

# VBRA Baker Lake Ecology Worksheet 2025

Monitoring bacteria levels for Total Coliform, Fecal Coliform, especially E. Coli  
\*\*NOTE - E. Coli results above 200 MPN/100mL require lake closure

## \*\* Pre-fill Lake Status and Water Source

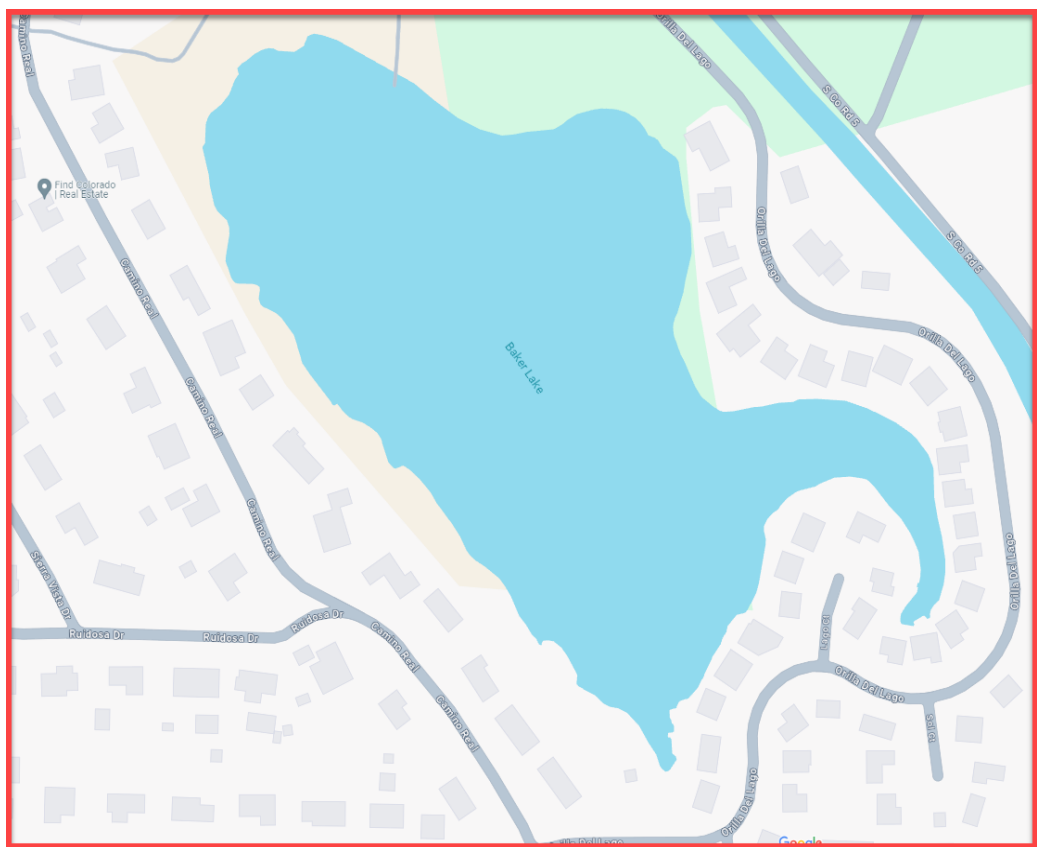
Water Sample Areas:	Type of Test		
	Sample Date	Fecal Coliform Only (MPN 100 mL)	E. Coli (MPN/100 mL)
Baker Park Dock **	5/21/2025	0	0
Cove			
Mid Lake-Feeder Buoy			
Swim Beach			
NE Dock near Trails **	5/21/2025	0	0
Canal Gate **	5/28/2025	90	70

Lab - CSU Environmental Quality

Sample Date	Type of Test	
	Total Coliform Only (MPN 100 mL)	E. Coli (MPN/100 mL)
6/19/2025	141	33
6/19/2025	131	18
6/19/2025	114	13
6/19/2025	658	40

\*Note - Total Coliform instead of Fecal Coliform

Lab - eAnalytics Loveland (CSU closed)































<b>Date</b>
8/9/2025

<b>Muck Depth (Inches)</b>	<b>Secchi Disc Depth (Inches)</b>
4-8"	22"
6-8"	21"
11"	28"
2"	31"

Sample Date	Fecal Coliform Only (MPN 100 mL)	E. Coli (MPN/100 mL)	Muck Depth (Inches)	Secchi Disc Depth (Inches)
7/20/2025	80	80	6-8"	20"
7/20/2025	30	30	6-12"	19"
7/20/2025	30	30	4"	20"
7/20/2025	10	10	4"	19"

9/8/2025
9/8/2025
9/8/2025





























Sampling & Clarity Measuring to monitor quality at end of season and late water run

Secchi Disc Depth
18"

Type of Test		9/19/2025	9/19/2025
Fecal Coliform Only (MPN 100 mL)	E. Coli (MPN/100 mL)	Muck Depth (Inches)	Secchi Disc Depth (Inches)
40	28	2"-6"	18"-20"
		1"-6"	19"-23"
15	20	4"	18.5"
10	7	1"-2"	21"
		1"	22"

Type of Test			
Sample Date	Fecal Coliform Only (MPN 100 mL)	E. Coli (MPN/100 mL)	Muck Depth (Inches)
10/31/2025	35	4.1	
10/31/2025	16	3.1	





























10/25/2025
Secchi Disc Depth (Inches)
20"



























