

Jug Bay Wetlands Sanctuary – Glendening Vernal Pool Survey – Survey Data

Date \_\_\_\_\_ Number of observers \_\_\_\_\_  
 Time Start Transects \_\_\_\_\_ Time Finish Transects \_\_\_\_\_

**Weather** (circle all that apply)

- 1-clear      2-pt.cldy      3-showers      4-overcast      5-fog/haze  
 6-drizzle      7-rain      8-snow      9-windy      10-other

**Wind speed** (Beaufort scale) \_\_\_\_\_ Percent of sky covered in clouds \_\_\_\_\_ %

Code	Name	Description
0	Calm	Smoke rises vertically.
1	Light air	Smoke drifts, weather vane inactive.
2	Light breeze	Wind felt on face, leaves rustle.
3	Gentle breeze	Leaves and small twigs in constant motion, small flags extended.
4	Moderate breeze	Moves thin branches, raises dust and loose paper.
5	Fresh breeze	Small trees begin to sway.
6	Strong breeze	Large branches in motion. Umbrella use becomes difficult.

**Water Quality – Grid Pole 530S**

*YSI Dissolved Oxygen (D.O.) Meter* Save Number \_\_\_\_\_

D.Oxygen: \_\_\_\_\_ % Saturation      Conductivity: \_\_\_\_\_ uS

D.Oxygen: \_\_\_\_\_ mg/L      Specific Conductance: \_\_\_\_\_ uS

Salinity: \_\_\_\_\_ ppt

**Physical Data**

Water Temp: \_\_\_\_\_ C

Secchi Depth: \_\_\_\_\_ meters

Air Temp: \_\_\_\_\_ C

Water Depth: \_\_\_\_\_ meters From pole top \_\_\_\_\_

pH strip 1): \_\_\_\_\_

strip 2): \_\_\_\_\_

Nutrients

**Water Quality – North East**

*YSI Dissolved Oxygen (D.O.) Meter* Save Number \_\_\_\_\_

D.Oxygen: \_\_\_\_\_ % Saturation      Conductivity: \_\_\_\_\_ uS

D.Oxygen: \_\_\_\_\_ mg/L      Specific Conductance: \_\_\_\_\_ uS

Salinity: \_\_\_\_\_ ppt

**Physical Data**

Water Temp: \_\_\_\_\_ C

Secchi Depth: \_\_\_\_\_ meters

Air Temp: \_\_\_\_\_ C

Water Depth: \_\_\_\_\_ meters

pH strip 1): \_\_\_\_\_

strip 2): \_\_\_\_\_

Nutrients