

EMILY PROSSER, P.E.

## Education

BS – Environmental Engineering, Johns Hopkins University, 2014



## Professional Licenses

Professional Engineer – Florida #91025

## Specialty Certifications

OSHA 10-hour – Construction

## Professional Experience

Emily is a licensed Professional Engineer with eight years of civil and environmental design experience. She has worked as a project engineer, specializing in municipal water and wastewater systems in Maryland. She prepared and coordinated engineering drawings and design specifications for projects including potable water distribution, sanitary sewer collection, and sewage pump stations and wastewater treatment plant improvements. Emily then transitioned into design and project management of coastal and waterfront development projects in Florida. Projects included boat ramp facilities, shoreline improvements, and resiliency and vulnerability assessments.

### **FPL Substation Civil Engineering Design**

Project professional assisting in civil-site and stormwater system design and construction oversight for various new substations and substation expansions, including Raintree, Bobwhite, Owl creek, and Sweatt substations.

### **Hillsborough County, Southeast County Landfill (SCLF) Section 10 Preliminary Design**

Project professional assisting in the preliminary design of 54.06 acres of new cell construction. Calculations include anchor trench, leachate collection system, sump sizing, pump sizing, geocomposite and geotextile.

### **Solid Waste Authority, Cells 5-10 Closure, Palm Beach County, Florida**

Project professional assisting in administrative and CQA tasks and support for landfill closure.

### **Solid Waste Authority, Surface Emissions Monitoring, Palm Beach County, Florida**

Project professional assisting in the quarterly surface emissions monitoring at the Solid Waste Authority of Palm Beach County. Tasks included calibrating equipment, taking background readings, and monitoring methane and hydrogen sulfide emissions at penetrations throughout the Class I and only methane at the Class III landfill.

**Solid Waste Authority, Well Inactivation, Palm Beach County, Florida**

Project professional assisting in the review of monthly landfill gas wellfield monitoring data from the Class I and Class III landfills at the Solid Waste Authority of Palm Beach County. Task includes reviewing the data based on criteria in the Inactivation Plan and evaluate if wells are to be inactivated or if remedial action is required to adjust the system and if previously inactivated wells need any required action.

**Summit Lakefill, Summit Limestone and Soils Inc., Miami, Florida**

Project professional overseeing the development of permit plans for a lakefill pad for future development in Miami-Dade County. Design included site layout of a littoral shelf, dry ditch, and the remaining lake.

**Former Le Club Resort, Neighborhood 3, Florida Power and Light Company (FPL), Florida**

Project professional assisting in the review of a Soil Management, Engineering Control Modification and Repair Plan for the installation of 63 light posts and associated infrastructure.

**Rambo Assemblage, Lennar Homes, LLC, Miami Dade County, Florida**

Project professional assisting in soil management implementation and operation reports.

**Southside Park – Well Installation and Sampling, City of Miami, Florida**

Project professional managing the installation of two new wells at Southside Park and the sampling of all wells for antimony.

**Glades County Solid Waste Management Report, Glades County, Florida**

Prepare the 2021 Annual Solid Waste Management Report per Florida Statute 403.706 for Glades County. Tasks included filling out the FDEP excel workbook and Re-TRAC system with the amount of municipal solid waste disposed at solid waste disposal facilities, amount/type of material recycled, and percentage of population participating.

**Silver Dollar Shooting Club, Equity Partners, Hillsborough County, Florida**

Project professional assisting in the preparation of grading plans for the active and inactive ranges at the Silver Dollar Shooting club. Task includes sloping ground surface towards the newly restored wetlands on the east side of the property and equally distributing soil from the reclamation process.