

CFB DATA SHEET (2023)

DLS #: _____

LAKE: _____

SITE: _____

WHO: _____

Time: Start _____ Finish _____

DATE: _____ Zmax: _____ meters

Zsd: _____ meters AirTemp _____ °C

Field Data

View Scope Comparison Study

SHADY no scope	SHADY with scope	SUNNY no scope	SUNNY with scope	BLACK DISK SUNNY with scope
Viewer #1: _____				
1) _____ m	1) _____ m	1) _____ m	1) _____ m	1) _____ m
2) _____ m	2) _____ m	2) _____ m	2) _____ m	2) _____ m
3) _____ m	3) _____ m	3) _____ m	3) _____ m	3) _____ m
Viewer #2: _____				
1) _____ m	1) _____ m	1) _____ m	1) _____ m	1) _____ m
2) _____ m	2) _____ m	2) _____ m	2) _____ m	2) _____ m
3) _____ m	3) _____ m	3) _____ m	3) _____ m	3) _____ m
Viewer #3: _____				
1) _____ m	1) _____ m	1) _____ m	1) _____ m	1) _____ m
2) _____ m	2) _____ m	2) _____ m	2) _____ m	2) _____ m
3) _____ m	3) _____ m	3) _____ m	3) _____ m	3) _____ m

WEATHER (best descriptor)

Sky: Clear Hazy Cloudy Overcast

Lake: Calm Ripples Waves Choppy

Wind: Calm Breezy Gusty Windy

Rainfall: _____

Sample Checklist:

Bottle	Sampling Depth				
	Integrated: 0 - _____ m	Surface 0.5 m	1/2 Epi.: _____ m	1/2 Meta: _____ m	Bottom: _____ m
2 L Amber	_____	_____	_____	_____	_____
500 mL Amber (CO2)	_____	_____	_____	_____	_____
250 mL (TP)	_____	_____	_____	_____	_____
1 L Amber	_____	_____	_____	_____	_____
300 mL Glass (BOD)	_____	_____	_____	_____	_____

Depth (meters)	Temp (°C)	Diss O ₂ (mg/L)	Diss O ₂ (% sat)	SPCD (µS/cm)	Light (rel %)
0.1					
0.5					
1.0					
1.5					
2.0					
2.5					
3.0					
3.5					
4.0					
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
12.5					
13.0					
13.5					
14.0					
14.5					
15.0					
15.5					
16.0					
16.5					
17.0					
17.5					
18.0					

Depth (meters)	Temp (°C)	Diss O ₂ (mg/L)	Diss O ₂ (% sat)	SPCD (µS/cm)	Light (rel %)
18.5					
19.0					
19.5					
20.0					
20.5					
21.0					
21.5					
22.0					
22.5					
23.0					
23.5					
24.0					
24.5					
25.0					
25.5					
26.0					
26.5					
27.0					
27.5					
28.0					
28.5					
29.0					
29.5					
30.0					
30.5					
31.0					
31.5					
32.0					
32.5					
33.0					
33.5					
34.0					
34.5					
35.0					
35.5					
36.0					
36.5					

Lab Data

Depth (meters)	pH rep 1 / rep 2	SPCD (uS/cm) rep 1 / rep 2	CO ₂ (mg/L) rep 1 / rep 2	Alk (mg/L) rep 1 / rep 2	TP (ppb)
Int. 0-_____	/	/	/	/	
Surf. 0.5	/	/	/	/	
1/2 epi_____	/	/	/	/	
1/2 meta_____	/	/	/	/	
Bot-1m_____	/	/	/	/	
Depth_____					
Cyano: 0-3.0	/	/	/	/	
	Chl a (ppb)	Diss. O ₂ (mg/L)	Color (ptu)	Turb (NTU) rep 1 / rep 2	Chloride (mg/l) rep 1 / rep 2
Int. 0-_____				/	/
Surf. 0.5				/	/
1/2 epi_____				/	/
1/2 meta_____				/	/
Bot-1m_____				/	/
Depth_____					
Cyano: 0-3.0				/	/

Depth Int: 0-_____ m	Depth: 0.5 m	Depth: mid-epi_____ m	Depth: mid-meta_____ m	Depth: _____ m
chl a663: _____/_____	chl a663: _____/_____	chl a663: _____/_____	chl a663: _____/_____	chl a663: _____/_____
chl a664: _____/_____	chl a664: _____/_____	chl a664: _____/_____	chl a664: _____/_____	chl a664: _____/_____
chl a665: _____/_____	chl a665: _____/_____	chl a665: _____/_____	chl a665: _____/_____	chl a665: _____/_____
chl a750: _____/_____	chl a750: _____/_____	chl a750: _____/_____	chl a750: _____/_____	chl a750: _____/_____
chl volume: _____ml	chl volume: _____ml	chl volume: _____ml	chl volume: _____ml	chl volume: _____ml
color a440: _____	color a440: _____	color a440: _____	color a440: _____	color a440: _____
color a460: _____	color a460: _____	color a460: _____	color a460: _____	color a460: _____
color a493: _____	color a493: _____	color a493: _____	color a493: _____	color a493: _____
color a750: _____	color a750: _____	color a750: _____	color a750: _____	color a750: _____
color a880: _____	color a880: _____	color a880: _____	color a880: _____	color a880: _____

	Depth (meters)	pH	SPCD (uS/cm)	CO ₂ (mg/L)	Alk (mg/L)	TP (ppb)	Chl a (ppb)	Diss. O ₂ (mg/L)	Color (ptu)	Turb (NTU)
Duplicate Sample	_____m									
Replicate Sample	_____m									

Duplicate	chl a663		chl a664		chl a665		chl a750		volume (ml)
Depth: 0 - _____ meters	/		/		/		/		
Depth: _____ meters	/		/		/		/		
Duplicate	color a440	color a460	color a493	color a750	color a880	color (CPU)		volume (ml)	
Depth: 0 - _____ meters									
Depth: _____ meters									

FluoroQuik Results								
Depth	_____ m	_____ m	_____ m	_____ m	_____ m	_____ m	_____ m	_____ m
PC/Chl Dual Channel (ug/l)	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____
	Chl a: _____	Chl a: _____	Chl a: _____	Chl a: _____	Chl a: _____	Chl a: _____	Chl a: _____	Chl a: _____
PC/PE Dual Channel (ug/l)	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____	PC: _____
	PE: _____	PE: _____	PE: _____	PE: _____	PE: _____	PE: _____	PE: _____	PE: _____

Comments: