William J. Brandt

Education

BS – Environmental Studies, Virginia Commonwealth University, 2020

Professional Experience

As a full-time associate professional out of the Midlothian, Virginia office, William Brandt is responsible for working with SCS’s regional clients on environmental engineering projects related to landfill gas design and compliance at solid waste management facilities.

Since starting with SCS in December 2022, his work efforts have been focused on landfill and LFG studies, regulatory reporting, and monitoring projects. Mr. Brandt has been involved in LFG control projects throughout Virginia. Prior to his work at SCS, Mr. Brandt attended Virginia Commonwealth University in Richmond, Virginia where his studies focused on invasive species management and conservation around the James River.

Landfill Gas Management

**Shoosmith Sanitary Landfill, Chesterfield County, VA.** Performed surface emission monitoring and monthly wellfield monitoring and LFG system troubleshooting to improve collection efficiency. Assisted with preparation of Semi-Annual Reviews and organizes monthly data, prepares regulatory compliance notifications to VDEQ such as higher occupancy value letters and wellhead decommissioning letters. Assisted with updating the historical well-reading appendices for monthly and semi-annual reports.

**Rappahannock Regional Landfill, Stafford County, VA.** Performed well field monitoring and assisted in the evaluation of landfill infrastructure including wells, wellheads, orifice plates, header piping to identify and assess functional status. Helped conduct liquid level evaluations involved measuring the casing height, depth to bottom, and depth to liquid at select wellheads to determine potential flow restrictions.