

Lake Field Datasheet (Tier 1) Utah Water Watch



Site Name: _____ Date Sampled: _____ Time Sampled: _____

Field Monitor Name(s): _____

UWW ID: _____ Hours Sampling/traveling: _____ Miles traveled: _____

UWW Site ID: _____ # of participants: _____ Decontamination: Yes No

FIELD OBSERVATIONS (Circle one for each, unless instructed otherwise):

Water Odor:	None	Chlorine	Oil	Musty	Sewage	Fishy	Rotten Egg
Water Surface:	Clear	Scummy	Foamy	Natural Debris	Trash	Sheen/Oily	
Water Clarity:	Clear	Cloudy/Murky	Turbid				
Water Condition:	Calm	Ripples	Small Waves	Moderate Waves	Whitecaps		
Water Color:	Clear	Brownish	Greenish	Reddish	Blue	Orange	
Dead Fish:	None	1 to 3	4 to 10	>10			
Current Weather:	Clear	Partly Cloudy	Cloudy/Overcast	Light Right	Heavy Rain	Snow	
Photo Point (Circle one for each photo taken):	Right Bank	Left Bank	Scope of the Lake				
	On Shore	Dock/Pier	Boat	Other: _____			

Provide short description of each photo:

Rainfall in last 24 hours (inches) _____

Comments: _____

FIELD SAMPLES:

Location (circle one):	On Shore	Dock/Pier	Boat			
Parameter	Reading (measurement)			Unit	Allowable Range in Utah	
Air Temperature				°C		
Water Temperature				°C	Max temp for warm water fish = 27 °C Max temp for cold water fish = 20 °C	
pH				None	6.5 to 9.0	
Secchi depth				Meter(s)	0.1 to 13 meters	

Continued on back

Utah Water Watch Tier 1 Lake Datasheet

ALGAL MONITORING (Circle one for each):

<u>Algae observed in lake?</u>	Yes	No
Types Observed	Floating Scum	Water column Filamentous
Harmful bloom suspected?	Yes	No
Bloomwatch / UWW contacted?	Yes	No

Comments (location of blooms and percent cover):

E. coli BACTERIA- (Coliscan Easygel Method): Monthly- May through Sept.

Incubation start time: _____ Total hours: _____ Incubation temp °C: _____

$$\text{Concentration} = \left(\frac{100}{\text{Sample size in mL}} \right) \times (\text{colonies counted}) = \frac{\text{cfu}}{100 \text{ mL}}$$

$$\text{Reading \#1} \quad \left(\frac{100}{\quad} \right) \times (\quad) = \frac{\text{cfu}}{100 \text{ mL}}$$

$$\text{Reading \#2} \quad \left(\frac{100}{\quad} \right) \times (\quad) = \frac{\text{cfu}}{100 \text{ mL}}$$

$$\text{Average Concentration} = \frac{(\text{Reading \#1} + \text{Reading \#2})}{2}$$

Average E. coli = _____ cfu / 100 ml

NOTE: If average is greater than 400 cfu / 100 ml, contact UWW.

COMMUNITY FISHING INFORMATION:

Number of people fishing: _____

Hours spent fishing: _____

Birds Observed while Fishing:

of Cormorants: _____

of Pelicans: _____

Fish caught

Number

Bluegill

Wiper (hybrid)

Carp

Rainbow Trout

Catfish

Bass

Other