

LAKES LAY MONITORING PROGRAM

LAY MONITOR DATA SHEET (2010)

SID _____
ID _____

MONITOR #1 NAME: _____
 MONITOR #2 NAME: _____
 MONITOR #3 NAME: _____
 LAKE NAME: _____
 SITE NAME: _____

AIR TEMP: _____ °C
 DATE: _____
 SAMPLING TIME: Start _____ Finish _____
 SITE DEPTH: _____
 SECCHI DISK TRANSPARENCY _____ meters

Weather (circle the best descriptor)

<u>Sky</u>	Clear	Hazy	Cloudy	Overcast
<u>Lake</u>	Calm	Ripples	Waves	White Caps
<u>Wind</u>	Calm	Breezy	Gusty	Windy

Precipitation (Circle the best descriptor below)

None	Past 12 hrs	Past 24 hrs	Past 48 hrs	Past 72 hrs
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Temperature Profile

SID (FBG use)	Depth (m)	Temp (°C)	SID (FBG use)	Depth (m)	Temp (°C)
	0.1 (Surface)			8.0	
	0.5			8.5	
	1.0			9.0	
	1.5			9.5	
	2.0			10.0	
	2.5			10.5	
	3.0			11.0	
	3.5			11.5	
	4.0			12.0	
	4.5			12.5	
	5.0			13.0	
	5.5			13.5	
	6.0			14.0	
	6.5			14.5	
	7.0			15.0	
	7.5			Bottom	

Note: Check surface and bottom temperatures first. Check intermediate depths only if temperature change is found. Indicate the bottom depth.

Monitor Signature: _____

Supply Request: _____

Comments/Observations: (continued on the reverse side)

Laboratory Processing

Time: Start _____ Finish _____
 Date: _____

* Denotes
For CFB
Use

¹Integrated chlorophyll samples: Chlorophyll Filter
 Lakewater volume filtered: _____ ml
 Filter drying time: _____ hrs
 Depth sampled: Surface - _____ meters

²Point chlorophyll samples: Chlorophyll Filter (if taken)
 Lakewater volume filtered: _____ ml
 Filter drying time: _____ hrs
 Depth sampled: Surface - _____ meters

¹Integrated color sample: 60 ml bottle of filtered water
 _____ YES _____ NO

²Point color sample: 60 ml bottle of filtered water (if taken)
 _____ YES _____ NO

Specific Conductivity sample: 60 ml bottle
 (if taken) Depth of sample: _____ meters

Alkalinity Sample Results:
 Depth sampled: 0- _____ meters
 Gray endpoint: _____ ml
 Pink endpoint: _____ ml
 (estimate to the nearest 0.1ml)

pH Sample (if taken) Depth sampled: _____
 pH Value _____

Optional Samples

¹Integrated Total Phosphorus: 250ml acid washed bottle
 _____ YES _____ NO

²Point Total Phosphorus: 250 ml Acid Washed bottle
 _____ YES _____ NO _____ Depth

¹Sample collected in the surface waters using the integrated sampler (weighted garden hose).

²Sample collected using the Meyer bottle. Samples are collected at the request of the CFB.