FLAG PONDS NATURE PARK HABITAT SURVEY FORM

| Date | | Plot # | |
|--|-----------------------------|---|-----------------------------|
| Plot dimensions by 1 | n sample area | sq. m | |
| Surveyors | | | |
| | | | |
| | | | |
| GPS Datum: □NAD83 □UTN | I WGS84 Est. accuracy_ | m / ft # sats fixed: | |
| Coordinates | Coordinates in UTM | | |
| Lat: | X: I | Ε | |
| Long: | Y: I | N | |
| Terrestrial | | Slope | Dominant Understory |
| (not a wetland) | Disturbances/Threats: | A - 0-3% (Level) | 1 - sparse shrub layer |
| (not a wettand) | ☐ clearing / logging | B - 3-8% | 2 - medium shrub layer |
| Aquatic Systems | deer browse | (gentle/undulating) | 3 - dense shrub layer |
| | erosion | C – 8-16% | 4 - herbaceous only |
| Tidal | | (sloping/rolling) | 5 - leaf litter/debris only |
| A – Irregularly exposed | ☐ gypsy moth☐ fire | D - 16-30% (moderate/hilly) | |
| B – Regularly flooded | | E - 30-65% (steep) | |
| C – Irregularly flooded D – Wind tidally flooded | ditching | F - 65-17% (very steep) | Successional Stage |
| D = Willia tidally flooded | other: | G - >75% (extremely | L – late |
| Non-Tidal | | steep) | M – mid |
| A – Permanently flooded | Non notive plants | | E – early |
| B – Semipermanently flooded | Non-native plants: | Tonographical Position | Minagliana |
| C – Seasonally flooded | ☐ Honeysuckle | Topographical Position A – crest | Miscellaneous |
| D – Intermittently flooded | □ Stiltgrass | B – upper slope | ☐ Bryophyte |
| E – Temporarily flooded | ☐ Beefsteak plant | C – middle slope | ☐ Lichens |
| F – Saturated | ☐ Phragmites | D – lower slope | □ Snags (#) |
| G 1 | ☐ Ailanthus | E – toe | |
| Salinity A Soltwater (> 20 ppt) | Other (list) | F – plain /level | |
| A – Saltwater (>30 ppt) B – Brackish (5-30 ppt) | Guier (list) | G – basin/depression | |
| C – Oligohaline (0.5-5 ppt) | | | |
| D – Freshwater (<0.5 ppt) | | Other Features or Comr | manta |
| | | Other reatures or Com | nents |
| Inundation | Disturbance Comments | | |
| A – never | | | |
| B – infrequently | | | |
| C – regularly (<6 mos) | | | |
| D – regularly (>6 mos) | | | |
| E – always submerged by shallow water (<30cm) | | | |
| F – always submerged by deep | | | |
| water (>30cm) | | | |
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WOODY STEMS ≥2.5 cm DBH IN PLOT

| Date | Plot # | | | | | | | | | |
|-------------|---------------------|-----------|-----------|----------|-------------|-----------|-----------|----------|---------|-------|
| Surveyors _ | | | | | | | | | | |
| | Record number of in | ndividual | ls in eac | h 5cm (2 | ") class, 1 | record to | nearest c | m if DBI | H >40cm | (16") |
| | DBH in cm | 2.5-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40+ |
| Species | DBH in in | 1-2 | 2-4 | 4-6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-16 | 16+ |
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SHRUB & HERBACEOUS SPECIES COMPOSITION

| Date | | Plot # | |
|----------------|-------------|---------|--------------|
| Surveyor | S | | |
| Shrub/ Herb | Common Name | Species | Out. Plot |
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| | Plot # | | |
|-------------|---|---------------------|---------------------|
| | s | | |
| SKETC | H PLOT CONFIGURATION. Indicate plot architecture, GPS points, location stakes, bearings of photopoints, and directions and distance to landmarks (include | of ϕ | GPS position |
| species and | dbh of witness trees). Also include plot orientation, roads, trails, and distinctive | $\circ \rightarrow$ | Photo # & direction |
| features of | vegetation. Attach copy of topographic map indicating location of plot. | 8 | Witness tree |
| 10 m x 1 | 0 m plot or other dimension | N | North arrow |
| (32.8 ° x 3 | 2.8') | | |
| | | | |
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Calvert County Natural Resources

| SKETCH PLOT CONFIGURATION. Indicate plot architecture, GPS points, location of permanent stakes, bearings of photopoints, and directions and distance to landmarks (include species and dbh of witness trees). Also include plot orientation, roads, trails, and distinctive | Date | | | Plot # | | |
|---|--|-------------------------|----------------------------|---------------------------------|---------------------|--------------|
| permanent stakes, bearings of photopoints, and directions and distance to landmarks (include species and dbh of witness trees). Also include plot orientation, roads, trails, and distinctive features of vegetation. Attach copy of topographic map indicating location of plot. Witness tree 4 m x 4 m plot pr other dimension North arrow | | | | | | |
| species and dbh of witness trees). Also include plot orientation, roads, trails, and distinctive features of vegetation. Attach copy of topographic map indicating location of plot. O→ Photo # & direction ⊗ Witness tree A m x 4 m plot pr other dimension NE 1 m x 1 m plot pr other dimension | SKETCH P | LOT CONFIGURAT | ION. Indicate plot archite | ecture, GPS points, location of | + | GPS position |
| 4 m x 4 m plot pr other dimension N North arrow NE 1 m x 1 m plot pr other dimension | species and dbh of witness trees). Also include plot orientation, roads, trails, and distinctive features of vegetation. Attach copy of topographic map indicating location of plot. | | | 0> | Photo # & direction | |
| NE 1 m x 1 m plot pr other dimension | | | | 8 | Witness tree | |
| NE 1 m x 1 m plot pr other dimension | | | | N | North arrow | |
| SW 1 m x 1 m plot pr other dimension | NE 1 m x 1 r | n plot pr other dimensi | on | | | |
| | SWImxI | m plot pr other dimens | ion | | | |
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