Stream 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):

- Flow
  - No Flow
  - Low
  - Normal/ Baseflow
  - High/ Runoff
  - Flood

- Water Surface
  - Clear
  - Scummy
  - Foamy
  - Natural Debris
  - Trash
  - Sheen/ Oily

- Water Clarity
  - Clear
  - Cloudy/ Milky
  - Turbid

- Water Color
  - Normal
  - Abnormal (also circle one below)
  - Clear
  - Brownish
  - Greenish
  - Reddish
  - Orange

- Water Odor
  - None
  - Chlorine
  - Sewage
  - Fishy
  - Musky
  - Oil
  - Rotten
  - Egg

- Algae Cover
  - Little/Rare
  - Moderate Substrate
  - Thick Substrate
  - Trace Filamentous
  - Abundant Filamentous

- Dead Fish
  - None
  - 1 to 3
  - 4 to 10
  - >10

- Current Weather
  - Clear
  - Cloudy
  - Overcast
  - Light Rain
  - Heavy Rain
  - Snow

- Rainfall in past 24 hours (in)

Comments:
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________

SAMPLING:

- Location
  - Side
  - Center

- Habitat
  - riffle
  - Run
  - Pool

- Temperature (°C)
  - Air: __________
  - Water: __________

- pH: ______

- Dissolved Oxygen (mg/L): ______

- Turbidity Tube (cm): ______

- Total Depth (cm): ______

- Turbidity Tube symbol (circle one) > / =

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

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

Concentration = \[ \frac{100 \text{ colonies counted}}{\text{Sample size in mL}} \]  \text{ cfu/100 mL}

Reading #1 \[ \left( \frac{100}{\text{Sample size in mL}} \right) \times ( ) = \text{ cfu/100 mL} \]

Reading #2 \[ \left( \frac{100}{\text{Sample size in mL}} \right) \times ( ) = \text{ cfu/100 mL} \]

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

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

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

**Sample size in mL** you record will be 1, 2, 3, 4 or 5 (# of droppers you add)

**Be sure you record only the dark blue and purple colonies that you count.**

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