

## CHRIS D. FOLAND, PROJECT MANAGER

### Specialty Certifications

8-Hour Hazardous Site Supervisor Training, OSHA 29 CFR 1910.120  
40-Hour Health and Safety Training, OSHA 29 CFR 1910.120  
20-Hour Confined Space Training, OSHA 29 CFR 1910.146  
Certified Polyethylene Fabrication Specialist  
Certified Sentry Gas Monitoring System Technician  
Certified Sur-Lite Flare Systems Operator  
Certified Competent Person Awareness for Trench/Excavation Safety  
OM&M Supervisor Training - Establishing a Culture of Safety  
SCS Health and Safety Program and Requirements - Project & Site Specific Health & Safety Plan  
Development & Preparation, Injury & Illness Prevention Plan (IIPP), Job Task Safety Analysis &  
Personal Protective Equipment Assessment, Lockout/Tag out procedures, & Behavior Based Safety  
Process & Observer  
SCS Standards of Business Conduct & Ethics



*Chris Foland*

### Professional Experience

Mr. Foland has over three decades of experience in LFG control and field supervision and implementation of environmental gas testing, monitoring, and construction services. He conducts field activities in energy resource development for municipal and industrial solid waste site owners and operators, as well as site developers.

Mr. Foland performs LFG construction projects for large public, private waste firms, gas developers, and municipalities and is experienced in every aspect, including design, plan check, cost estimating, project management, oversight of LFG control/recovery system construction, including installation of extraction wells, trench excavation, high-density polyethylene (HDPE) pipe fusion, header line survey and placement, installation of condensate holding tanks, pumps, blowers, and flares (including concrete pads and electrical). He monitors and operates gas recovery collection systems and recovery process plants at landfill sites, participates in landfill gas recovery potential evaluation testing, operates various types of instruments, meters, measuring devices, analytical equipment for landfill gas migration and control system evaluation and control testing. He performs routine preventative maintenance and lubrication services, maintained plant records, readings, reports, inventories, and plant startup, shutdown, and maintenance overhauls, being on-call for plant failures 24 hours a day, 7 days a week for repairs.

He is responsible for a landfill gas recovery and gas-to-energy project at the Pacific Palms Conference and Resort in City of Industry, California. This project includes operation of two 1 MW Jenbacher generators.

Mr. Foland also has experience with air sampling, meteorological assessment testing, probe installation, remedial action work in compliance with state and local air quality control regulations, including California Health and Safety Code Section 41805.5 (Calderon) and South Coast Air Quality Management District (SCAQMD) Rules 1150.1 and 1150.2 for control of gaseous emissions from landfills. Typically, tasks entail planning, scheduling, coordination of labor and equipment resource allocation for air and gas testing projects, as well as laboratory interface and analysis and scheduling.

He also performs and supervises fabrication, calibration, and maintenance of precision air sampling equipment, meteorological monitoring systems, and other instrumentation used for air and gas testing. He has provided technical training, ensures quality assurance/quality control (QA/QC) procedures that includes field sampling, data collection, record keeping and chain-of-custody. Notable projects that Mr. Foland has been involved in are described below.

**Bali Management, Inc., Ponderosa West Condominium Complex, Torrance, CA.** Test on quarterly basis for presence of landfill generated methane gas and submit reports.

**BKK Working Group, BKK Landfill, West Covina, CA.** Responsible for collecting 1150.1 ambient air samples, sampling of groundwater wells, steam turbines and soil. He was also involved in dewatering of a Class I Hazardous Waste Landfill, and responsible for monitoring gas wells and troubleshooting the gas system. Other activities included operation, inspection, and maintenance of treatment of machinery and equipment; observation of operating conditions, and interpretation of tests and calculations. He performed daily laboratory analysis on samples collected from each phase of the treatment process, monitoring and regulating flows, and adding chemicals to ensure compliance with effluent quality standards.

**City of Industry, Industry Hills Landfill, City of Industry, CA.** Provide operation and maintenance on the landfill gas system, monitor condensate system, monitoring of gas wells, gas probes monitoring, repairs to data recorder system, installation of sump pumps and gas lines and repairs as needed. Provide quarterly clearing of brush throughout the site.

**Watson Biogas, Ascon Landfill, Wilmington, CA.**

**San Bernardino County, Barstow Sanitary Landfill, Barstow, CA.** Routine operations, maintenance and monitoring. This includes well monitoring, above-ground header inspection, well data upload, well adjustments and re-monitoring, blower station inspection and monitoring, sampling, perimeter probe monitoring, instantaneous surface monitoring, reporting, routine monitoring, meetings and project safety.

**San Bernardino County, Big Bear Sanitary Landfill, San Timoteo Landfill, Colton Landfill, Hesperia Sanitary Landfill, Mid Valley Landfill, CA.** Perform routine and non-routine operations, monitoring and maintenance of landfill gas (LFG) collection system.

**San Bernardino County, Milliken Sanitary Landfill, Ontario, CA.** Routine operations, maintenance and monitoring. This includes condensate sump inspection, well monitoring, above-ground header inspection, well data upload, deviation well adjustments and re-monitoring, blower station inspection and monitoring, landfill gas sampling for inlet and outlet, perimeter probe monitoring, instantaneous surface monitoring, sampling and analysis, blower/flare station component leak test.

**San Bernardino County, Heaps Peak Transfer Station, Running Springs, CA.** Provides operation and maintenance (O&M) of LFG systems including flare stations, condensate sumps, groundwater wells, treatment plants, blowers, air compressors, pump stations, gas well monitoring, and troubleshooting of gas systems, and carbon-activated systems. He was also responsible for collecting 1150.1 ambient air samples and for interacting for regulatory agencies and subcontractors. Mr. Cruz has also assisted in emergency call-outs and implementation of non-routine system upgrades.

**Vulcan, Hewitt Pit Landfill, North Hollywood, CA.** Provide monitoring of landfill gas wells, condensate sump pumps, perimeter probe monitoring, maintenance and support on the blower flare and repairs as needed.

**Waste Management, El Sobrante Landfill, Corona, CA.** Experience at this site includes well drilling, running laterals to gas wells, cleaning burners inside flare, and confined space work.