

# UWW Tier II Lake Data Sheet

**UtahStateUniversity**

WATER QUALITY EXTENSION

Certified Monitor Name(s) \_\_\_\_\_

UWW ID # \_\_\_\_\_

Site Name \_\_\_\_\_

UWW Site # \_\_\_\_\_

Sample Date \_\_\_\_\_

Sample Time \_\_\_\_:\_\_\_\_ (HH:MM military format)

## Field Observations:

- \_\_\_\_\_ **Water Condition**    1 – Calm    2 – Ripples    3 – Waves    4 – White caps  
 \_\_\_\_\_ **Water Surface**    1 – Clear    2 – Scummy    3 – Foamy    4 – Natural debris    5 – Trash    6 – Sheen/Oily  
 \_\_\_\_\_ **Water Clarity**    1 – Clear    2 – Cloudy/Milky    3 – Turbid  
 \_\_\_\_\_ **Water Color**    \_\_\_ Normal \_\_\_ Abnormal    1– Clear    2– Brownish    3– Greenish    4– Reddish    5– Blue    6– Orange  
 \_\_\_\_\_ **Water Odor**    1 – None    2 – Oil    3 – Sewage    4 – Rotten Egg    5 – Fishy    6 – Musky    7 - Chlorine  
 \_\_\_\_\_ **Algae Cover**    1- Little / Rare    2- Abundant in water column    3- Large filamentous    4- Thick substrate layer    5- Floating mats  
 \_\_\_\_\_ **Dead Fish**    1 – None    2 – 1 to 3    3 – 4 to 10    4 - >10  
 \_\_\_\_\_ **Present Weather**    1 – Clear    2 – Cloudy    3 – Overcast    4 – Light Rain    5 – Heavy Rain    6 – Snow  
 \_\_\_\_\_ **Past 24Hr Weather**    1 – Clear    2 – Cloudy    3 – Overcast    4 – Light Rain    5 – Heavy Rain    6 – Snow  
 \_\_\_\_\_ **Inches of rainfall** accumulation in past 72 Hrs

Comments: \_\_\_\_\_

## Sampling

**Location**    \_\_\_ Inshore    \_\_\_ Dock/ Pier    \_\_\_ Boat

<b>Meter Calibration Log:</b> Store and calibrate standard at room temperature.			
Calibrated within 24 hours of sampling?	Yes	No	Date
Parameter Type	Standard Value		Initial Meter Reading
Conductivity	1413		
pH	4.01		
pH	7.00		
pH	10.01		

\_\_\_\_\_ **Air Temp.** (°C)

\_\_\_\_\_ **Atmosphere** (mmHG)

**Turbidity** > = (circle one) \_\_\_\_\_ **Secchi Depth** (m)

**Total Depth** > = (circle one) \_\_\_\_\_ m

\_\_\_\_\_ **Depth** (m)    \_\_\_\_\_ **Water Temp.** (°C)    \_\_\_\_\_ **pH**  
 \_\_\_\_\_ **Conduct** (µS/cm)    \_\_\_\_\_ **TDS** (ppm)    \_\_\_\_\_ **Salt** (ppm)  
 \_\_\_\_\_ **1<sup>st</sup> D. O.** (mg/L)    \_\_\_\_\_ **2<sup>nd</sup> D. O.** (mg/L)

\_\_\_\_\_ **Depth** (m)    \_\_\_\_\_ **Water Temp.** (°C)    \_\_\_\_\_ **pH**  
 \_\_\_\_\_ **Conduct** (µS/cm)    \_\_\_\_\_ **TDS** (ppm)    \_\_\_\_\_ **Salt** (ppm)  
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## **E. coli** bacteria – Coliscan Easygel Method – Once a month May through Sept.

Reading #1: [100 mL divided by Sample size \_\_\_\_\_ mL] X \_\_\_\_\_ (colonies counted) = \_\_\_\_\_ cfu/100mL

Reading #2: [100 mL divided by Sample size \_\_\_\_\_ mL] X \_\_\_\_\_ (colonies counted) = \_\_\_\_\_ cfu/100mL

\_\_\_\_\_ **Average E. coli** cfu / 100mL    \_\_\_\_\_ **Incubation Start Time**    \_\_\_\_\_ **Total Hours**    \_\_\_\_\_ **Incubation Temp**

\_\_\_\_\_ **Hours sampling and traveling**    \_\_\_\_\_ **Miles traveled (roundtrip)**    \_\_\_\_\_ **# of participants**    \_\_\_\_\_ **Decontamination**