

BRIANNE APOLINAR

Education

BS – Geology and Environmental Studies, Florida State University. 2013

Professional Experience

Ms. Apolinar is a Project Professional responsible for providing environmental support for projects in the Mid-Atlantic and New England regions. She has 8 years of experience using ESRI GIS products as well as experience using open-source QGIS software. Since joining SCS in June 2018, she has completed Phase I Environmental Site Assessments (ESAs), HUD-level environmental assessments (EAs), tank decommissions, remediation assistance, and other environmental projects for municipal and private clients.

Notable projects that Ms. Apolinar has been involved in are described below.

Environmental Service

VA, MD and DC Phase I ESAs. Perform Phase I ESAs per ASTM and client standards. Tasks include technical report writing, site reconnaissance to identify areas of potential contamination, review and interpretation of historical data, conduct employee and third-party interviews, regulatory record search to identify past or present management practices and creation of report figures using QGIS. Types of sites worked on include:

- Commercial (office buildings), Washington, DC
- Light Industrial (asphalt/aggregate facility), Prince George's County, MD
- Light Industrial (creamery, trucking facilities), VT.
- Residential, Fairfax County, VA (property donated to a University)
- Light Industrial (waste management facilities), throughout US.
- Light Industrial (aviation support facilities), throughout US.
- Commercial (nursing homes), MD.
- Commercial (retail distribution, former steel mill), Pittsburgh, PA.

DCHA Environmental Assessments. Completed HUD-level EAs for the demolition and potential new residential redevelopment of affordable housing units in northeast and southeast DC. Tasks include technical report writing, compliance factor review, reporting existing conditions and trends, and evaluating the effects on the character, features and resources of the project area.

GSA Generator Decommission. Assisted in planning and oversight of decommissioning and removal of two 1MW emergency power generators. Tasks included obtaining necessary permits and inspections by county personnel, overseeing generator lift and loading by crane onto flatbed trailers, assessing surface environmental conditions following removal, and providing the client with a closure report upon completion of the project.

Remediation

Springfield, VA. Field assistance in promoting enhanced biodegradation of PCE compound using an emulsified vegetable (soybean) oil solution at an active dry cleaner in a commercial shopping center.

Alexandria, VA. Assisted in Voluntary Remediation Program application, and field geologist for expanded site characterization activities, of an automotive service garage (former gas station, former industrial facility) located in Alexandria, VA.

Water/Wastewater/Stormwater

Anne Arundel County, MD. Field oversight for the installation of replacement potable supply wells at homeowner residences, under direction of the County Bureau of Waste Management Services.

Joint Base Andrews, MD. Performed weekly and ad hoc stormwater BMP inspections, and environmental sampling activities, for the construction repairs and upgrades to Taxiway Whiskey, Joint Base Andrews, MD.

VA and MD. Performed NPDES stormwater inspection and reporting for industrial waste management facilities in VA and MD.

Solid Waste Services

Fredrick County Landfill, Winchester, VA. Oversaw drilling and assemblies for perimeter gas-probe monitoring well installation associated with expansion of landfill. Completed soil boring and well construction logs. Decided in the field on depth to set well screen based on soil type and porosity.