COLORADO RIVER WATCH NETWORK

DATA SHEET

SUBMIT ONLINE AT: https://crwn.lcra.org/data_entry/
OR SEND TO: CRWN at LCRA
P.O. Box 220
Austin, TX 78767-0220
1-800-776-5272

MONITOR NAME(S) (print): _____ CRWN SITE # _____

SITE NAME: _____ SAMPLE DATE: _____

SAMPLE TIME _____:_____ (military) SAMPLE DEPTH _____._____ *not total depth* (meters) TOTAL DEPTH _____._____ (meters) TCEQ ID #: _____

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

Meter Type	Standard Value	Initial Meter Reading	Post Test Reading
Conductivity			
pH 7.0			

Core Tests and Measurements:

☐ AIR TEMPERATURE (°C)

☐ WATER TEMPERATURE (°C)

☐ AVERAGE DISSOLVED OXYGEN (all values within 0.5 mg/L)
1st titration _____ 2nd titration _____
3rd titration _____ 4th titration _____

☐ SPECIFIC CONDUCTANCE ❑ TDS Tester 3 ❑ EC Tester

☐ pH (standard units) ❑ pH tester 2 ❑ comparator

greater than / = **(circle one)** ☐ Transparency Tube (meters)

greater than / = **(circle one)** ☐ Secchi Depth (meters)

Field Observations:

☐ FLOW SEVERITY (N/A for lake sites) 1-no flow 2-low 3-normal 4-flood 5-high 6-dry

☐ ALGAE COVER: 1-absent 2-rare (<25%) 3-common (26-50%) 4-abundant (51-75%) 5-dominant (>75%)

☐ APPARENT WATER COLOR: (in stream) 1-no color 2-light green 3-dark green 4-tan 5-red 6-green/brown 7-black

☐ ACTUAL WATER COLOR: (in beaker) 1-no color 2-light green 3-dark green 4-tan 5-red 6-green/brown 7-black

☐ WATER CLARITY: 1-clear 2-cloudy 3-turbid

☐ WATER SURFACE: 1-clear 2-scum 3-foam 4-debris 5-sheen

☐ WATER CONDITIONS: 1-calm 2-ripples 3-waves 4-white caps

☐ WATER ODOR: 1-none 2-oil 3-acrid (pungent) 4-sewage 5-rotten egg 6-fishy 7-musky

☐ PRESENT WEATHER: 1-clear 2-cloudy 3-overcast 4-rain

☐ DAYS since last significant precipation (runoff)

☐ INCHES of rainfall accumulation (in last 3 days)

Reagents: Are any reagents about to expire? ❑ Yes ❑ No
List needed supplies: _____

Additional Tests Conducted:

1. Nitrate Nitrogen: **(circle one)** less than / = ☐ mg/L

2. Flow:
Width_____ft. X Depth_____ft. X Avg. velocity _____(ft/sec)=_____cfs

(1)_____secs + (2)_____secs + (3)_____secs/3=_____Avg.Time

Distance (10 ft) Avg. Time = Avg. velocity in ft./sec.

Coastal Area Salinity Tests:

1 . 0 __ __ __ = initial reading - . 0 0 1 0 Water temp. = _____°C

__ . __ __ __ __ (+ or -) __ __ correction factor Table 210:I

1 . 0 __ __ __ = corrected density, nd salinity in Table 210:II

_____ Sample temp. (°C) _____ Salinity (ppt)

☐ TIDE STAGE: 1-low 2-failing 3-slack 4-rising 5-high

Comments, Supply Needs, Field Observations:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

***E. coli* bacteria** (Coliscan Easygel unless otherwise specified.)

Reading #1: Sample size _____ mL (colonies counted) _____x _____ (dilution factor*) = ☐ cfu/100mL ☐ average *E. coli*

Reading #2: Sample size _____ mL (colonies counted) _____ x _____ (dilution factor*) = ☐ cfu/100mL

*dilution factor = 100 divided by volume of sample processed (e.g. 1 mL sample = dilution factor 100, 5 mL sample = dilution factor 20)

☐ MINUTES sampling and traveling ☐ MILES traveled (round trip) ☐ Number of participants

Two photographs can be uploaded with each data sheet entered online. All fields IN RED are required fields.

_____ CERTIFIED MONITOR'S SIGNATURE _____ DATE _____ DATA ENTERED BY (CRWN STAFF) _____ DATE

Document Revised 12/2011