JULIUS smead

Education

B.S. – Mechanical Engineering, University of Maryland, 2019

Specialty Certifications

Nuclear Gauge Safety Certification

USDOT Hazmat Certification

Certified CQA Geosynthetic Materials Inspector

Professional Experience

Mr. Smead has been employed by SCS since October 2019 as a Staff Professional. He has experience with AutoCAD Civil 3D design work and has been involved with landfill projects performing Construction Quality Assurance (CQA) inspection and documentation of soils and geosynthetics construction. Examples of his projects include:

Construction Quality Assurance and Inspection

**Danskammer Energy LLC, Orange County, Newburgh NY. Coal Ash Landfill Closure (13 acres)**. Field ash compaction testing utilizing a Nuclear Density Gauge and Geosynthetic Construction Quality Assurance.

**Millersville Landfill, Anne Arundel County, Severn MD. Subcell 9.2 Construction (16 acres)**. Review of contractor submittals. Field soil compaction testing utilizing a Nuclear Density Gauge.

**Millersville Landfill, Anne Arundel County, Severn MD. Cell 567 Replacement Cap (7 acres).** Field monitoring and documentation of Geosynthetic materials installation. Field monitoring of protective cover soil placement.

Landfill Engineering

**Frederick County Landfill and Solid Waste, Frederick County, Winchester VA.** Provided engineering services, including designing stormwater ponds and channels and conducting a siting study.

**Alpha Ridge Landfill, Howard County, Marriottsville MD.** Provided engineering services, including conducting redline SDP revisions, creating erosion and settlement control plan for the wood waste area, and conducting the settlement study and designing depression caps.