
CHLORIDE EPA 300.0	53	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	420	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	1.1	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	23	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	1.1	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/12/2024

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LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: RAY RAVARY/FLAUA
SAMPLE ID: MW-12

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 3
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 10:27 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/TR	2/12/2024
CHLORIDE EPA 300.0	32	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	510	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	5.3	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	24	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	5.3	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/12/2024

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PROJECT NO: 1ST QUARTERLY MONITOR WELLS
LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: RAY RAVARY/FLAUA
SAMPLE ID: MW-13

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 4
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 9:00 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/TR	2/12/2024
CHLORIDE EPA 300.0	16	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	580	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	6.6	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	6.7	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	6.6	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	0.043	0.010	mg/L (PPM)	TR	2/12/2024

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

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 5
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 9:18 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/TR	2/12/2024
CHLORIDE EPA 300.0	27	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	550	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	2.1	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	22	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	2.1	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	0.068	0.010	mg/L (PPM)	TR	2/12/2024

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LOCATION: 10701 VAN'S LANE
FIFE LAKE
MI
SAMPLED BY: RAY RAVARY/FLAUA
SAMPLE ID: MW-15

GTA PROJECT NO: 020624-2
GTA SAMPLE NO: 6
DATE RECEIVED: 2/6/2024
TIME RECEIVED: 11:15 AM
DATE SAMPLED: 2/6/2024
TIME SAMPLED: 10:05 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/TR	2/12/2024
CHLORIDE EPA 300.0	43	10	mg/L (PPM)	KC/TR	2/7/2024
CONDUCTIVITY SM2510-B	510	1.0	uS/cm@25C	TR	2/7/2024
NITRATE-N EPA 300.0	6.5	0.20	mg/L (PPM)	KC/TR	2/7/2024
NITRITE-N EPA 300.0	<0.20	0.20	mg/L (PPM)	KC/TR	2/7/2024
SODIUM EPA 200.8	19	5.0	mg/L (PPM)	MR	2/12/2024
TOTAL INORGANIC NITROGEN	6.5	0.42	mg/L (PPM)	KC/TR	2/12/2024
TOTAL PHOSPHORUS EPA 365.3	<0.010	0.010	mg/L (PPM)	TR	2/12/2024

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CHAIN OF CUSTODY

PROJECT NUMBER 1st Quarter MW	SITE NAME/ADDRESS 10701 Vans Lane, Fife Lake, MI, 49633 FLAUA	COMPANY/NAME FLAUA
SAMPLED BY Ray RAVARY JR	COMPANY FLAUA	GTA PROJECT # 020624-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
2	MW 5	2/6/24	9:39	w/w	Quarterly MW sampling
2	MW 7		9:47		
2	MW 12		10:29		
2	MW 13		9:00		
2	MW 14		9:18		
2	MW 15		10:05		

BILL TO: FLAUA 40 H+R Block Kingsley	TempRec: ☐ On Ice? ☒ O.I.C	REPORT TO: RAVARY @ provide.net FLAUA @ att.net
RELEASED BY RAY RAVARY	DATE/TIME 2/6/24 11:15	RECEIVED BY Trevor Ruel
		DATE/TIME 2-6-24 11:15am
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		