Andrew clark, PE

### Education

B.S. – Civil Engineering, Lehigh University, 1997

### Professional Licenses

Professional Engineer: Pennsylvania, Colorado

### Professional Experience

Mr. Clark serves SCS as a Senior Project Professional within the Landfill group. He has more than 20 years of experience with site planning, design, and environmental engineering projects. Examples of project experience include the following:

Landfill Engineering

St. Clair, PA, Blythe Recycling and Demolition Site: Engineer for various projects including:

* Prepared construction plans and calculations for a new 8-acre landfill cell, which included groundwater underdrain and leachate conveyance systems.
* Evaluated potential increase in attainable waste volumes for future landfill expansion.
* Prepared construction plans to retrofit the leachate collection system within the active cell.
* Prepared Annual Operation Reports, including site plans, and cross-sections.

**Lebanon, PA, Greater Lebanon Refuse Authority Landfill:** Engineer for various projects including:

* Hawryluk Farm Evaluation: Conducted preliminary site evaluation for adjacent landfill expansion. Reviewed existing site conditions and their potential impacts to future development, including setbacks, geology, an existing floodplain, and potential on-site wetlands.
* Developed plans and specifications for the construction of a new landfill cell approximately 10 acres in size, including stormwater management and erosion and sediment control.
* Developed plans and specifications to reclaim soil, and relocate legacy waste placed in an unlined area of the landfill to the active landfill working face.
* Prepared grading plans for a minor permit modification to complete the final closure on approximately 17 acres of landfill.

Kearny, NJ, Keegan Landfill: Prepared permit plans and conducted drainage study for a 100-acre landfill closure project. The site incorporated a synthetic cap, three drainage basins, and associated stormwater runoff conveyance features.

York, PA, Magnesita Residual Waste Landfill: Prepared permit renewal application for Class III Residual Waste Landfill.

**Jamesburg, NJ, Monroe Township Landfill:** Engineer for various projects including:

* Developed site plans and drainage design for leachate tank pad.
* Developed plans to repair settlement and ponded areas on the final cover and drainage swales on the closed landfill.

**Chicopee, MA, Chicopee Landfill:** Developed plans and specifications to repair settlement and ponded areas on the final cover and drainage swale on the closed and geosynthetic-capped landfill.

**Morgantown, PA, Conestoga Landfill:** Prepared Annual Operation Reports, including site plans, and cross-sections.

**York, PA, Modern Landfill:** Prepared Annual Operation Reports, including site plans, cross-sections, and airspace calculations.

Morgantown, PA, Conestoga Landfill: Performed Construction Quality Assurance (CQA) for landfill gas system infrastructure installation, including piping and well drilling.

York, PA, Modern Landfill: Performed Construction Quality Assurance (CQA) for the installation of leachate conveyance system infrastructure.

Oil & Gas

**Oil & Gas Well Pad Development, PA:** Lead Engineer for the design and permitting of multiple well pad sites. Site planning and design incorporated all aspects of the development, including the well pad, access road, grading, and associated stormwater and erosion control facilities.

Land Development

**Pilgrim’s Progress Wastewater Pretreatment System, Douglas, GA:** Engineer for wastewater lagoon. Designed groundwater underdrain system and prepared construction plans for liner system.

**Mountaire Farms Wastewater Lagoon, Millsboro, DE:** Engineer for wastewater lagoon. Designed groundwater underdrain system, and prepared construction plans for liner and venting systems.

**Sharp Shopper, Lancaster County, PA:** Project Engineer for shopping center complex approximately 20 acres in size. Site design consisted of a 100,000-sf anchor store and several building lots for future development. The project included site planning and design of access roads, utilities, grading, stormwater, and erosion control facilities.

**PGA Village, St. Lucie County, FL:** Lead Engineer for the development of multiple residential subdivisions within the PGA Village at the Reserve. Prepared construction plans for all aspects of the projects, including the design of roads, utilities, grading, and stormwater facilities.

**Majestic Airport Center II, Fulton County, GA:** Project Engineer for a 160-acre industrial development, which was to facilitate approximately 2,000,000 sf of gross floor area upon full build-out. The project included site planning and preparation of construction plans for the site infrastructure, including access roads, utilities, grading, stormwater, and erosion control facilities.

Other Experience

**SPCC/PPC Planning:** Prepared SPCC/PPC plans at various facilities throughout Pennsylvania.

**Environmental Compliance:** Implemented ISO 14001 Certified programs at multiple facilities, including manufacturing plants, marinas, lodging, and restaurants.

**Site Civil and Erosion Compliance Inspections:** Performed inspections to verify contractor compliance with approved civil and erosion control plans.