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| **WATER QUALITY MONITORING FORM—FRESH** | **Submit to:** Houston-Galveston Area Council Clean Rivers ProgramP.O. Box 22777Houston TX 77227-2777**Stream.Team@h-gac.com** |
| **Group ID** |  | **Monitors ID #** |  |
| **Site ID #** |  | **Site Description** |  |
| Sample DateMM-DD-YY |  |  Sample Time(military: HHMM) |  | Sample DepthMeters [not total depth] |  |
| **Meter Calibration: (Within 24 hours of sampling)** | **YES** |  | **NO** |  |
| Calibration | Date | Time | Standard Value | Standard Temp (C0) | 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 (C0) |
|  | Water Temperature (C0) | **Bacteria (E. coli) Test and Observations** |
| Average Below | Dissolved Oxygen (mg/L) | **INCUBATION** | Period (28-31 hrs.) |  | Temp. (oC) (33+/-3oC) |  |
|  | 1st titration |  | 2nd 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 |  |