**FDEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet**

MONITORING LOCATION: DESCRIPTION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SURVEY/PROJECT: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MONITORING LOCATION: NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SAMPLING ENTITY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ RQ\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MONITORING LOCATION: WIN ID\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ COUNTY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ORG CODE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

LATITUDE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ LONGITUDE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (EAST/CENT)

**WATER QUALITY**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample Depth (m)** | | **Temp. (C°)** | **pH (SU)** | **DO (mg/L)** | **DO**  **(% SAT)** | **Sp. Cond. (umhos/cm)** | **Salinity (ppt)** | **Secchi Depth (m)** | **Total Depth (m)** |
| **Top** |  |  |  |  |  |  |  |  |  |
| **Mid** |  |  |  |  |  |  |  |
| **Bottom** |  |  |  |  |  |  |  |
| **Data J Qualified?** | |  |  |  |  |  |  | **VOB**: Yes No |
| **Meter ID #:** | |  | | | | | | **Photos Taken:** Yes No | |

**OBSERVATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Water Clarity:** Clear Slightly Turbid Turbid Opaque | **Sediment Odors:**    Normal  Anaerobic  Chemical  Petroleum    Sewage | | **Abundance:** Not Obs. Rare Common Abundant  Periphyton  Fish:  Aquatic Plants:  Iron/Sulfur Bacteria: |
| **Water Color:** Clear Green (Algae) Tannic |
| **Water Odors:**  Normal Chemical Petroleum Sewage |
| **Water Oils:** NormalGlobSheenSlick |
| **Sediment Type:**  Organic Fibrous (peaty)  Organic Smooth (muck)  Sand/Silt  Sandy  Vegetated | | **Substrate Smothering:**  None Slight Moderate Severe  Sand:  Silt:  Algae: |
| **Artificially Impounded:** Yes No |
| **Artificially**  No Some recovery  **Channelized**: Mostly Recovered Recent/Severe |
| **Canopy** Open Lightly Shaded (11-45%)  **Cover%:** Moderately Shaded (46-80%) Heavily Shaded | **Sediment Oils:**  Normal  Glob  Sheen  Slick | | **System** Stream Other  **Type:** Wetland Estuary |
| **Hydrologic Modification**  **Score:** 1-2 3-4 5-6 7-8 9-10 | **Matrix Collected:** Fresh Marine |
| **Water Level:** Low Normal High |
| **Typical Width(m) Depth(m)/Velocity(m/sec) Transect:**  Width (m): Left Velocity (m/s): Center Velocity (m/s): Right Velocity (m/s):  Left Depth (m): Center Depth (m): Right Depth (m): | | **Local Watershed Erosion:**  None Slight Moderate Heavy | |
| **Local Watershed Pollution**:  None Slight Moderate Heavy | |
| **High Water Mark (m):**  + =  (above present water level) (present depth) (above bed) | | **Buffer Width (m):**  Left Bank: Right Bank: | |

**METHODS / EQUIPMENT USED**

|  |  |
| --- | --- |
| **Assessment Conducted:**  SCI HA RPS LVS LVS<2m2 BioRecon No Other (Specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ None  The RPS was not conducted due to the minimal presence of algae at the site as indicated above.  Photo evidence is available to document this condition. | **Collection Method:**  Wading Shore  Boat (gas motor) Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Blank:** Equipment Field None |
| **Sampling Equipment:**  Dipper Peristaltic pump Depth sampler None/Direct grab Other Intermediate Device (Specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Equipment ID (if applicable)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

SITE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Notes & Observations; (weather, evidence of vegetation management)**  Antecedent hydrologic conditions were met to the best of my knowledge. | | |
| **Print Name:** | **Signature:** | **Date:** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sampling Team Members** | **Meter**  **Readings** | **Sample**  **Collection** | **Documentation** | **Preservation** | **Preservation**  **Check** |
| **1.** |  |  |  |  |  |
| **2.** |  |  |  |  |  |
| **3.** |  |  |  |  |  |
| **4.** |  |  |  |  |  |
|  |  |  |  |  |  |