

SAMUEL A. DEAN

Education

BA – Environmental Studies, Alfred University, New York, 1997

BA – Geology, Alfred University, New York, 1997

Specialty Certification

40-Hour HAZWOPER, OSHA 29 CFR 1910.120

Certified Confined Space Training, OSHA 29 CFR 1910.146

Certified-Nuclear Testing Equipment

Federal Register Method 9 VE Evaluator Certificate

Basic Industrial Electricity

LFG Collection and Control System Operator Training, Waste Management

Landfill Gas Management System (LGMS) Training, Waste Management

Variable Frequency Drive Operation and Design, Impact Training

Understanding and Tuning PID Control Loops, ISA Training

Project Management Boot Camp Course

Siemens Tia Portal Programming 1 Training

SCS Health and Safety Program and Requirements - Project & Site Specific Health & Safety Plan

Development & Preparation, Job Task Safety Analysis & Personal Protective Equipment

Assessment, Lockout/ Tag out procedures, & Behavior Based Safety Process & Observer

Professional Experience

Mr. Dean is a Senior Project Manager for our SCS's Remote Monitoring and Control business unit, with over 23 years of experience in the in solid waste and landfill gas (LFG) management, including remote monitoring, supervisory control and data acquisition (SCADA), control systems, LFG operation and maintenance (O&M) of the landfill gas collection and control systems (LFGCCS).

Mr. Dean has managed LFG system design, which includes system layout and design calculations, construction specifications preparations, construction management and construction's quality assurance management (CQA). He has managed wellfield operations services including LFG well monitoring, extraction well balancing and adjustment, blower/flare station data collection and adjustment/maintenance, condensate system/sump maintenance, perimeter probe monitoring, groundwater well monitoring, surface emissions monitoring and non-routine scheduled repairs (leaks, pipe repair, etc.). He has provided maintenance and repairs on extraction pumps, pneumatic condensate sump pumps, thermocouple and electric component replacements.

Mr. Dean has also managed control system projects including design, panel fabrication, programming testing, commissioning and operations support.

Project Experience

3 Springs Water Company, 3 Springs Company, Laurel Run, PA. Design, Controls

Advance Disposal, Western Berks Landfill, Birdsboro, PA. Design

Chrin Brothers, Chrin Landfill, Easton, PA. Design and controls

Chemical Waste Management, Adams Center Landfill, Fort Wayne, IN. Controls

CID Recycling & Disposal Facility Waste Management, CID Landfill, Calumet, IL. Controls

Commonwealth Environmental Systems, Commonwealth Landfill, Hegins, PA. Landfill gas operations, maintenance and monitoring, design and controls.

Cumberland County Improvement Authority, Cumberland County Landfill, Millville, NJ. Landfill gas operations, maintenance and monitoring, design and controls.

Keystone Sanitary Landfill, Dunmore, PA. Landfill gas operations, maintenance and monitoring, design and controls.

Lancaster County, Frey Farms Landfill, Conestoga, PA. Design

MRWMD, Monterey Regional Waste Management District, Monterey, CA. Controls

Republic Services, Conestoga Landfill, Morgantown, PA. Controls

Salem County Improvement Authority, Salem County Landfill, Alloway, NJ. Landfill gas operations, maintenance and monitoring, design and controls.

Sussex County, Sussex County Landfill, Lafayette, NJ. Design

Waste Connections, Bethlehem Landfill, Bethlehem, PA. Controls

Waste Management, Alliance Sanitary Landfill, Taylor, PA. Design and controls

Waste Management, American Landfill, Waynesburg, OH. Controls

Waste Management, Charleston Landfill, Charleston, WV Controls

Waste Management, Dauphin Meadows Landfill, PA. Controls

Waste Management, Grand Central Landfill, Pen Argyl, PA. Landfill gas operations, maintenance and monitoring, design and controls.

Waste Management, GROWS Landfill, Morrisville, PA. Design and controls

Waste Management, Keystone Landfill, Littlestown, PA. Landfill gas operations, maintenance and monitoring, design and controls.

Waste Management, Lake Charles Landfill, Sulfur, LA. Controls

Waste Management, Middle Mar-Tee Landfill, Cape May, NJ. Design

Waste Management, Medley Landfill, Medley, FL. Controls

Waste Management, Naples Landfill, Naples, FL. Controls

Waste Management Phoenix Resources Landfill, Wellsboro, PA Monitoring, Controls

Waste Management, Pine Bluff Landfill, Ball Ground, GA. Controls

Waste Management, Pottstown Landfill, Pottstown, PA. Controls

Waste Management, Tullytown Landfill, Morrisville, PA. Design, Controls

Waste Management, Pappy's Landfill, Joppatowne, MD. Controls

Zebra Renewables, Ricardone Landfill, Rosario, Argentina, Design