GREGORY D HELLAND, LG, LHG, RG

Vice President/Office Director

Education

BA, Geology/Distributive Science, Gustavus Adolphus College, 1983

Professional Licenses

Registered Geologist, OR
Licensed Geologist/Hydrogeologist, WA

Associations and Affiliations

Association of Ground Water Scientists and Engineers
National Groundwater Association
Northwest Geological Society
Washington Hydrological Society

Professional Experience

Mr. Greg Helland, LG, LHG originally joined SCS in 1986 and has been working in the environmental consulting industry since that time. Between 2006 and 2007, Mr. Helland briefly served as a regional manager for Shaw Environmental before returning to SCS where he is a vice president of the firm and serves as the Northwest Director of Operations. His technical experience includes management and project experience related to site assessment, RI/FS, environmental monitoring and data management, hazardous waste characterization, remediation and management, Brownfields, permitting, NEPA/SEPA, and human health and ecological risk assessment.

Mr. Helland has served as project manager or project director for multiple investigations and assessments, remediation and contaminated-property redevelopment sites, and numerous property transfer projects. He has managed landfill permitting; designed, managed and provided senior review for landfill compliance monitoring programs; provided oversight during the installation of groundwater monitoring networks, and the installation of landfill gas extraction systems; and, managed and provided senior review for landfill closure and post-closure OM&M and reporting obligations. He has also designed remedial investigations at inactive landfills, gravel and hard rock mining operations, retail centers, and waterfront sites.

As a vice president and Northwest office director, Mr. Helland is ultimately responsible for ensuring that all contracts and scopes of work are properly executed, and that clients are provided with the highest quality data and deliverables. Mr. Helland ensures that regular internal reviews are completed for all projects, that clients are kept apprised of progress and any changes, and that the clients' expectations are satisfied.

Capital Regional District, Landfill Gas (LFG) Assessment, Optimization, and Collection System Enhancement, Hartland Landfill, Victoria, BC, Canada. Project Director providing technical and management oversight for landfill gas management consulting at the Hartland Landfill in Victoria, BC, Canada. Tasks involved reviewing current practices and operations, in addition to developing a long-term management strategy for the duration of the life of the landfill post-closure. The project assessed key areas of landfill gas management, including landfill gas generation, collection, and operational practices. Additional tasks included evaluating options for improvement, making recommendations complete with a cost-benefit analysis, and developing a long-term management plan.

City of Vancouver, BC, Design and Landfill Gas (LFG) System Upgrades, Vancouver Landfill, Delta BC. Project director responsible for contract management, staffing evaluation and management support for design and CQA activities for the Vancouver landfill. Tasks included LFG system design to improve the collection efficiency at the landfill, project quality assurance (QA), preparation of plans and specifications for the designs, construction quality assurance (CQA) oversight and subcontractor management.

CEMEX, USA (WA), Environmental Permitting, Regulatory Compliance, Monitoring Programs, Multiple Facilities. Project Director responsible for client management, technical guidance, project quality assurance (QA) and final document review while providing environmental consulting support for the CEMEX, USA mining, material processing and landfilling activities. Projects have included: due diligence to support property or operation acquisition or leasing; permitting mining and reclamation activities, including obtaining an inert waste landfill permit to expand reclamation options; environmental permit review and monitoring; soil, groundwater, air and storm water monitoring projects; and preparing storm water pollution control (SWPC) plans and spill prevention control and countermeasure (SPCC) plans.

Clark County Public Works Dept (WA), Environmental Monitoring, English Pit Landfill, and OM&M, Leichner Landfill, Vancouver, WA. Project Director responsible for technical guidance, project quality assurance (QA) and final document review for the performance of long-term semi-annual groundwater and landfill gas monitoring at the closed English Pit Landfill in Vancouver, WA. Project Director responsible for management and oversight for a 5-year operations, maintenance and monitoring (OM&M) project for the closed Leichner landfill. The OM&M project includes landfill gas system operation and monitoring, groundwater monitoring, cap maintenance and monitoring, and regulatory support.

EMR, Inc., Groundwater Treatment Plant Operations & Maintenance (O&M), Umatilla Chemical Weapons Depot (UMCD) Superfund Site, Hermiston, OR. Project Director responsible for technical guidance, project quality assurance (QA) and final document review for the performance of O&M of a groundwater treatment plant at the Umatilla Chemical Weapons Depot Superfund site in Hermiston, OR. Groundwater treatment includes O&M of a treatment plant system that processes about 1,300 GPM and uses activated carbon and polishing reactors followed by reinjection to flush contaminants from an old sludge lagoon contaminated with RDX and TNT. Base tasks included semi-annual groundwater sampling at 30 locations, data management, posting to the project website, technical support, and preparation of the annual report. SCS served as a subcontractor to EMR for the Umatilla project from 2009 through 2011.

Metro Vancouver, Landfill Gas (LFG) System Operation and Maintenance (O&M) and LFG System Upgrade Design, Coquitlam Landfill, Coquitlam, BC, Canada. Project Manager responsible for performing a 5-year, multiple-stage, post-closure O&M scope of work at the Metro Vancouver Coquitlam Landfill in Coquitlam, BC, Canada. Tasks include LFG extraction system O&M services, annual LFG monitoring, groundwater monitoring, annual Approval in Principal (AIP) report, LFG system upgrade design and construction observation, leachate system upgrade design and construction observation, and O&M of the blower station and flare. The facility is situated between Canada Highway 1 and the Frasier River. The site has various tenant commercial operations including a nine hole golf course and driving range, and a waste recycling facility.

Principal Financial Group, Due Diligence Support, Nationwide. Project Director responsible for coordinating staff and management in support of due diligence activities throughout the United States for a large, institutional real estate investor. The projects are typically performed in accordance with ASTM E 1527-05 and Principal Guidance Document A, and include historical and air photo review, personal interviews, review of utility and site visit information, and the preparation of a report of findings. Provide final technical review of all reports to ensure consistent quality for all deliverables.

Sterling Pulp Chemicals LDT, Groundwater Study, Saskatoon Chemical Plant, Saskatoon, Saskatchewan, Canada. Project Director responsible for technical guidance, project quality assurance (QA) and final document review for the development of a groundwater study at a chemical plant in Saskatoon, Saskatchewan. The project served to characterize groundwater discharges to surface springs and the south Saskatoon River adjacent to the plant. Tasks included groundwater modeling, seep sampling, aquifer testing, and the preparation of a report summarizing findings.

Washington State Army National Guard, Spill Prevention Control and Countermeasure (SPCC) Plans and Integrated Contingency Plan Updates, 12 National Guard Facilities, Washington. Project Director responsible for technical guidance, project quality assurance (QA) and final document review for the preparation of a spill prevention control and countermeasure (SPCC) plan, and installation contingency plan (ICP) updates at 12 Washington Army National Guard facilities located throughout the state. The SPCC updates included a site visit to inspect existing oil storage facilities, material inventories, a review of best management practices (BMPs), and updating existing SPCC site maps. The updated SPCC plans were reviewed and stamped by a Washington registered professional engineer and incorporated into a facility wide ICP that was formatted to be consistent among WAARNG facilities. Also served as Project Director responsible for technical guidance, project quality assurance (QA), and final document review for the provision of a systems analyst evaluation of the design and implementation of a military GIS system at Camp Murray in Tacoma, WA. The evaluation addressed the status of the current system, deliverables the current system provided, compatibility with objectives for the system, and resource needs (personnel and money) to accomplish the desired outcome for the system.

Waste Management, Environmental Monitoring and Reporting, AK, WA and OR Sites. Project Director responsible for routine compliance monitoring activities performed at seven active and one closed Waste Management landfills in AK, WA and OR. Project activities include preparing annual environmental monitoring plans for regulator review, scheduling and completing

quarterly or semi-annual groundwater and gas probe monitoring, completing annual storm water sampling, and preparing annual regulatory compliance reports. Additional, as-needed support activities include repair or replacement of monitoring wells, environmental permitting and regulatory negotiations.

Waste Management, Landfill Gas (LFG) System Design and Construction Quality Assurance (CQA), Riverbend Landfill (RLF), McMinnville, OR. Project Director responsible for staffing and management oversight for the LFG engineering and support activities at the Riverbend Landfill (RLF) in McMinnville, OR. Each year, the LFG system requires expansion to accommodate the additional waste received at the facility. SCS provides technical direction, engineering design, project estimates, plans and specifications, budget management, scheduling, staffing, subcontractor management, engineering review, and CQA.

Yakama Nation, Groundwater Well Monitoring Network Enhancement, Landfill Siting Study, Yakama Nation Landfill, Toppenish, WA. Project Director responsible for technical guidance, project quality assurance (QA) and final document review for the installation, development, and sampling of additional groundwater monitoring wells at the closed Yakama Nation Landfill in Toppenish, WA. Subsequent project work included a detailed study to evaluate the viability of siting and operating a new landfill on the Yakama Nation.