

LAKES LAY MONITORING PROGRAM

LAY MONITOR DATA SHEET (2011)

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)

Sky	Clear	Hazy	Cloudy	Overcast
Lake	Calm	Ripples	Waves	White Caps
Wind	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.

Laboratory Processing

Time: Start _____ Finish _____
 Date: _____

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

* Denotes For CFB Use

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.

Monitor Signature: _____

Supply Request: _____

Comments/Observations: (continued on the reverse side)