

EMILY C. VASQUEZ

Education

PSM. – Environmental Policy and Management, Florida International University, 2016

BA – Sustainability and the Environment, Minor in Communication Studies, Florida International University, 2015



Specialty Certifications

40 Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

Professional Affiliations

South Florida Association of Environmental Professionals (SFAEP)

Professional Experience

Emily Vasquez has over five years of experience working on a wide variety of environmental compliance and remediation projects. She is responsible for coordinating and managing projects, many of which pertain to the redevelopment of contaminated sites. Her experience includes construction oversight, subsurface soil characterization, hazardous and non-hazardous sites, soil gas, surface water and groundwater monitoring, groundwater remediation system operation and maintenance, source removal oversight, well installation management, hydrogeological investigations, preparing reports, including tabular and graphical presentation of environmental data, as well as preparing groundwater contour maps and borehole logs. Examples of Ms. Vasquez's experience include the following:

Examples of SCS Projects

SoLe Mia (FKA Biscayne Landing; aka Munisport Landfill), City of North Miami, Florida. *Project Professional.* Responsible for the data evaluation and system optimization of the groundwater remediation system. Conducted treatability studies to remedy scaling issues of the groundwater recovery system. Manage routine water quality monitoring, landfill gas monitoring and reporting for the 200-acre former landfill site in accordance with the sites' landfill closure permit. Manage operation and maintenance activities to the extraction and injection well system. Validate laboratory data using ADaPT software, review field logs and analyze extensive analytical data. Prepared financial assurance cost estimate (FACE) updates and Grant Draws. Involved in project management, proposal preparation, client and regulatory interaction, and report submittals to regulatory agencies.

REL P Beacon Logistics, Hialeah, Florida. *Project Professional.* Responsible for coordinating and leading field teams for the following tasks: vapor probe and monitoring well installation, soil and groundwater sampling, and gas monitoring. Completed air sampling across the site in order to assess for potential safety concerns for the earthwork and construction workers. Completed weekly site inspections to observe earthwork, download data from an onsite dust monitor, and evaluate worker compliance with the soil management, dust control, and health and safety plan. Prepare quarterly groundwater monitoring reports for DDC, prepare quarterly progress reports, daily site visit

reports, and analyze and graph downloaded dust monitoring logs to evaluate contractor compliance with the dust control plan.

Lennar, Various Agricultural Redevelopment Projects, Miami, Florida *Project Professional.*

Responsible for managing the environmental assessment required for the redevelopment of current and/or former agricultural sites (located primarily in southern Miami Dade County). These projects require various types of assessment including, but not limited to, soil, groundwater, and gas sampling and source removal, soil management, and engineering control implementation oversight. Most of the reporting required corresponds to the above stated assessment activities, such as monitoring and assessment reports. In addition, statistical analysis and background/regional studies are often components of these reports, as soil and groundwater impacts are common amongst these sites.

Beacon Countyline, Flagler Development Group, Hialeah, Florida. *Associate Staff Professional.*

Performed semi-annual groundwater and surface water quality monitoring and reporting.

Active Electrical Substations, Florida Power & Light, Miami-Dade County, Florida. *Associate Staff Professional.* Perform operation and maintenance of groundwater remediation systems installed at various arsenic impacted FPL substations.

City of Miami Parks (various locations), Miami-Dade County, Florida. *Associate Staff Professional.*

Perform subsurface soil characterization and sampling, source removal oversight, monitoring well installation management and sampling, vertical and horizontal delineation of solid waste. Assist in preparing Environmental site assessment reports and corrective action plans.

Phase II Environmental Site Assessment, Various Locations. Performed oversight of soil boring/monitoring well installations and conducted field sampling required for Phase II Environmental Site Assessments in Broward and Miami-Dade Counties, Florida for private and public entities. Oversaw various soil boring and monitoring well installations, groundwater and surface water sampling, methane gas monitoring, data recording, monitoring well top of casing surveying, analytical data processing, and report preparation.