

## RYAN M. MAHON

### Education

MS – Civil and Environmental Engineering, University of Virginia, 2017

BS – Physics, Randolph College, 2015



### Professional Experience

As a Staff Professional, Ryan Mahon is responsible for completing a number of landfill, landfill gas (LFG), and stormwater management related tasks for a number of different clients. Since joining SCS, Mr. Mahon has contributed to landfill design and annual tasks, landfill gas design and LFG monitoring, and stormwater management design and field sampling.

Projects have typically involved landfill and landfill gas permitting, as well as construction level drawings and plans. Landfill tasks have also typically included construction and closure cost estimates. Mr. Mahon has completed field work at a number of landfills, a transfer station, and vehicle maintenance facility. Field work has included landfill gas monitoring and adjustment and stormwater sampling. Some examples

#### **Landfill Engineering and Landfill Gas Management**

**Chester, VA Shoosmith Sanitary Landfill.** Assisted in expansion cell design. Helped prepare yearly financial assurance documents and cut/fill mapping documents. Reviewed updated geosynthetic specifications and assisted on recent permit submittal. Performed new cell construction CQA, as well as closure construction CQA.

**Verona, VA Augusta Regional Landfill No.2.** Helped prepare yearly documents and cut/fill mapping. Assisted in construction cost estimates and permitting efforts.

**Bedford, VA Bedford County Landfill.** Aided permitting efforts with required calculations and drawings. Performed updates to financial assurance documentation.

**Dumfries, VA, Dominion Energy.** Assisted in recent construction drawing submittals by completing various drawings, mainly involving slope stabilization grading.

**Verona, VA, Augusta Regional Landfill No.2.** Completed landfill gas permit drawings, details, and calculations for recent permitting efforts.

**Dublin, VA, New River Resource Authority Landfill.** Performed LFG design for the most recent landfill gas expansion and landfill gas system repairs. Completed field work which included CQA of landfill gas system expansion and repairs, as well as, monthly wellfield monitoring.

#### **Stormwater Management**

**Charlottesville & Troy, VA, Republic Services.** Conducted stormwater management site evaluations for Republic owned sites. Handle Semi-annual stormwater sampling for these sites.

**Lexington, VA, Rockbridge County Fancy Hill Collection Center.** Assisted on the stormwater management design and calculations for recent construction drawings for the new collection center.