

## KEN BRYNDA

### Education

BS – Biological Sciences, Illinois State University

### Certifications

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations Emergency Response (HAZWOPER) 40-Hour Training Certification

Solid Waste Association of North America (SWANA) Manager of Landfill Operations (MOLO) Landfill Technical Associate Certification (No. 92493)



*Ken Brynda*

### Professional Affiliations

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

### Professional Experience

Mr. Brynda has 38 years of experience in the landfill gas industry, the past 17 with SCS, and has worked at over 200 landfills, performing landfill gas wellfield assessments, troubleshooting gas collection and control systems, training wellfield technicians, providing project and compliance management, in assisting clients (external and internal) in achieving their project goals.

As a Quality Advisor and Quality Support Team Member for SCS Field Services, he assists in developing and presenting standardized landfill gas OM&M training on wellfield monitoring and tuning theory. Mr. Brynda also maintains quality assurance standards, provides quality control reviews, and interprets wellfield data as a team member on several of SCS's largest and most complex landfill gas OM&M projects nationwide.

### **Landfill Gas and Landfill Gas to Energy Project Experience**

**Magnolia Landfill, Summerdale, AL** - Provided monthly compliance data peer review.

**Three Corners Landfill, Piedmont, AL** - Provided monthly and quarterly compliance data peer review.

**Timberlands Landfill, Brewton, AL** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Brushy Island Landfill, Jacksonville, AR** - Performed wellfield assessment, provided troubleshooting assistance and recommendations to improve the volume of LFG extracted by the wellfield, and provided wellfield technician training.

**Legacy Landfill, Jonesboro, AR** – Assisted Craighead County Solid Waste Disposal Authority and their O&M consultant with guidance and data interpretation through a suspected subsurface oxidation event investigation and post-monitoring.

**Modelfill Landfill, Little Rock, AR** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Straw Floor Road Landfill, Jonesboro, AR** - Provided monthly compliance data peer review.

**Union County Landfill, El Dorado, AR** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Olinda Gas Recovery Facility, Brea, CA** - Provided environmental compliance assistance and prepared facilities' annual submittals to various California regulatory agencies. Designed a new inlet piping route to the LFGE plant, which improved the utilization of condensate knockout before the system processing equipment.

**Mountaingate Landfill, Los Angeles, CA** - Provided environmental compliance assistance and prepared the facility's annual submittals to various California regulatory agencies.

**County Line Gas Recovery, Littleton, CO** - Performed wellfield assessment. Served as Project Manager responsible for designing and installing LF GCCS modifications and performing wellfield monitoring and tuning and wellfield technician training supporting a 0.8 MW LFGE project.

**Danbury Municipal Landfill, Danbury, CT** - Performed wellfield assessment related to a proposed LFGE project.

**New Milford Gas Recovery, New Milford, CT** - Provided initial wellfield startup services. Performed wellfield assessment to determine the viability of a LFGE project. Provided wellfield technician training, installation and startup of process gas chromatograph, electric generation facility startup assistance, design and installation of LF GCCS expansion, and served as project manager and provided quality assurance (QA)/quality control (QC) for a 50 extraction well LF GCCS expansion. As Manager of Gas Recovery, was responsible for the O&M of a 3.3 MW LFGE project, including all process equipment (LFG fuel gas compressor skid, turbine/generator package, etc.). Responsibilities included plant budgeting, invoice payments, contractor scheduling, and project and personnel management. After the landfill closed, became responsible for post-closure care of the facility. Prepared the initial Startup, Shutdown and Malfunction (SSM) Plan for the facility.

**Cherry Island Landfill, Wilmington, DE** – Assisted the Delaware Solid Waste Authority personnel in setting up LFG extraction wells into the SCS DataServices data management platform. Provided new user training. Served as Client Project Manager.

**Pigeon Point Landfill, Newcastle, DE** - Performed wellfield assessment and evaluation of a project related to an energy firm's interest in claiming alternative fuel tax credits.

**Central Sanitary Landfill Gas Recovery, Pompano Beach, FL** - Performed wellfield assessment, provided wellfield technician training, repaired process gas chromatograph, managed construction crew in connecting 20 new LFG extraction wells to the existing LF GCCS, assisted in maintenance of fuel gas compressors and turbine equipment in a 15 MW LFGE project.

**Girvin Road Landfill Gas Recovery (East Duval County Landfill), Jacksonville, FL** - Provided wellfield startup, wellfield assessment and troubleshooting, gas chromatograph installation and startup, and wellfield technician training supporting a 3.2 MW LFGE project.

**Gulf Coast Landfill, Fort Meyers, FL** - Provided initial wellfield startup services, performed a wellfield assessment, and provided wellfield technician training and technical support to wellfield O&M personnel.

**Medley Landfill, Florida City, FL** - Supervised a construction crew and assisted in installing a 50-well LF GCCS as an equipment operator and HDPE pipe fusion technician.

**North County Resource Recovery Facility, West Palm Beach, FL** - Prepared wellfield expansion design and support documentation for the Solid Waste Authority of Palm Beach County for the Class I Landfill, Cells 5 and 6 closure.

**North Jacksonville Landfill, Jacksonville, FL** - Performed wellfield assessment and troubleshooting of a 78-well LF GCCS, assisted in the startup of a medium Btu direct LFG gas sales project, and provided technical support to wellfield O&M personnel.

**South Dade County Landfill, Goulds, FL** - Performed LFG flow measurement instrumentation assessment, and provided technical support to wellfield O&M personnel.

**Sunbeam Landfill, Jacksonville, FL** - Performed wellfield assessment supporting a 0.8 MW LFGE project, troubleshooting, wellfield technician training, and assisted in extinguishing a subsurface oxidation.

**Trail Ridge Landfill, Baldwin, FL** - Provided initial wellfield startup and wellfield technician training and technical assistance to construction quality assurance (CQA) personnel.

**Augusta Richmond County Dean's Bridge Road Landfill, Blythe, GA** - Performed data review/wellfield assessment and provided summary of findings and recommendations for improved LFG extraction to site wellfield personnel.

**BJ Gas Recovery, Norcross, GA** - Performed wellfield assessment to determine the viability of a LFGE project; provided troubleshooting, wellfield technician training, and startup of process gas chromatograph; performed a LFG migration assessment and prepared a LF GCCS expansion design supporting a 2.4 MW LFGE project.

**Eagle Point MSW Landfill, Ball Ground, GA** - Prepared initial LF GCCS design and support documentation for existing phases of the landfill and final LF GCCS design for permitting.

**Morgan Falls Landfill, Dunwoody, GA** - Assisted in installing a 70-well LF GCCS related to a golf course installation over a closed landfill.

**Oak Grove Speedway Landfill, Winder, GA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Pine Ridge Landfill, Griffin, GA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Richland Creek Road Landfill, Buford, GA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Central Disposal Systems, Inc., Lake Mills, IA** - Performed CQA on drilling and installation of LFG extraction wells and LF GCCS expansion.

**Dickinson County Landfill, Spirit Lake, IA** - Assisted in preparing LF GCCS expansion design.

**Loess Hill Landfill, Malvern, IA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to sites wellfield personnel.

**Metro Methane Recovery, Mitchellville, IA** - Provided QA/QC on drilling and installation of wells for a LF GCCS expansion, provided wellfield technician training, and troubleshooting of facility's gas chromatograph, supporting a 4.8 MW LFGE facility. Performed wellfield assessment related to identifying and correcting oxygen intrusion issues and provided recommendations for improved LFG extraction.

**CID Gas Recovery, Calumet City, IL** - Performed wellfield assessment, conducted hydrogen sulfide testing of LFG, monitored and tuned wellfield, performed NSPS surface scan, provided wellfield technician training, and process gas chromatograph repair, supporting a 9.9 MW LFGE project.

**Congress Development Company Landfill, Hillside, IL** - Conducted a walk-through assessment of three blower/flare stations. Also, provided the client with recommendations for improved LFG flow and improved control of LFG.

**Davis Junction Landfill, Davis Junction, IL** - Prepared Annual Progress Report for Allied Waste on the Rockford Electric Landfill Gas Recovery facility operated by Gas Recovery Systems, LLC. The project scope included production data assessment and operations personnel interviews to confirm and review plant and field operations.

**DeKalb County Recycling and Disposal Facility, DeKalb, IL** - Served as construction project manager on a project to expand the existing LF GCCS. Prepared successful bid to win the project, secured materials and equipment for the project, scheduled materials delivery, well drillers and construction crew activities, and interfaced with client throughout the project until successful completion.

**Five Oaks Recycling and Disposal Facility, Taylorville, IL** - Provided engineering assistance, prepared pipe pressure drop calculations, evaluated existing LF GCCS, and recommended changes in existing and future designs for the LF GCCS. Evaluated the existing LFG blower capacity and recommended changes to allow for greater flow capacity.

**Greene Valley Gas Recovery, Naperville, IL** - Provided calibration and troubleshooting services of the facility's gas chromatograph/flow computer system, provided assistance in extinguishing a subsurface oxidation, prepared an action plan for extinguishing and monitoring subsurface oxidation, assisted with LF GCCS monitoring, supporting a 6.6 MW LFGE project.

**GSF - Blue Island Gas Recovery, Blue Island, IL** - Evaluated abandonment of gas transmission pipeline extending from a mothballed GSF facility to end users at an oil refinery and a paper mill.

**Harbor View Landfill, Chicago, IL** - Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project quality issues supporting SCS's project team and our contractual obligations, all to maximize client satisfaction.

**Kankakee Gas Recovery, Chebanse, IL** - Provided calibration and troubleshooting services of the facility's gas chromatograph/flow computer system, supporting a 1.6 MW LFGE facility, and performed Tier II LFG sampling.

**K&H Disposal Landfill, Donovan, IL** - Provided monthly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction.

**Lake Gas Recovery, Northbrook, IL** - Performed wellfield assessment, assisted with LF GCCS monitoring and tuning, and provided calibration and troubleshooting services for the facility's gas chromatograph/flow computer system, supporting a 13.2 MW LFGE project.

**Laraway Landfill, Elwood, IL** - Performed wellfield assessment, which included troubleshooting and evaluating underperforming LFG extraction wells.

**Livingston Landfill, Pontiac, IL** - Performed wellfield monitoring, provided assistance in extinguishing a subsurface oxidation, and assisted in a gas migration study; also served as construction project manager on a small, soil well tie-in project.

**Mallard Lake Landfill, Hanover Park, IL** - Prepared Annual Progress Report for Allied Waste on the Landfill Gas Recovery facility operated by Gas Recovery Systems, LLC. The project scope included site assessment to confirm and review physical improvements and observe actual plant and field operations.

**Milam Gas Recovery, Madison, IL** - Performed startup of process gas chromatograph and provided wellfield technician training supporting a 2.4 MW LFGE project.

**Pekin Metro Landfill, Pekin, IL** - Performed LFG assessment and in-refuse LFG probe/vent sampling.

**Prairie Hill Recycling and Disposal Facility, Morrison, IL** - Served as construction project manager on a project to expand the existing LF GCCS. Prepared successful bid to win the project, secured materials and equipment for the project, scheduled materials delivery, well drillers and construction crew activities, and interfaced with the client throughout the project, until successful completion.

**River Bend Prairie Landfill, Dolton, IL** - Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project quality issues supporting SCS's project team and our contractual obligations, all to maximize client satisfaction.

**SCA Wilsonville, Wilsonville, IL** - Performed gas sampling of an "unknown" emanating from a single vent utilizing a portable gas chromatograph.

**Settler's Hill Gas Recovery, Batavia, IL** - Provided calibration and troubleshooting services of the facility's gas chromatograph/flow computer system, and assisted with LF GCCS monitoring, supporting a 6.6 MW LFGE project.

**South Chain of Rocks Landfill, Granite City, IL** - Performed a site compliance audit focusing on regulatory, health and safety and project management issues. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction.

**Tazewell Gas Recovery, East Peoria, IL** - Served as construction project manager for a wellfield construction project, entailing the installation of a new condensate knockout vessel, associated with a new blower/flare skid. Prepared successful bid to win the project, secured materials and equipment for the project, scheduled materials delivery and construction crew activities, and interfaced with the client throughout project, until successful completion. Provided calibration and troubleshooting services of the facility's gas chromatograph/flow computer system, supporting a 1.6 MW LFGE project.

**Tri-County Landfill, South Elgin, IL** - Performed wellfield assessment, and provided training and support to wellfield O&M personnel.

**Wheatland Prairie Landfill, Plainfield, IL** - Performed in-refuse LFG probe/vent sampling.

**Whiteside County Landfill, Morrison, IL** - Performed initial wellfield startup, monitoring of LF GCCS, and provided wellfield technician training. Prepared wellfield Operations and Maintenance manual.

**Woodland Gas Recovery, South Elgin, IL** - Provided calibration and troubleshooting services of the facility's gas chromatograph/flow computer system, and assisted with LF GCCS monitoring, supporting a 1.6 MW LFGE project.

**Blackfoot Landfill, Winslow, IN** - Provided quarterly compliance data peer review.

**Clark-Floyd Sanitary Landfill, Borden, IN** - Performed wellfield assessment and provided wellfield technician support.

**Clinton County Landfill, Frankfort, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Assisted in extinguishing a subsurface oxidation, providing wellfield data review and guidance to site personnel during the post-event monitoring.

**County Line Landfill, Argos, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction.

**Deercroft Gas Recovery, Michigan City, IN** - Performed initial wellfield startup and a wellfield assessment to determine the viability of a LFGE project; provided wellfield technician training, troubleshooting of gas chromatograph/flow computer system, supporting a 2.4 MW LFGE project; also performed NSPS surface scan.

**Griffith Landfill, Griffith, IN** - Performed wellfield assessment, troubleshooting, and evaluation of a LF GCCS. Prepared remedial design and engineer's cost estimate for modification of the LF GCCS piping in response to an issue involving an extreme pressure drop through the LF GCCS.

**Hoosier Landfill, Claypool, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**National Serv-All, Fort Wayne, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Newton County Landfill, Brook, IN** - Provided monthly and quarterly compliance data peer review. Performed site compliance audits focusing on regulatory, health and safety, quality, data, and project



management issues. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction on a wellfield with ETLF conditions and supporting a medium Btu direct LFG sales project. Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel. Provided technical classroom and hands-on training to new wellfield technicians.

**Prairie View Gas Recovery, Wyatt, IN** - Performed initial wellfield startup and a wellfield assessment to determine the viability of a LFGE project; provided wellfield technician training, identified and repaired problems with the facility's gas chromatograph, supporting a 2.4 MW LFGE project.

**Twin Bridges Gas Recovery, Danville, IN** - Performed wellfield assessment to determine the viability of a LFGE project; provided wellfield technician training, performed QA/QC of gas collection system expansion, assisted in LF GCCS expansion construction, supporting a 3.2 MW LFGE project.

**United Refuse Landfill, Fort Wayne, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Wabash Valley Landfill, Wabash, IN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Walnut Creek Landfill, Frankfort, IN** - Provided new wellfield and flare startup services. Collected baseline readings and coordinated supply of LFG to personnel working through and troubleshooting flare startup sequence.

**Wheeler Gas Recovery, Wheeler, IN** - Performed wellfield assessment to determine the viability of a LFGE project; provided startup of facility gas chromatograph, calibration of flow computer data transmitters, and wellfield technician training, supporting a 2.4 MW LFGE project; performed NSPS surface emissions monitoring scan.

**Forest View Landfill, Kansas City, KS** - Performed initial wellfield startup, performed a wellfield assessment to determine the viability of a LFGE project; also provided wellfield technician training.

**Indian Hills Landfill, Topeka, KS** - Provided monthly and quarterly compliance data peer review.

**Johnson County Landfill, Shawnee, KS** - Provided monthly and quarterly compliance data peer review. Performed a major due diligence wellfield assessment related to new owner acquisition.

**Oak Grove Landfill, Arcadia, KS** - Prepared semiannual and annual regulatory compliance reports for the client's use in submittal to regulatory agencies. Provided monthly compliance data peer review for project PM. Assisted with post-monitoring recommendations and data analysis related to a subsurface oxidation. Performed a wellfield data assessment and provided recommendations for improvement supporting a LFGE project.

**Reno County Landfill, Hutchinson, KS** - Provided monthly and quarterly compliance data peer review. Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to the site's wellfield personnel.

**Rolling Meadows Recycling and Disposal Facility, Topeka, KS** - Prepared semiannual and annual regulatory compliance reports for the client's use in submittal to regulatory agencies. Provided monthly

compliance data peer review for project PM. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Benson Valley Landfill, Frankfort, KY** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Hardin County Landfill, Elizabethtown, KY** - Provided monthly and quarterly compliance data peer review.

**Laurel Ridge Landfill, Lily, KY** - Performed wellfield assessment supporting a 3.2 MW LFGE project. Provided monthly and quarterly compliance data peer review.

**Ohio County Balefill, Beaver Dam, KY** - Wellfield monitoring, NSPS surface emissions monitoring, Annual NSPS Report preparation and submittal, Annual Title V Permit Compliance Certification Reporting, O&M wellfield technician support, prepared budgetary construction cost estimates.

**Woolworth Road Landfill, Keithville, LA** - Provided monthly and quarterly compliance data peer review. Performed a wellfield data assessment and provided recommendations for improvements supporting a LFGE project.

**Attleboro Landfill, Attleboro, MA** - Performed wellfield assessment supporting a 1.6 MW LFGE project. Prepared assessment report with recommendations for improved LFG extraction and metering.

**East Bridgewater Landfill, East Bridgewater, MA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Hunt Road Landfill, Amesbury, MA** - Performed initial wellfield startup, wellfield assessment, and wellfield technician training, provided startup of process gas chromatograph and flow computer associated with a leachate evaporation flare.

**Oaks Sanitary Landfill, Layonsville, MD** - Performed wellfield assessment in the evaluation of a project related to an energy firm's interest in claiming alternative fuel tax credits.

**Adrian Landfill, Adrian, MI** - Provided monthly and quarterly compliance data peer review. Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project quality issues supporting SCS's project team and our contractual obligations, all to maximize client satisfaction.

**Arbor Hills, Northville, MI** - Assisted in performing a historical data review and wellfield assessment as part of a due diligence evaluation.

**C&C Expanded Sanitary Landfill, Marshall, MI** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Central Sanitary Landfill, Inc., Pierson, MI** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.



**Eagle Valley Landfill, Orion, MI** - Prepared initial LF GCCS design and support documentation for existing phases of the landfill and final LF GCCS design for permitting.

**Forest Lawn Landfill, Three Corners, MI** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Manistee County Landfill, Manistee, MI** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Ottawa County Landfill, Port Clinton, MI** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Ottawa County Farms Landfill, Coopersville, MI** - Performed NSPS wellfield monitoring. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction. Provided monthly and quarterly compliance data peer review. Prepared a revised site-specific Health and Safety Plan for SCS Field Services personnel at this facility. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Richfield Landfill, Davison, MI** - Provided collection system troubleshooting services to identify problems in LF GCCS related to loss of available vacuum and an air leak supporting a high Btu direct gas sales project. Prepared and provided quarterly Surface Emissions Monitoring event summary reports to the client.

**South Kent Landfill, Byron Center, MI** - Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project quality issues supporting SCS's project team and our contractual obligations, all to maximize client satisfaction.

**Southeast Berrien County Landfill, Niles, MI** - Performed wellfield assessment and provided detailed recommendations for improved landfill gas collection and the standardization of wellfield and blower flare station data collection. Presented an introductory Landfill Gas Basics class to site wellfield, compliance, and operations personnel.

**Vienna Junction Industrial Park Sanitary Landfill (Vienna Junction Landfill), Erie, MI** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Venice Park Resources, Lennon, MI** - Performed wellfield assessment and provided wellfield technician training to support a 1.6 MW LFGE project.

**Westside Landfill, Three Rivers, MI** - Performed wellfield assessment to determine the viability of a LFGE project; also provided wellfield technician training to support a direct gas sales project.

**Whitefeather Development Landfill, Pinconning, MI** - Performed wellfield assessment and summarized findings and recommendations for improved LFG extraction to the site Environmental Manager.

**Woodland Meadows Gas Recovery, Wayne, MI** - Performed monitoring and tuning of the wellfield during the startup of a medium Btu direct gas sales facility.

**Becker County Landfill, Detroit Lakes, MN** - Provided wellfield startup assistance and performed wellfield O&M, wellfield assessment, and wellfield technician training.

**Edward Kraemer & Sons, Burnsville Landfill, Burnsville, MN** - Conducted initial LFG pump test on landfill, provided startup and assessment services of wellfield after installation, provided wellfield technician training, and assisted with 3.2 MW LFGE plant startup.

**Elk River Landfill, Elk River, MN** - Evaluated problems related to high hydrogen sulfide concentrations in newly drilled LFG extraction wells. Designed a LF GCCS to isolate the LFG with high sulfur content and divert the sulfur-rich gas away from the existing 3.2 MW LFGE project.

**Rolling Hills Landfill, Buffalo, MN** - Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction.

**Waste Disposal Engineering (WDE) Landfill, Andover, MN** - Provided wellfield startup assistance, performed wellfield O&M, wellfield assessment, and wellfield technician training.

**Black Oak Landfill, Hartville, MO** - Prepared semiannual and annual regulatory compliance reports for the client's use in submittal to regulatory agencies. Prepared HOV requests for client submittal to the Missouri Department of Natural Resources (MDNR). Performed a wellfield data assessment and provided recommendations for improvement supporting a LFGE project.

**Central Missouri Landfill, Sedalia, MO** - Performed a wellfield data assessment and provided recommendations for improvement supporting a proposed LFGE project.

**Champ Landfill, Maryland Heights, MO** - Performed a wellfield data assessment and provided recommendations for improvement supporting a proposed LFGE project.

**Farmer's Stone Products Landfill, Chillicothe, MO** - Provided monthly and quarterly compliance data peer review.

**Fred Weber, Inc. Sanitary Landfill, Maryland Heights, MO** - Provided wellfield data review and technician support. Prepared the initial facility MACT SSM Plan.

**Lee's Summit Landfill, Lee's Summit, MO** - Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Performed wellfield assessment and provided recommendations for improved wellfield tuning and LFG extraction. Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Oak Ridge Landfill, Ballwin, MO** - Performed a site Quality Evaluation focusing on regulatory, health and safety, wellfield operations, and project management issues.

**Rumble Landfill, Sugar Creek, MO** - Performed wellfield assessment and provided evaluation of LF GCCS supporting a medium Btu direct LFG sales project. Prepared semiannual and annual regulatory compliance reports for the client's use in submittal to regulatory agencies. Provided monthly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Assisted in preparing a Landfill Gas Corrective Action Plan to address a migration issue.

**Southeast Landfill, Kansas City, MO** - Performed wellfield assessment and evaluation of the gas collection system with recommendations for improvements related to the potential development of a LFGE project.

**Springfield Noble Hill Sanitary Landfill, Springfield, MO** - Assisted in investigating a suspected subsurface landfill fire. Provided recommendations to landfill personnel related to extinguishing the fire and post-fire monitoring. Performed quarterly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**St. Joseph Sanitary Landfill, St. Joseph, MO** - Provided monthly and quarterly compliance data peer review.

**Timber Ridge Landfill, Richwoods, MO** - Performed wellfield assessment and evaluation of GCCS with recommendations for improvements related to odor issues and loss of flow to the flare following the installation of a replacement flare skid. Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel. Performed a site Quality Evaluation focusing on regulatory, health and safety, wellfield operations, and project management issues.

**Little Dixie Landfill, Ridgeland, MS** - Performed wellfield data assessment and evaluation of GCCS performance with recommendations for improvements. Performed wellfield technician monitoring and tuning training. Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**New Hanover County Landfill, Wilmington, NC** - Performed a project site health and safety audit focusing on regulatory compliance, health and safety, documentation review, and project management.

**North Wake County Landfill, Raleigh, NC** - Performed a wellfield assessment and evaluation of the LF GCCS, providing recommendations for improvements, supporting a medium Btu direct landfill gas sales project.

**Onslow County Landfill, Jacksonville, NC** - Performed a wellfield data assessment and provided recommendations for improvement supporting a LFGE project.

**Bluff Road Landfill, Lincoln, NE** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Butler County Landfill, David City, NE** - Performed wellfield data assessment and evaluation of collection system performance with recommendations for improvements.

**Douglas County Landfill, Bennington, NE** - Assisted with LF GCCS expansion design. Performed wellfield assessment supporting a 3.2 MW LFGE project. Prepared semiannual and annual regulatory compliance reports for the client's use in submittal to regulatory agencies.

**L.P. Gill Landfill, Jackson, NE** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**State Street Landfill, Omaha, NE** - Provided wellfield troubleshooting assistance to correct available vacuum losses. Identified locations of concern and provided remedial solutions. Provided monthly and quarterly compliance data peer review. Prepared semiannual permit deviation reports and annual

compliance certification reports. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Turnkey Gas Recovery, Rochester, NH** - Performed initial wellfield startup and a wellfield assessment to determine the viability of a LFGE project; provided wellfield technician training and startup of facility gas chromatograph supporting a 3.2 MW LFGE project.

**Kearny Landfill, Kearny, NJ** - Performed wellfield assessment and technical support to wellfield O&M personnel to support a high Btu direct gas sales project. Provided environmental compliance assistance and prepared the facility's annual air emissions inventory for submittal to the New Jersey Department of Environmental Protection (DEP).

**Monmouth County Landfill, Tinton Falls, NJ** - Project Manager responsible for wellfield monitoring and tuning, wellfield technician hiring, training, management and support, LF GCCS troubleshooting, NSPS surface emissions monitoring, LF GCCS expansion design, supporting an 8.4 MW LFGE project. Prepared SSM Plans for the LF GCCS.

**Sanitary Landfill, Cinnaminson, NJ** - Performed wellfield assessment and troubleshooting of LF GCCS deficiencies.

**Caja del Rio Landfill, Santa Fe, NM** - Performed site compliance audits focusing on regulatory, health and safety, and project management issues.

**Camino Real Landfill, Sunland Park, NM** - Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Cerro Colorado Landfill, Albuquerque, NM** - Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Provided monthly compliance data peer review.

**Los Alamos County Landfill, Los Alamos, NM** - Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Rio Rancho Landfill, Rio Rancho, NM** - Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Provided monthly compliance data peer review.

**Chautauqua County (Ellery) Landfill, Jamestown, NY** - Performed wellfield assessments and evaluations of the LF GCCS with recommendations for improvements related to the potential development of a LFGE project.

**Fresh Kills Landfill, Staten Island, NY** - Performed a wellfield assessment supporting a direct sale high Btu landfill gas recovery project. Performed a LFG flow measurement instrumentation assessment. Provided environmental compliance assistance. Also assisted in preparing a wellfield O&M manual, and the LF GCCS SPCC and Contingency Plans.

**High Acres Gas Recovery, Fairport, NY** - Performed wellfield assessment supporting a 2.4 MW LFGE project.

**Mohawk Valley Gas Recovery, Frankfort, NY** - Performed wellfield assessment to determine the viability of a LFGE project; also provided wellfield technician training supporting a 1.6 MW LFGE project.

**Monroe-Livingston Gas Recovery, Scottsville, NY** - Performed wellfield assessment and provided wellfield technician training and gas chromatograph troubleshooting assistance supporting a 3.2 MW LFGE project.

**Akron Regional (Hardy Road) Landfill, Akron, OH** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**American Landfill, Waynesburg, OH** - Performed a wellfield assessment and provided recommendations for improved landfill gas extraction supporting a direct sale high Btu landfill gas project.

**Carbon Limestone Landfill, Lowellville, OH** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Provided technical classroom and hands-on training to new wellfield technicians related to working on an ETLF with an RNG project.

**County Environmental of Wyandot, Cary, OH** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Cherokee Run Landfill, Bellefontaine, OH** - Performed quarterly data review / wellfield assessment and summarized findings and recommendations for improved LFG extraction to the site Environmental Manager. Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project quality issues supporting SCS's project team and our contractual obligations, all to maximize client satisfaction.

**Countywide Landfill, East Sparta, OH** - Performed LFG sampling and provided wellfield assessment services and wellfield technician training. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**ELDA (Environmental Land Development Association) Gas Recovery, Cincinnati, OH** - Performed QA/QC on drilling and LFG gas extraction well installations, provided gas chromatograph/flow computer troubleshooting, data transmitter calibrations, supporting a medium Btu direct LFG sales project. Performed landfill Surface Emissions Monitoring. Provided compliance review of NSPS data submitted by wellfield monitoring personnel. Reviewed and submitted quarterly Explosive Gas Monitoring Data report to client. Prepared Monthly Operating Reports for a medium BTU direct gas sales project. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**EnviroSafe Services of Ohio, Oregon, OH** - Performed LFG migration assessments on three separate landfills.

**Evergreen Landfill, Northwood, OH** - Performed wellfield monitoring and tuning and provided technical support to wellfield O&M personnel.

**Fisher Road Sanitary Landfill, Columbus, OH** - Reviewed and submitted quarterly Explosive Gas Monitoring Data report to client.

**Hoffman Road Landfill, Toledo, OH** - Performed a site Quality Support Evaluation (QSE) focusing on regulatory compliance, health and safety, project management, data management, and overall project

quality issues supporting SCS's project team and our contractual obligations to maximize client satisfaction.

**Jackson Pike Sanitary Landfill, Columbus, OH** - Reviewed and submitted quarterly Explosive Gas Monitoring Data report to client.

**Lake County Solid Waste Facility, Painesville, OH** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues. Performed wellfield data review focused on improving landfill gas flow volumes.

**Lorain County I Landfill, Oberlin, OH** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Lorain County II Landfill, Oberlin, OH** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Pine Grove Landfill, Amanda, OH** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues. Performed wellfield data review focused on declining landfill gas flow volumes.

**Rumpke Landfill, Cincinnati, OH** - Performed a wellfield assessment supporting a direct sale high Btu gas project. Designed west slope LF GCCS expansion. Project manager on LFGE inlet piping re-design project. Provided environmental compliance assistance and prepared required plant and wellfield annual compliance submittals for submittal to Ohio EPA. Responsible for quarterly submittals demonstrating NSPS and Subtitle D compliance. Prepared LFGE plant SPCC Plan. Performed a LFG flow measurement instrumentation assessment.

**Seriff Road Landfill, Lima, OH** - Performed wellfield assessment related to solving a LFG migration issue.

**Statewide Landfill, Canton, OH** - Performed wellfield monitoring and tuning, troubleshooting, supporting a medium Btu direct gas sales project, and also provided technical support to wellfield O&M personnel.

**Suburban Landfill, Glenford, OH** - Performed wellfield monitoring and tuning and NSPS surface scan. Also provided technical support to wellfield O&M personnel.

**SWACO (Solid Waste Authority of Central Ohio) Franklin County Landfill, Columbus, OH** - Served as the construction project manager to expand the existing LF GCCS. Secured materials and equipment for the project, scheduled materials delivery and drillers and construction crew activities, prepared invoices and change orders and interfaced with the client throughout the project until successful completion.

**Tunnel Hill Reclamation Landfill, New Lexington, OH** - Performed a wellfield data assessment and provided recommendations for improvement supporting a proposed LFGE project.

**Alderson Landfill, Alderson, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.



**Broken Arrow Landfill, Porter, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Canadian Valley Landfill, Shawnee, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**East Oak Landfill, Oklahoma City, OK** - Provided wellfield technician training, performed LFG sampling for volatile organic compounds (VOCs) and total gas analysis.

**51<sup>st</sup> Street Landfill, Broken Arrow, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Fillsand Landfill, Oklahoma City, OK** - Performed wellfield data review / wellfield assessment and summarized findings and recommendations for improved LFG extraction to the site Project Manager. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Lawton Landfill, Lawton, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Mosley Road Landfill, Oklahoma City, OK** - Provided wellfield technician training and performed LFG sampling for VOCs and total gas analysis.

**Oklahoma City Landfill, Oklahoma City, OK** - Provided monthly and quarterly compliance data peer review supporting a medium Btu direct LFG sales project.

**Oklahoma Environmental Management Authority (O.E.M.A.) Landfill, Union City, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Pinecrest Landfill, Newcastle, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Pocasset Landfill, Pocasset, OK** - Provided quarterly compliance data peer review. Performed a site compliance audit focusing on perimeter gas probe data review, regulatory compliance, health and safety, and project management issues.

**Quarry Landfill, Tulsa, OK** - Performed a wellfield assessment to determine the viability of a LFG recovery project; provided LF GCCS troubleshooting and wellfield technician training.

**Southeast Oklahoma City Landfill, Oklahoma City, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Southern Oklahoma Regional Disposal (SORP) Landfill, Ardmore, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Performed data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Stillwater Sanitary Landfill, Stillwater, OK** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Conestoga Landfill, Morgantown, PA** – Performed monthly data review / wellfield assessment and summarized findings and recommendations for improved LFG extraction to the O&M project team. Provided technical wellfield training for site personnel.

**County Environmental of Clarion, Clarion, PA** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Greenridge Reclamation Landfill, Scottdale, PA** - Performed a wellfield odor assessment, provided wellfield technician training to support a leachate evaporation flare, and performed a third-party environmental compliance audit.

**GROWS (Geological Reclamation of Waste Services) Gas Recovery (Pennsbury Power Plant), Morristown, PA** - Provided wellfield technician training, troubleshooting gas chromatograph, supporting a 6.6 MW LFGE project.

**Lake View Gas Recovery, Erie, PA** - Performed a wellfield assessment and provided technician training supporting a 6.0 MW LFGE project.

**Lanchester Landfill, Narvon, PA** - Performed a wellfield data assessment to determine the viability of a landfill gas recovery project; provided collection system troubleshooting and technical support to wellfield O&M personnel. Evaluated options to modify an existing enclosed flare to increase flow capacity.

**Modern Landfill, York, PA** - Performed monthly data review / wellfield assessment and summarized findings and recommendations for improved LFG extraction to the O&M project team. Provided technical wellfield training for site personnel.

**Monroeville Landfill, Monroeville, PA** - Performed wellfield assessments and troubleshooting, provided technical support to wellfield O&M personnel, and assisted in extinguishing subsurface oxidation. Performed a due diligence assessment of the wellfield for a potential investor interested in gas recovery potential and return on investment. Project manager on remedial construction project designed to maximize flow from the wellfield through structured aggressive well tuning supporting a high Btu gas sales project.

**Northwest Sanitary Landfill, West Sunbury, PA** - Performed a wellfield assessment and provided wellfield technician training and LF GCCS troubleshooting, as well as recommended GCCS improvements.

**Pottstown Gas Recovery (Stowe Power Production Facility), Pottstown, PA** - Performed wellfield assessments, wellfield maintenance, troubleshooting process gas chromatograph, provided wellfield technician training, startup assistance on second fuel gas compressor skid and turbine package increasing the total LFGE plant capacity to 6.6 MW.

**Rolling Hills Landfill, Bowerstown, PA** - Performed wellfield assessment in evaluating a project related to an energy firm's interest in claiming alternative fuel tax credits.

**South Hills Landfill, Library, PA** - Performed wellfield data assessment and troubleshooting and provided technical support to wellfield O&M personnel.

**Tullytown Gas Recovery, Tullytown, PA** - Performed the startup of a gas chromatograph and provided wellfield technician training supporting a direct gas sales project.

**Valley Landfill, Irwin, PA** - Performed wellfield assessments and troubleshooting and provided technical support to wellfield O&M personnel. Performed a due diligence assessment of the wellfield for a potential investor interested in gas recovery potential and return on investment. Project manager on a remedial construction project designed to maximize flow from the wellfield through structured aggressive well tuning supporting a high Btu gas sales project.

**Westmoreland Landfill, Belle Vernon, PA** - Performed a wellfield assessment involving collection system troubleshooting to determine the viability of a LFGE project; provided technical support to wellfield O&M personnel.

**Central Landfill, Rhode Island Resource Recovery Corporation (RIRRC), Johnston, RI** - Performed wellfield data assessment and troubleshooting and provided technical support and training to wellfield O&M personnel. Performed quarterly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Landfill and Resource Recovery (L&RR), Inc. Landfill, North Smithfield, RI** - Performed a wellfield assessment and provided wellfield technician training and assistance in extinguishing a subsurface oxidation.

**Charleston Steel, Charleston, SC** - Performed a project site health and safety audit focusing on regulatory compliance, health and safety, documentation review, and project management.

**Lee County Landfill, Bishopville, SC** - Performed a project compliance audit focusing on regulatory, health and safety, and project management issues. Participated in wellhead integrity assessment.

**Palmetto Landfill, Spartanburg, SC** - Performed a wellfield assessment to determine the viability of a landfill gas recovery project; provided wellfield technician training; performed a LFG migration assessment; and provided assistance in extinguishing a subsurface oxidation.

**University Center, Rock Hill, SC** - Performed a project site health and safety audit focusing on regulatory compliance, health and safety, documentation review, and project management.

**Bi-County Landfill, Woodlawn, TN** - Performed a wellfield data assessment and provided recommendations for improvement supporting a LFGE project.

**Bordeaux Landfill, Nashville, TN** - Provided monthly and quarterly compliance data peer review.

**Bradley County Landfill, McDonald, TN** - Performed data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**Carter Valley Landfill, Church Hill, TN** - Provided monthly and quarterly compliance data peer review. Prepared HOV oxygen and temperature variance requests for the site's use in submittal to the Tennessee Department of Environment and Conservation (TDEC). Prepared a revised site-specific Health and Safety Plan for SCS Field Services personnel at this facility. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Cedar Ridge Landfill, Lewisberg, TN** - Performed wellfield assessment and LF GCCS troubleshooting. Prepared Initial Landfill Gas Management System Annual Report and Initial Flare Performance Test Results. Provided long-term technical support to facility wellfield personnel, assisted in extinguishing subsurface oxidation, and provided wellfield monitoring and tuning assistance. Prepared annual air emissions inventories and calculations of annual Title V fees. Prepared initial SSM Plan for the facility. Prepared annual Title V Compliance Certification report and semiannual Title V, NSPS, and MACT SSM reports for submission to TDEC. Assisted facility environmental compliance personnel in addressing regulatory issues. Prepared an updated LF GCCS master design, including preparation of all support documentation.

**Chestnut Ridge Landfill, Heiskell, TN** - Performed wellfield assessment and LF GCCS troubleshooting. Prepared annual Title V Compliance Certification report and semiannual Title V, NSPS, and MACT SSM reports for submission to TDEC. Prepared annual air emissions inventories and calculations of annual Title V fees. Provided long-term technical support to facility wellfield personnel, provided wellfield monitoring and tuning assistance, troubleshooting, and GCCS repairs. Provided troubleshooting assistance on process gas chromatograph, supporting a 3.2 MW LFGE project. Prepared initial SSM Plan for the facility. Assisted the facility's environmental compliance personnel in addressing regulatory issues.

**Eco Safe Landfill, Blountville, TN** - Performed monthly Yokogawa data conversion and review to determine runtime and flow. Prepared Annual Title V Emissions Fee Calculations and Air Emissions Inventory for TDEC submission.

**Iris Glen Environmental Center, Johnson City, TN** - Prepared Annual Title V Compliance Certification report and Semiannual Title V, NSPS, and MACT SSM reports for submittal to TDEC. Prepared annual air emissions inventories and calculations of annual Title V fees. Provided long-term technical support to wellfield O&M personnel and provided wellfield monitoring and tuning assistance supporting a medium Btu direct LFG sales project. Prepared initial SSM Plan for the facility. Assisted facility environmental compliance personnel in addressing regulatory issues.

**Meadow Branch Landfill, Athens, TN** - Performed a wellfield data assessment and provided recommendations for improved odor control and support of a LFGE project.

**Middle Point Landfill, Murfreesboro, TN** - Performed wellfield data assessment and evaluation of collection system performance with improvement recommendations. Performed wellfield technician monitoring and tuning training related to working on an ETLF. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues. Performed monthly data review/ wellfield assessment and summarized findings and recommendations for improved LFG extraction to site wellfield personnel.

**North Shelby Landfill, Millington, TN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Quail Hollow Landfill, Tullahoma, TN** - Prepared and issued Semiannual Title V Compliance and Annual Title V Certification Reports, prepared annual air emissions inventory, and provided technical support to wellfield O&M personnel. Assisted facility environmental compliance personnel in addressing regulatory issues supporting a leachate evaporation flare.

**South Shelby Landfill, Memphis, TN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Twin Oaks Landfill, Knoxville, TN** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Waste Management of Tennessee** - Assisted client in maintaining NSPS wellfield compliance on six (6) Tennessee landfills. Included daily contact with wellfield technicians to ensure monthly wellfield monitoring and quarterly surface emissions monitoring were performed, and that exceedances were identified, corrected, and re-monitored before the regulatory deadlines. Prepared HOV requests for submittal to the TDEC.

**West Camden Sanitary Landfill, Camden, TN** - Prepared and issued Semiannual Title V, NSPS, and MACT SSM Compliance reports and Annual Title V Certification Reports. Prepared annual air emissions inventories and calculated annual Title V fees. Performed NSPS and Sub-Title D monitoring and assisted in extinguishing subsurface oxidation. Provided long-term technical support to wellfield O&M personnel and wellfield monitoring and tuning assistance supporting a 6.0 MW LFGE project. Prepared LFG migration assessment. Prepared SSM Plan for the facility. Assisted facility environmental compliance personnel in addressing regulatory issues.

**Arlington Landfill, Arlington, TX** - Provided monthly and quarterly compliance data peer review. Performed a wellfield data assessment and recommended improvements supporting a LFGE project.

**Atascocita Landfill, Humble, TX** - Prepared Annual Air Emissions Inventory and Semiannual Deviation Reports. Provided environmental compliance assistance to the client and interfaced with Texas Commission on Environmental Quality (TCEQ) technical review personnel.

**Baytown Landfill, Baytown, TX** - Prepared Annual Air Emissions Inventory and provided environmental compliance assistance to the client, interfaced with TCEQ technical review personnel.

**Bluebonnet Landfill, Houston, TX** - Prepared Annual Air Emissions Inventory and provided environmental compliance assistance to the client, interfaced with TCEQ technical review personnel.

**Brownsville Landfill, Brownsville, TX** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Cefe Valenzuela Landfill, Corpus Christi, TX** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**City of Austin FM 812 Landfill, Austin, TX** - Provided monthly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**City of Conroe, Conroe, TX** - Prepared Annual Air Emissions Inventory and provided environmental compliance assistance to the client.

**Coastal Plains Landfill, Alvin, TX** - Prepared Annual Air Emissions Inventory and provided environmental compliance assistance to the client, interfaced with TCEQ technical review personnel.

**DFW Gas Recovery, Lewisville, TX** - Provided wellfield technician training supporting a 6.6 MW LFGE project.



**Greenshadow Landfill, Pasadena, TX** - Prepared Air Emissions Inventory for the facility and provided environmental compliance assistance to the client.

**Hawthorn Park Landfill, Houston, TX** - Prepared Air Emissions Inventory for the facility and provided environmental compliance assistance to the client.

**JC Elliott Landfill, Corpus Christi, TX** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**McCarty Road Landfill, Houston, TX** - Performed a wellfield assessment supporting a direct sale high Btu LFGE project. Provided environmental compliance assistance and prepared the facility's required annual compliance submittals for TCEQ.

**McCommas Bluff Landfill, Dallas, TX** - Performed wellfield assessments supporting a direct sale high Btu gas project. Provided monthly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Newton County Landfill, Deweyville, TX** - Prepared annual air emissions inventory and environmental compliance assistance for the client and interfaced with TCEQ technical review personnel.

**Seabreeze Environmental Landfill, Angleton, TX** - Provided monthly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Security Landfill, Cut-N-Shoot, TX** - Prepared Annual Air Emissions Inventory and Semiannual Deviation Reports and interfaced with TCEQ technical review personnel.

**Victoria Landfill, Victoria, TX** - Provided monthly and quarterly compliance data peer review. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues. Performed a wellfield data assessment and recommended improvements supporting a LFGE project.

**Waste Management of Houston, TX** - Assisted client in maintaining NSPS wellfield compliance on six (6) Houston area landfills. Daily contact with wellfield technicians to ensure wellfield monitoring and surface emissions monitoring were performed and exceedances were identified, corrected, and re-monitored before the regulatory deadlines.

**ECDC Landfill, East Carbon, UT** - Provided monthly compliance data peer review. Prepared a revised site-specific Health and Safety Plan for SCS Field Services personnel at this facility. Performed a project compliance audit focusing on regulatory, health and safety, and project management issues.

**Wasatch Landfill, North Skull Valley, UT** - Provided monthly compliance data peer review. Performed a site compliance audit focusing on wellfield data review, regulatory compliance, health and safety, and project management issues.

**Bristol Virginia Landfill, Bristol, VA** - Performed monthly data review/wellfield assessment and summarized findings and recommendations for improved LFG extraction to the O&M project team. Provided technical wellfield training for site personnel related to working on an ETLF. Performed a site Quality Support Evaluation focusing on regulatory compliance, health and safety, wellfield operations and management, project management, data management, and overall project quality issues, supporting the project team and our contractual obligations to maximize client satisfaction.



**Virginia Beach Sanitary Landfill, Virginia Beach, VA** - Performed wellfield assessment to determine the viability of a LFGE project; provided technical support to wellfield O&M personnel; responsible for weekly Btu reporting requirement to corporate office. Served as project manager on a LFG flow quantification/metering project.

**Brown County East Landfill, DePere, WI** - Performed wellfield assessment with recommendations for improved landfill gas collection and provided wellfield technician training.

**Brown County West Landfill, Hobart, WI** - Performed wellfield assessment with recommendations for improved landfill gas collection and provided wellfield technician training.

**City of Janesville Landfill, Janesville, WI** - Performed a wellfield assessment for the LF GCCS owner/operator supporting an on-site LFGE project. The objective was to discover issues related to a shortfall in the supply of LFG (fuel) to the reciprocating engine plant and to provide recommendations for increasing the amount of LFG recovered from the landfill.

**Columbia Energy Center, Portage, WI** - Performed a project site health and safety audit focusing on regulatory compliance, health and safety, documentation review, and project management.

**Cranberry Creek Landfill, Wisconsin Rapids, WI** - Performed a project site health and safety audit focusing on regulatory compliance, health and safety, documentation review, and project management.

**Dane County Rodefild Landfill Gas Recovery, Madison, WI** - Performed wellfield assessments and provided wellfield technician training supporting a 1.6 MW LFGE project. Provided "Landfill Gas Wellfield Monitoring and Tuning Theory" training to personnel from landfill operations, the County Solid Waste Department, and the local electric utility regarding their operation of the LF GCCS.

**Dane County Verona Landfill Gas Recovery, Madison, WI** - Performed wellfield assessments and provided wellfield technician training supporting a 0.8 MW LFGE project.

**Metro Gas Recovery, Franklin, WI** - Performed wellfield assessment, provided wellfield technician training, troubleshooting process gas chromatograph, startup assistance during installation of a second turbine at the facility, and QA/QC for LF GCCS expansion, supporting 6.6 MW LFGE project.

**Omega Hills Gas Recovery, Menomonee Falls, WI** - Troubleshooting and repairing process gas chromatograph, provided wellfield technician training supporting 9.9 MW LFGE project.

**Pheasant Run Gas Recovery, Bristol, WI** - Performed startup of facility's process gas chromatograph, troubleshooting collection system, assisted with new blower and flare sizing for supplemental landfill gas control, supporting a 2.4 MW LFGE project.

**Valley Trail Landfill, Berlin, WI** - Performed startup of facility's process gas chromatograph and flow computer supporting a medium Btu direct LFG sales project.

**Veolia Environmental Services, Milwaukee, WI** - Provided management and troubleshooting assistance and training for Veolia personnel in using an internet-based wellfield data management platform. Twenty-six (26) individual Veolia landfills were managing their wellfield compliance and GHG data in the data management platform.

**Short Creek Landfill, Wheeling, WV** - Provided monthly and quarterly compliance data peer review. Performed a site compliance audit focusing on regulatory, health and safety, and project management issues.

**Sheridan Landfill, Sheridan, WY** - Prepared wellfield Operations and Maintenance Plan.

## Presentations

Brynda, K., "SCSeTools" – Waste Connections Central Region Gas Management Meeting, Maryland Heights, MO, March 19, 2024

Brynda, K., "Landfill & Landfill Gas Technology Overview, Big Data – The Rise of the Machines," SCS Engineers 2023 Fall Solid Waste Seminar, Raleigh, NC, November 17, 2023.

Brynda, K., "LFG Wellfield Assessments," SCS Landfill University (Webinar), November 8, 2022.

Brynda, K., "Landfill Gas Wellfield Data Management at a Glance," SCS Solid Waste Seminar, Ellicott City, MD, October 7, 2022.

Brynda, K., "Landfill Gas Wellfield Data Management, at a Glance," SCS Landfill University (Webinar), July 26, 2022.

Brynda, K., "Landfill Gas Wellfield Data Management, at a Glance," Waste Connections Landfill Managers Meeting, The Woodlands, TX, March 1, 2022.

Brynda, K. and Albertson, Q., "YPs and New Technology for Managing Landfill Operations," SWANA Region 6 Conference, Roanoke, VA, August 25, 2021.

Brynda, K., "Landfill Gas Wellfield Data Management, at a Glance," Arkansas Environmental Federation Spring Land and Sustainability Seminar, Little Rock, AR, May 6, 2021.

Brynda, K., "Wellfield Data Management at a Glance," Iowa Recycling and Solid Waste Management Conference, Council Bluffs, IA, October 9, 2018.

Brynda, K., "Landfill Gas Data Management," SCS Engineers 6<sup>th</sup> Annual Fall Landfill Seminar, Charlotte, NC, October 13, 2017.

Brynda, K., "Tuning Wellfields Using a Balance Gas Threshold," SCS Engineers LFG Guru's Technical Meeting, Charleston, SC, March 25, 2017.