FIELD DATA: FILL IN THE BLANKS

AIR TEMPERATURE:

_________ °C

WATER TEMPERATURE:

_________ °C

DISSOLVED OXYGEN:

O₂

_________ mg/L

O₂

_________ %

pH:

_________ SU

SPECIFIC CONDUCTIVITY:

_________ uS/cm

TOTAL DISSOLVED SOLIDS:

_________ mg/L

TURBIDITY

_________ NTU

SAMPLE COLLECTION INFO: CIRCLE ALL APPLICABLE INFORMATION IN EACH SECTION

GRAB

POLE

LEW

3/4

1/2

1/4

REW

Looking downstream

RIFFLE

RUN

POOL

E. COLI:

CIRCLE AND FILL IN APPLICABLE INFORMATION

DILUTION:

NONE  1:10  1:100

MEDIA:

COLILERT 18  COLILERT 24

COLLECTED  INCUBATED  COUNTED  LRG. WELL  SM. WELL  MPN

REGULAR:

AM

AM

AM

DUPLICATE:

AM

AM

DI BLANK:

NA

AM

AM
**CONDITIONS SAMPLED:**

- Baseflow
- Storm flow: Rain in the past 48 hours, muddy/milky color
- Spring runoff

**FIELD CALIBRATIONS:**

**Disolved Oxygen:**

\[ \text{BP} = \text{mmHg} \quad \text{POST CAL} = \% \]

**Turbidity (NTU):**

**STANDARD =**

**STANDARD READING =**

⚠️ Percent difference should be less than 10%

**FLOW DATA:**

- **Width:** __________ FT
- **Depth:** __________ FT
- **Distance:** __________ FT
- **Time:** __________ SEC

\[ \text{Velocity} = \left( \frac{\text{Distance}}{\text{Time}} \right) \times 0.85 \]

**CORRECTION FACTOR**

- **Average of 3**

**CIRCLE METHOD USED FOR FLOW:**

- Float Method
- USGS CAGE

**PICTURES:**

- **Upstream**
- **Downstream**
- **Left Bank**
- **Right Bank**

⚠️ Bank direction determined by looking downstream

**OTHER:**

**FIELD NOTES:**

Take detailed notes about the stream and the watershed.

**SUGGESTED OBSERVATIONS FOR NOTES:**

- Trash
- Water color
- Odor
- Fish
- Crayfish
- Frogs
- Leaves in channel
- Algae
- Macrophytes
- Riparian
- Wildlife
- Cattle
- Fire
- Bugs

*Photography is a way of feeling, of touching, of loving. What you have caught on film is captured forever. It remembers little things long after you have forgotten everything.*

~Aaron Siskind