

# Wesley Dillon

## Senior Ecologist



### Expertise

Wellfield Monitoring  
Jurisdictional Wetland Delineation  
Wetland Permitting  
Wildlife Ecology  
Environmental Permit Compliance

### Education

B.A., Environmental Studies  
Florida Gulf Coast University,  
2009

### Certifications

FWC Authorized Gopher  
Tortoise Agent GTA-11-00056  
SWFWMD Wetland  
Assessment Procedure (WAP)  
FDEP Qualified Stormwater  
Management Inspector  
US Department of Labor  
MSHA 30 CFR Part 46 and  
Part 48 Certifications

FAESS Hydric Soils Workshop

### Memberships & Affiliations

Tampa Bay Association of  
Environmental Professionals  
(TBAEP)

Wes Dillon has an in depth knowledge and professional background in upland and wetland ecology. He is experienced in wetland monitoring and compliance, Uniform Mitigation Assessment Method (UMAM) analysis, wetland jurisdictional determinations, environmental assessments, and listed species surveys, permitting, and relocation. Wes has conducted a variety of land management tasks including nuisance species control, supplemental wetland mitigation planting, and has assisted Flatwoods staff in completing a variety of environmental assessments. Wes is a Gopher Tortoise Agent as authorized by the Florida Fish and Wildlife Conservation Commission (FWC). He has also completed the US Department of Labor Mine Safety and Health Administration (MSHA) training.

### WELLFIELD MONITORING

#### Ecologist - Morris Bridge Wellfield Hydrological and Ecological Monitoring Program, Hillsborough County, Florida

Performed the ecological monitoring program developed for the Morris Bridge and Cypress Creek Wellfields. Services included assisting in quantitative and qualitative monitoring of vegetative changes (Wetland Assessment Procedure, (WAP)), and assessment of wetland condition.

#### Ecologist – Historical Aerial Photograph Interpretation – Pasco and Hillsborough Counties, Florida

Conducted an historical aerial interpretation for wetlands on a 12,900-acre site. The aerial interpretation was used in the development of a wetland recovery plan.

### JURISDICTIONAL WETLAND DELINEATION

#### Ecologist – Substation and Transmission Line, Throughout Florida

Conducted jurisdictional wetland delineations, set seasonal highs, and provided U.S. Army Corps of Engineers (USACE) wetland determination data forms for multiple substations and transmission lines throughout Florida.

#### Ecologist – Residential and Commercial Developments, Throughout Florida

Conducted jurisdictional wetland delineations, set seasonal highs, and provided USACE wetland determination data forms for multiple residential and commercial developments throughout Florida.

### WETLAND PERMITTING

#### Ecologist – Substation and Transmission Line, and Utility corridors, Throughout Florida

Provided site assessments, UMAM evaluations and mitigation credit scores, state Environmental Resource Permit (ERP) and federal permit support for multiple substations, transmission lines, and utility corridors throughout Florida.

#### Ecologist – Residential and Commercial Developments, Throughout Florida

Provided site assessments, UMAM evaluations and mitigation credit scores, state ERP and federal permit support for multiple residential and commercial developments throughout Florida.

### WILDLIFE ECOLOGY

#### Ecologist – Gopher Tortoise Surveys, Bucket Trapping and Relocations, Throughout Florida

Surveyed, bucket trapped, and relocated gopher tortoises and gopher tortoise burrow commensals on site as an FWC Authorized Gopher Tortoise Agent for the Sabal Trail Pipeline which runs from Georgia to Orlando.

#### Ecologist – Gopher Tortoise Surveys and Relocations, Throughout Florida

Surveyed, excavated and relocated gopher tortoises and gopher tortoise burrow commensals to on-site and off-site recipient sites as an FWC Authorized Gopher Tortoise Agent.

#### Ecologist – Red-Cockaded Woodpecker Conservation - Florida Fish and Wildlife Conservation Commission

Assisted in the conservation of Florida's red-cockaded woodpecker population through land management practices and nest surveys.

**Ecologist – Florida Sand Skink Survey, Central Florida**

Installed and surveyed for the Florida sand skink and blue tailed mole skink in Polk, Orange and Highlands Counties according to the U.S. Fish and Wildlife Service protocol.

**Ecologist – Florida Scrub-jay Nesting and Territory Surveys and Monitoring, Central Florida**

Surveyed Florida scrub-jay habitat and monitored active sites in Volusia, Polk, and Citrus Counties according to the U.S. Fish and Wildlife Service protocol.

**Ecologist – Eastern Indigo Snake Surveys, Central Florida**

Assisted in performing pedestrian surveys for Eastern Indigo Snakes (EIS) on over 2,000 acres of suitable habitat in Pasco County, Florida and was trained as the primary handler with the utilization of trained wildlife detection dogs in examining previously marked above ground and below surface refugia.

**Ecologist – Crested Caracara, Osprey and Bald Eagle Surveys and Monitoring, Throughout Florida**

Tasks Included performing crested caracara territory surveys, nest surveys, recording behavioral observations, nest monitoring of crested caracara. Monitoring and photo documentation of osprey nests and bald eagle nests on cell towers and transmission line structures throughout Florida to determine nest occupancy before maintenance could be undertaken.

**Ecologist – Avian Protection Plan and Avian Risk Assessment, Florida, Kentucky, Ohio, and Indiana.**

Conducted field surveys to identify at-risk areas and assess risk of utility poles for a large utility company in Florida, Kentucky, Ohio, and Indiana. Assisted in preparation of an Avian Protection Plan to reduce avian interactions with electrical utilities.

**Ecologist – Substation and Transmission Line, Throughout Florida**

Provided site assessments, Jurisdictional wetland delineations, UMAM evaluations and mitigation credit scores, state ERP and federal permit support, state and federal listed species surveys, U.S. Fish and Wildlife Service (FWS) and FWC listed species permitting, listed species relocations, and permit compliance wetland assessment monitoring for several substations and transmission lines in Florida.

**ENVIRONMENTAL PERMIT COMPLIANCE**

**Ecologist – FDEP Conservation Easement Baseline Documentation, Manatee, Citrus, Pasco, Counties, Florida**

Conducted baseline documentation report for multiple conservation easements consisting of lands to be preserved in their existing state. These efforts included documentation of historic conditions and land use as well as a description of existing habitats and use by listed species. Supporting documentation (i.e., photos, etc.) was provided in support of form CE-10 and the narrative description.

**Ecological Specialist – Stormwater Pollution Prevention Plan (SWPPP), Throughout, Florida**

Developed and implemented SWPPPs, which describe practices to reduce pollutants in stormwater discharges from construction sites and identify procedures that will be implemented to comply with the terms and conditions of Generic Permits for Stormwater Discharge from Large and Small Construction. The procedures for SWPPP implementation included installation of silt fence, staked turbidity barrier, geosynthetic barrier and floating turbidity barrier per the SWPPP, inspection and maintenance of materials, weekly reporting, and the removal of all materials upon project completion.

**Ecologist Specialist – Environmental Management Plan Implementation, Hardee County, Florida**

Assisted with the Environmental Management Plan (EMP) to satisfy several conditions of a Water Use Permit (WUP) for a client in Central Florida. This plan included the installation and monitoring of permanent monitoring transects to allow for standardized vegetative, soils, and hydrologic monitoring. Wetland evaluation procedures included WAP, the United States Department of Agriculture Stream Visual Assessment Procedure (SVAP), and UMAM. Data collected during this effort was compiled, organized, analyzed, and stored in a Microsoft Access database as part of the environmental monitoring.

**Ecologist – Wetland Monitoring & Compliance, Central Florida**

Assisted in the determination of; wetland delineations, vegetation monitoring, soil sample collection, planting oversight, and site visits to determine permit compliance of wetland mitigation areas throughout Central Florida.

**Ecologist – Wetland Compliance, Central Florida**

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