## Bryan Ross

### Education

B.S. Agronomy, Soil & Environmental Science

Kansas State University, 2007

### Specialty Certifications

40-Hour HAZWOPER

Nuclear Density Gauge

Hazardous Materials DOT

AHERA Asbestos Building Inspector, KS, MO, OK, AR, NE, IA

Asbestos Contractor/Supervisor

Mold Inspector and Remediation

Lead-Based Paint Inspector, KS, MO

Firefighter I, II, HAZMAT

### Professional Experience

Mr. Ross is an Environmental Project Professional in SCS’s Kansas City office with expertise in Quality Control, Environmental Site Assessments, Stormwater Compliance, Environmental Sampling, and Industrial Hygiene. Mr. Ross has 16 years of experience in both the private and state sectors.

Example project experience includes:

#### Stormwater Compliance and Spill Prevention

**Show-Me Ethanol:** Mr. Ross served as a stormwater Project Manager for a 60 million gallon per year ethanol facility located in Missouri. Mr. Ross reviewed monthly stormwater laboratory reports, complete and submit monthly, quarterly, and bi-annual NPDES reports, and provide recommendations to the facility to achieve and maintain compliance. During 2015, Mr. Ross conducted an iron assessment at the facility to determine the primary source of high iron concentrations in samples collected from stormwater outfalls. He also worked closely with the client and Missouri Department of Natural Resources during the NPDES renewal process to implement changes at the facility that reduced the sampling requirements in several of the facility outfalls. Mr. Ross completed a SWPPP review and update in April 2016 and January 2020 for the facility.

**Ray-Carroll Fuels:** Mr. Ross serves as a stormwater Project Manager for seven fueling facilities located in farming communities in Missouri. Mr. Ross completes annual stormwater reports, provide stormwater compliance assistance to the client, and coordinate laboratory sample containers to be delivered to the client for collection of stormwater from secondary containments.

**Fujifilm North America:** Mr. Ross serves as the Project Manager for Fujifilm located in Kansas City, MO. Mr. Ross completes quarterly and bi-annual stormwater reports and provides stormwater compliance assistance to the client. He has performed two SWPPP reviews and updates for the facility.

**Seaboard Energy:** Mr. Ross has provided stormwater compliance assistance for a 30 million gallon per year biodiesel production facility located in St. Joseph, Missouri. Mr. Ross has prepared and updated the facility’s SWPPP, provided employee SWPPP training, and assisted the facility with stormwater monitoring. Additionally, Mr. Ross has prepared construction stormwater permit applications for Seaboard renewable natural gas projects at concentrated animal feeding operations in Kansas.

**Stormwater Sampling:** Mr. Ross has 16 years of experience in collecting stormwater samples from industrial, municipal, and solid waste facilities for private and public clients in Kansas and Missouri.

**SWPPP Inspections:** Mr. Ross has performed monthly and annual SWPPP site inspections at a cement production facility located in Sugar Creek, MO. During the inspections, he inspected BMPs implemented at the facility and recommendations with the BMPs were insufficient, missing, or damaged. After each inspection, an inspection report would be completed and provided to the facility.

**SWPPP Preparations:** Mr. Ross has experience with preparing SWPPPs for a variety of types of NPDES permits for facilities located in Kansas and Missouri. Additionally, he has experience with preparing construction SWPPPs for land disturbance permits.

**SPCC Plan Preparations:** Mr. Ross has experience with preparing Spill Prevention Control and Countermeasure (SPCC) Plans for a variety of types of facilities located in Kansas and Missouri. Additionally, he has performed SPCC compliance inspections and provided SPCC training for clients.

#### Landfill

**Landfill Expansion Construction Quality Assurance; Kansas, Missouri, Colorado, Arkansas, and Mississippi:** Mr. Ross served as the Quality Control Technician during the construction of compacted clay and geosynthetic liners on eleven landfill expansion projects, totaling 150 acres. Sites include: Johnson County Landfill, Shawnee, KS; Hamm Sanitary Landfill, Perry, KS; Central Missouri Landfill in Sedalia, MO; Champs Landfill, St. Louis, MO; Riverbend Sanitary Landfill, Fayette, MS; and Cherokee Village Landfill, Cherokee Village, AR. Responsibilities included daily oversight of construction activities, nuclear density testing on compacted clay liner, and quality assurance on geosynthetic liner.

**Landfill Final Cover Construction Quality Assurance; Kansas and Missouri:** Mr. Ross served as the Quality Control Technician during the construction of a 41.5-acre Earthen Alternative Final cover at the Johnson County Landfill in Shawnee, KS. He also provided quality assurance during the construction of a 60-acre clay and geosynthetic final cover at Ellis Scot Landfill in Clinton, MO.

**Landfill Gas Extraction Wells Drilling Construction Quality Assurance; Kansas and Missouri:** Mr. Ross served as the Quality Control Technician during the installation of landfill gas extraction wells by drilling methods and installation of HDPE lateral piping for various landfills in Missouri and Kansas. These projects required a certified Asbestos Supervisor/Inspector to be on site to determine if the waste encountered contained asbestos. Sites include: Backridge Landfill, La Grange, MO; Johnson County Landfill, Shawnee, KS; and Ellis Scott Landfill, Clinton, MO.

**Boutwell Test Pads; Kansas and Missouri:** Mr. Ross assisted in the installation and monitoring of six compacted clay liner Boutwell test pads in Kansas and Missouri.

**Landfill Final Cover Monitoring; Kansas, Missouri, and Colorado:** Mr. Ross provided final cover post-closure care monitoring at eight landfills throughout Kansas, Missouri, and Colorado. Responsibilities include: vegetation assessments, soil fertility testing, lysimeter checks and maintenance, and erosion control.

#### Remediation

**Ft. Riley Military Base – Ft. Riley, Kansas:** Mr. Ross served as a Geoprobe Assistant at a jet fuel remediation site. His responsibilities included assisting the Geoprobe Operator with Regenox Injections and remediation oversight.

**KDHE Remediation Sites – Various Kansas sites:** Mr. Ross served as a team member during the construction of groundwater remediation systems at petroleum and chlorinated solvent sites throughout the state of Kansas. Mr. Ross also provides continuous O&M and groundwater support at the remediation sites.

**Xylene Remediation (private client) – North Kansas City, MO:** Mr. Ross serves as the lead technician on a xylene remediation site at an industrial facility in North Kansas City, MO. Responsibilities include removal of product from wells, maintenance of the remediation system, and ground water sampling.

**Hazardous Waste Landfill (private client) – Wichita, Kansas:** Mr. Ross has assisted in work relating to groundwater remediation at a hazardous waste landfill. His participation included pumping bioremediation solutions into contaminated groundwater and measuring water levels.

#### Environmental Sampling

**UST Closures:** Mr. Ross has conducted confirmation sampling during UST closure projects in the Kansas City metropolitan area. Project sites include retail gasoline service stations, public utilities, and emergency response when unknown, unregistered USTs are discovered. Mr. Ross has a thorough knowledge of regulatory reporting and sampling requirements. His experience includes collecting required soil and water samples, coordinating closure activities with subcontractors, providing guidance for over-excavation when appropriate, and corresponding with clients, property owners, and regulators.

**Groundwater Monitoring:** Mr. Ross has conducted groundwater monitoring events at various facilities in Kansas, Missouri, Oklahoma and Arkansas. His experience includes measurements of groundwater levels, purging of groundwater wells and sample collection.

**KCPL/Evergy Utility Waste Landfill Groundwater Monitoring; Missouri and Kansas**: Mr. Ross has performed the collection of groundwater using low-flow techniques at the LaCygne, Iatan, Montrose, and Sibley power generation plants and utility waste landfills.

**Leachate Monitoring:** Mr. Ross has conducted leachate sampling at several landfills in Kansas, Missouri, and Arkansas.

**Wastewater Monitoring**: Mr. Ross has conducted wastewater monitoring for Georgia-Pacific in Kansas City, MO.

**Hazardous Waste Characterization Sampling**: Mr. Ross has experience in collecting hazardous waste characterization samples at several private industrial facilities in Kansas and Missouri.

**Storm Water Collection and Reporting:** Mr. Ross has experience in collecting storm water at solid waste and industrial facilities throughout Kansas and Missouri. He also a project manager on several storm water projects with experience in storm water reporting.

**Soil Sampling:** Mr. Ross has experience collecting contaminated soil samples through the use of Geoprobe Direct Push hydraulic drilling unit. Most recently, Mr. Ross served as the lead field scientist during subsurface sampling at a former steel plant in Kansas City, MO. Additionally, he has conducted soil fertility testing in Colorado and Kansas and provided fertilizer recommendations for future vegetation.

**Tier II Landfill Gas Collection:** Mr. Ross has assisted in Tier II landfill gas collection and analysis on passive gas vents at a balefill landfill in Casper, WY. Additionally he has performed landfill gas collection through the use of a Geoprobe at landfills throughout Kansas and Missouri.

#### Industrial Hygiene and Safety

**Asbestos Building Inspection; Kansas, Missouri, and Oklahoma:** Mr. Ross performed building inspections for the presence of asbestos containing materials in private and public buildings and assisted in report writing and abatement recommendations.

**Lead-Based Paint Inspection; Missouri, Kansas:** Mr. Ross performed lead-based paint inspections for the private buildings and assisted in report writing and abatement recommendations.

**Ambient/Indoor Air Quality Monitoring; Kansas, Missouri, and Nebraska:** Mr. Ross performed air quality assessments for both private and public sectors. These assessments include mold inspections, dust exposure, noise exposure, toxic gasses exposure, and odor control. Mr. Ross has experience with both individual and stationary industrial hygiene monitoring equipment.

**Machine Guarding Assessment; Illinois:** Mr. Ross conducted a machine guarding assessment on more than 200 machines at a glass manufacturing facility in Dolton, IL.

#### Environmental

**Well Abandonment:** Mr. Ross has provided oversight and conducted several monitoring well abandonment projects at various sites in Kansas, Missouri and Oklahoma. His responsibilities included logging well removal information, plugging wells, removal of well casings and pads, and replacement of existing site materials.

**Emergency Response; Missouri, Kansas, and Nebraska:** Mr. Ross has provided emergency response for spill clean-up of PCB-contaminated soil and vegetation from power transformers in various residential and public areas in Omaha, NE caused by severe storms. He has also responded to petroleum and other hazardous material spills for Quiktrip Corporation.

**Phase I and II Environmental Assessments; Missouri and Kansas:** Mr. Ross has performed Phase I and II Environmental Assessments for private and public sectors throughout Kansas, Oklahoma and Missouri.

**EPA Brownfields; Missouri:** Mr. Ross has provided environmental project support at Brownfield properties located in Kansas City, MO. His responsibilities included soil surface sampling for heavy metals and soil fertility, subsurface sampling, groundwater sampling, and community gardens assessment.

**Oil/Water Separator Monitoring:** Mr. Ross has conducted regular Oil/Water Separator monitoring at four diesel fueling stations in the Kansas City area for Quiktrip Corporation.

**Geoprobe Operations:** Mr. Ross has experience in assisting and operating a Geoprobe Direct Push rig on a large variety of projects throughout Missouri and Kansas. Projects include: remediation, site investigations, well abandonments, and Tier II Landfill Gas Sampling.