

Adopt-An-Estuary Visual and Physical/Chemical Survey

Name _____

Site ID _____

Date _____

Time _____ am pm

County _____

Estuary Name _____

Photo Documentation Complete

Weather Conditions:

(1 = Clear; 2 = Partly Cloudy;
3 = Overcast; 4 = Fog/Haze;
5 = Drizzle; 6 = Intermittent Rain; 7 = Steady Rain)

Moon Phase:

(0 = New; 1 = 1st Quarter;
2 = Half; 3 = Third Quarter;
4 = Full)

Water Surface:

(1 = Calm; 2 = Ripples;
3 = Waves; 4 = Whitecaps)

Tide:

(1 = Low; 2 = Incoming;
3 = Outgoing; 4 = High)

Water Color:

(1 = Blue; 2 = Green;
3 = Brown; 4 = Blue/Green)

Physical/Chemical Conditions

Air Temperature _____ °C

Water Temperature _____ °C

Secchi Depth _____ m

Water Depth _____ m

Water pH _____

Water Salinity _____ ppt

Dissolved Oxygen _____ ppm

Phosphate _____ ppm

Nitrate _____ ppm

Turbidity _____ JTU

Condition Indicators:

Foam Bubbles Oil Scum Erosion Unusual Odor

Trash Dumping Dock/Pier Vegetative Debris Excessive Algae

Dead Organisms: Fish Crabs Other_____

Substrate:

Vegetation Present: Marsh Grass Dune Grass Seagrass Mangroves

Marsh Substrate: Sand Shells Rocks Clay/Mud

Soil Color From Munsell 10YR Page: Value:_____ Chroma:_____

Species Survey

Snails Bivalves (2 shells) Conchs Fish Blue Crabs

Fiddler Crabs **# of Crab Holes:** None Few (<50) Many (>50)

Other_____ Exotics Present

Additional Comments/Observations