



CREEK CONNECTIONS

~~~~~ Data Collection Sheet *~~~~~*

Sample Date: ___/___/___ Sampling Site Number: _____ Sampling time _____:_____

Site Name _____ School _____

Names of Testers / Class _____

Observations: *Creek Appearance (velocity, color, frozen, etc.) _____

*Weather in past 48 hrs (rain, snow, etc.) _____

*Relative Depth (higher/lower than normal, etc.) _____

HYPOTHESIS (optional) _____

FIELD TESTS (To be conducted on-site)

Average

___ °C **TEMPERATURE:**
 Sample A: ___ °C Sample B: ___ °C

___ **pH** (normal range 6-9):
 Sample A: ___ Sample B: ___

___ mg/L **TOTAL DISSOLVED SOLIDS (TDS)** (normal range 60-460mg/L):
 Sample A: ___ mg/L Sample B: ___ mg/L

___ μS/cm **Conductivity (Double check units, could also be mS/cm)**(normal range 150-500 μS/cm):
 Sample A: ___ μS/cm Sample B: ___ μS/cm

___ mg/L **DISSOLVED OXYGEN (DO)** (normal range 6-14mg/L):
 # of drops for A: ___ mg/L # of drops for B: ___ mg/L

LABORATORY TESTS (To be completed within 24 hours)

Average

___ mg/L **NITRATE-NITROGEN** (normal range 0-2.6mg/L):
 Low Range (0-1 mg/L) **OR** High Range (0-10 mg/L)
 Reading for A: ___ mg/L Reading for A: ___ x 10 = ___ mg/L
 Reading for B: ___ mg/L Reading for B: ___ x 10 = ___ mg/L

___ mg/L **TOTAL PHOSPHOROUS** (normal range 0-0.43mg/L):
 Low Range (0-1 mg/L)
 Reading for A: (___ / 150) = ___ mg/L
 Reading for B: (___ / 150) = ___ mg/L

___ mg/L **TOTAL ALKALINITY** (normal range 20-200mg/L):
 High Range **OR** Low Range
 # of drops for A: ___ x 17 = ___ mg/L # of drops for A: ___ x 6.8 = ___ mg/L
 # of drops for B: ___ x 17 = ___ mg/L # of drops for B: ___ x 6.8 = ___ mg/L

___ JTU **TURBIDITY (normal range 0-45JTU):**
 Low Range (50mL sample) **OR** High Range (25mL sample)
 # of 0.5 mL additions to A: ___ x 5 = ___ JTU # of 0.5 mL additions to A: ___ x 10 = ___ JTU
 # of 0.5 mL additions to B: ___ x 5 = ___ JTU # of 0.5 mL additions to B: ___ x 10 = ___ JTU

