



THE MEADOWS CENTER
FOR WATER AND THE ENVIRONMENT
TEXAS STATE UNIVERSITY

TEXAS STREAM TEAM



Submit to:
Houston-Galveston Area Council
Clean Rivers Program
P.O. Box 22777
Houston TX 77227-2777
Stream.Team@h-gac.com

WATER QUALITY MONITORING FORM—FRESH

Group ID		Monitors ID #										
Site ID #		Site Description										
Sample Date MM-DD-YY		Sample Time (military: HHMM)		Sample Depth Meters [not total depth]								
Meter Calibration: (Within 24 hours of sampling)				YES		NO						
Calibration	Date	Time	Standard Value	Standard Temp (C°)	Initial Meter Reading	Meter Adjusted To						
Conductivity												
pH (7.0)												
Core Test and Measurements				Reagents: Are any reagents expired?		YES	NO					
Conductivity		List Expired Regents OR reagents that need to be replaced.										
TDS Low/3		TDS High/4										
Air Temperature (C°)												
Water Temperature (C°)		Bacteria (E. coli) Test and Observations										
Average Below	Dissolved Oxygen (mg/L)		INCUBATION	Period (28-31 hrs.)		Temp. (°C) (33+/-3°C)						
	1 st titration		2 nd titration		SAMPLE 1	Sample Size	Dilution Factor (mL) (100/sample size)					
	pH (Standard Units)		Colonies Counted		X Dilution Factor	=	Colonies /100 mL					
	SECCHI Disk or Tube Transparency (Meters)		SAMPLE 2	Sample Size		Dilution Factor (mL)	(100/sample size)					
	Total Depth (meters)		Colonies Counted		X Dilution Factor	=	Colonies /100 mL					
Field Observations				FIELD BLANK: E.coli colony growth		YES	NO					
	FLOW SEVERITY 1-no flow 2-low 3-normal 4-flood 5-high 6-dry		DATA QUALITY REVIEW: Checklist Completed		YES	NO						
	ALGAE COVER 1-absent 2-rare (<25%) 3-common (26-50%) 4-abundant (51-75%) 5-dominant (>75%)		Measurement and Field Observations Comments									
	WATER COLOR 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 PRECIPITATION (runoff)											
	(Inches) RAINFALL ACCUMULATION (last 3 days)											
MINUTES (Total Time Spent Sampling and Traveling)		MILES (Total Roundtrip Distance Traveled)						TOTAL NUMBER OF PARTICIPANTS				
CERTIFIED MONITOR'S SIGNATURE								DATE				
DATA MANAGER'S SIGNATURE					DATE							