UWW Tier II Stream Data Sheet

UtahStateUniversity
WATER QUALITY EXTENSION

Certified Monitor Name(s) _____ UWW ID # _____

Site Name _____ UWW Site # _____

Sample Date _____ Sample Time _____:_____ (HH:MM 24 Hour)

Field Observations:

_____ **Flow** **1** – No flow **2** – Low **3** – Normal / Baseflow **4** – High / Runoff **5** – Flood

_____ **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**- Rare **2**- Moderate substrate layer **3**- Thick substrate layer **4**- Little filamentous **5**- Abundant filamentous

_____ **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** __Side __ Center **Habitat** __Riffle __ Run __ Pool

Meter Calibration Log: Store and calibrate standard at room temperature.
Calibrated within 24 hours of sampling? Yes No Date Time

Parameter Type	Standard Value	Initial Meter Reading	Post Calibration Reading
Conductivity	1413		
pH	4.01		
pH	7.00		
pH	10.01		

_____ **Air Temperature** (°C) _____ **Water Temperature** (°C) _____ **pH**

_____ **Conductivity** (µS/cm) _____ **TDS** (ppm) _____ **Salinity** (ppm)

Turbidity > / = (circle one) _____ **Turbidity Tube** (cm) **Total Depth** _____ (cm)

_____ 1st **Dis. Oxygen** (mg/L) _____ 2nd **Dis. Oxygen** (mg/L) _____ **Atmosphere** (mmHG)

***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

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_____ Hours sampling and traveling _____ Miles traveled (roundtrip) _____ # of participants ___ Decontamination

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