CARLOS l. rIveRA

Education

### B.S.E. – Mechanical Engineering, The Pennsylvania State University, 2019

Training / Certifications

John Zink Landfill Gas Flare School

Drilling Atop Lined Landfills Training by SCS Engineers

U.S. Army Engineer Basic Officer Leadership Course

Professional Experience

### Mr. Rivera is an Associate Professional with SCS Engineers based in the Harrisburg, Pennsylvania office. He is also a commissioned officer in the U.S. Army and a member of a Forward Engineer Support Team tasked with providing engineering oversight for the U.S. Army Corps of Engineers in theater operations. He has assisted in the design of construction drawing sets in AutoCAD, reviewed contract submittals for approval, has prepared as-built record documentation and Construction Certification Reports, and provided construction quality assurance to three gas collection and control expansion systems, as well as one partial final cap construction project.

Examples of Mr. Rivera’s project experience include:

**Republic Services Conestoga Landfill, Morgantown, PA –** Provided CQA for well drilling and pipe construction events, documented construction activities, organized documents for construction progress meetings and created documents for Monthly Landfill Gas SOP meetings. Created well liquid level and dewatering reports.

**Republic Services Modern Landfill, York, PA –** Created and organized documents for Monthly Landfill Gas SOP meetings. Created well liquid level and dewatering reports. Conducted field readings and maintenance activities.

**Republic Services Pine Avenue Landfill, Niagara Falls, NY –** Provided CQA for pipe construction events, documented construction activities, and organized documents for construction progress meetings.

**Greater Lebanon Refuse Authority, Lebanon, PA** – Provided CQA for a partial final cap construction project, documented construction activities, tracked repairs, destructs, seams, and other construction activities.

**Lanchester Landfill, Narvon, PA –** Provided part-time CQA services for vertical extraction well drilling to include monitoring drilling activities and gas collection piping installation.