

KEN S. BRYNDA

## Education

BS – Biological Sciences, Illinois State University

## Specialty Certifications

40-Hour HAZWOPER, OSHA 29 CFR 1910.120

Manager of Landfill Operations (MOLO) SWANA (No. 92493)

Drilling Atop Lined Landfills

Elevated Temperature Landfills Training

Certified John Zink Landfill Gas Flare School

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  
SCS Standards of Business Conduct & Ethics

## Professional Affiliations

Solid Waste Association of North America (SWANA), Landfill Gas Technical Division

## Professional Experience

As the Midwest Region Quality Advisor, Ken Brynda is responsible for providing and supporting project quality assurance, peer review, regulatory interpretation determinations, technical training and wellfield data review in support to the various SCS Field Services project teams and clients across the Midwest.

Mr. Brynda has been involved in the landfill gas (LFG) industry in various capacities since 1987, performing fieldwork at approximately 190 landfills. He has completed numerous project quality support evaluations and performed assessments of LFG collection and control systems (LFGCCS). He has also served as both a project manager and a construction project manager, managed a 3.3 MW LFG to Energy (LFGE) turbine project, provided technical training to internal SCS personnel and external clients, managed regulatory environmental compliance and prepared regulatory compliance report submittals for numerous municipal and private landfill and LFGE clients.

## Project Experience

**Landfill Gas Wellfield Assessments.** He has performed more than 60 LFG wellfield assessments in various states. When a site has experienced LFG odor or migration issues, or when the volume of LFG being collected has not met expectations based on gas production models or gas curves, Mr. Brynda has applied his expertise. By thoroughly evaluating and troubleshooting the wellfield system components, he has been able to make recommendations for improvements through system design changes, the addition of new or replacement extraction wells in key areas, physical system improvements, or changes to protocols applied to tuning the wellfields.

**Management and Training of Wellfield Operations and Maintenance Personnel.** Mr. Brynda has provided training, supervision, scheduling, and management of wellfield monitoring personnel throughout his career. Roles have included client interfacing, project management, regulatory compliance, wellfield data review, compliance reporting, training of new wellfield personnel and

client representatives in proper wellfield monitoring procedures, and wellfield tuning theory and wellfield data management. Mr. Brynda has provided LFG wellfield technician training for more than 50 clients in various states.

**Project Quality Support Evaluations.** As a Regional Quality Advisor for SCS Field Services, Mr. Brynda has led the division's Quality Support Team project Quality Support Evaluation efforts, which were focused internally on SCS Field Services OM&M, construction, and energy projects. The evaluations involved time in the field at project sites shadowing, interviewing, and reinforcing training with wellfield personnel. Findings from each evaluation were discussed with project teams, tracked for resolution through closure, and then compiled so results could be trended and analyzed. Mr. Brynda has performed Quality Support Evaluations of SCS personnel working on sites throughout the Midwest.

**Construction Project Management.** Mr. Brynda has served as a construction project manager/supervisor on numerous LFGCCS installation/expansion projects for several clients in various states. Duties included project bidding, material acquisition, scheduling material delivery, scheduling construction crew activities, field modifications of design when needed, supervision of personnel and budget, invoicing, and maintaining communications with clients throughout each phase of construction.

**Gas Recovery Plant Management and Operations.** Mr. Brynda served as Manager of Gas Recovery for three years at an active solid waste landfill responsible for O&M of a 3.3 MW LFGE project, including compliance issues associated with a LFGCCS comprised of 80 LFG extraction wells, a blower/flare station, a fuel gas compressor skid, and a LFG-fueled turbine. Responsibilities also included plant budgeting, invoice payments, contractor scheduling, project and personnel management, wellfield expansion design, wellfield technician training, and post-closure care and maintenance (the landfill closed when it reached permitted capacity).

**Environmental Compliance Project Management.** Mr. Brynda has provided environmental compliance assistance to several LFGE facilities and Title V landfills in several states (CA, CT, IL, KS, KY, MI, MO, OH, OK, NJ, NY, PA, TN and TX). He has actively worked to prepare Semiannual Title V, NSPS and MACT SSM Reports as well as Annual Compliance Certifications.

**Landfill Gas Collection and Control System Design.** Mr. Brynda has provided initial design and support calculations for several LFGCCSs. LFGCCS designs have included: LFG extraction well placement, preparation of proposed well schedules (total well depth, amount of slotted and solid well casing), collection header sizing and routing, pressure drop analysis, design and placement of condensate management structures, material specifications and end use equipment sizing. In association with LFG wellfield assessments and troubleshooting, he has often provided remedial designs to improve LFGCCS efficiency.