Lake Sampling Field Data Sheet (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)*:

Water Odor
None
Chlorine Oil
Musky 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
Normal **Abnormal**
(also circle one below)
Clear Brownish
Greenish Reddish
Blue Orange

Dead Fish
None
1 to 3
4 to 10
> 10

Current Weather
Clear
Cloudy
Overcast
Light Rain
Heavy Rain
Snow

Recent Rainfall (inches) past 24hrs_____

Comments: _____

SAMPLING:

Location	Temperature ° C	pH	Secchi Depth (m)	Total Depth (m)
Inshore Dock/Pier Boat	Air: _____ Water: _____	_____	_____	_____

Note: Users of turbidity tubes, be sure to convert to meters from centimeters by dividing by 100 (e.g. 10cm = 0.10m)

COMMUNITY FISHING INFORMATION:

Species caught (#)
Bluegill____Wiper (hybrid) ____
Carp_____Rainbow Trout____
Catfish_____Bass _____
Other_____
_____

Cormorants Observed _____

Number of people fishing _____

Hours spent fishing _____

(Survey 3 fisherpeople in the immediate area)

Pelicans Observed
_____

Algal Monitoring:

Algae Observed in lake
Yes No

Types Observed
Filamentous
Water Column
Floating Scum

Harmful bloom suspected?
Yes No

bloomWatch / UWW contacted?
Yes No

Comments (include all areas surveyed):
_____
_____
_____

E. coli BACTERIA - (Coliscan Easygel Method): *(MONTHLY – May through Sept.)*

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

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

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

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

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

Average E. coli (cfu/100mL): _____

If average is greater than 400 cfu/100 mL, contact UWW