

SETH KELLOGG, P.G.

**PFAS and emerging contaminants
site investigation and characterization
groundwater-surface water interaction
conceptual site models
management of complex and multiparty sites**

EDUCATION

M.S., Geology, Indiana University, Bloomington, Indiana, 2003

B.A. Geology, Alfred University, Alfred, New York, 1994

B.A. Environmental Studies, Alfred University, Alfred, New York, 1994

REGISTRATIONS AND CERTIFICATIONS

Professional Geologist, Pennsylvania #PG004737, Arkansas #2060, New York, #000801-1

CAREER SUMMARY

Ms. Kellogg has 25 years of experience in the areas of project management, project planning, remedial investigation, feasibility study, remedial design, data evaluation, and report preparation for NYSDEC and USEPA. For the past 12 years, she has lead multi-disciplinary teams to create innovative and cost-effective solutions to complex environmental challenges while managing projects to scope, schedule and budget. Ms. Kellogg has become a leader in evaluating and managing PFAS including co-authoring the first PFAS best practices guidance (NGWA 2018), educating other industry professionals on the unique challenges of characterizing and remediating PFAS and advising congressional and state staff on PFAS policy. Additional areas of technical expertise include chlorinated solvents and DNAPL in groundwater, aqueous geochemistry (wet chemistry and stable isotopes), contaminated sediments (characterization, management and natural attenuation) and mercury.

PFAS EXPERIENCE

Remedial Alternatives Analysis for PFAS Treatment, Atlantic City Municipal Utilities Authority, Atlantic City, NJ. Ms. Kellogg is leading a team evaluating potential PFOA and PFOS remedial alternatives for an existing facility. Considerations include effectiveness of technologies, scalability, mix of water sources and capital, operations and maintenance costs. Following technology selection, bench scale or pilot testing will

be conducted.

Litigation Support Services, Confidential Client, New Hampshire. Ms. Kellogg reviewed PFAS concentrations from documents, data and reports to evaluate challenges to a permit application approval. This work aided an expert witness in developing their professional opinions.

Litigation Support Services, Confidential Client, Canada. Ms. Kellogg reviewed documents, data and reports to evaluate the potential fate and transport of PFAS contamination. This included an evaluation of the hydrogeology, potential flow paths, PFAS fingerprinting and potential receptors. This work aided an expert witness in developing their professional opinions.

Environmental Due Diligence, Confidential Client, New York. Ms. Kellogg evaluated the extent of PFAS contamination, potential receptors, remediation costs and the regulatory drivers for a property transfer in New York.

Environmental Due Diligence, Confidential Client, Colorado. Ms. Kellogg advised on appropriate sampling protocols, evaluated PFAS results and evaluated potential risks of PFAS contamination from various formulations of aqueous film forming foams (AFFF).

REPRESENTATIVE EXPERIENCE

Remedial Investigation / Feasibility Study, Former Paul Miller Dry Cleaners Site, Staten Island, New York. Ms. Kellogg was the Project Manager for this RI/FS work assignment to investigate and mitigate contamination from a former dry-cleaning operation located in an active strip mall. The former site building is currently a fast food restaurant, so the sub-slab depressurization system (SSDS) was designed and installed to overcome the kitchen ventilation. Concurrently, Ms. Kellogg and her team used Membrane Interface Probe (MIP) technology and groundwater screening to determine the extent of the soil and groundwater contamination. They then followed with conventional monitoring wells installed at targeted locations and depths to provide a long-term monitoring network. This project required close coordination with building occupants, neighbors and managing multiple subcontractors including SSDS installers, drillers, surveyors, subsurface geophysics, analytical laboratories, data validators, and investigation derived waste transportation and disposal. Ms. Kellogg and her team are currently developing remedial alternatives.

Remedial Investigation / Feasibility Study, Charlton Cleaners Site, Staten Island, New York. Ms. Kellogg was the Project Manager for this RI/FS work assignment to investigate downgradient contamination from a former dry-cleaning operation located in

an active strip mall. The contamination from the site has migrated beneath a strip mall and a residential neighborhood. Investigation at this site required multiple rounds of well installation and sampling to effectively delineate the horizontal and vertical extent of the plume. Ms. Kellogg and her team secured access to residential properties for sampling and well installation. They also collected indoor and sub-slab air samples from homes within the affected community. This project required close coordination with residents and managing multiple subcontractors including drillers, surveyors, subsurface geophysics, analytical laboratories, data validators, and investigation derived waste transportation and disposal. Ms. Kellogg and her team are currently developing remedial alternatives.

Remedial Investigation / Feasibility Study, Former Red Devil Paint Site, Mount Vernon, New York. Ms. Kellogg was the Project Manager for this complicated RI/FS work assignment. CDM Smith investigated an off-site polyurethane-related LNAPL with an associated dissolved phase groundwater plume, which involved coordination with the Brownfields Responsible Party (BRP) conducting the onsite investigation and remedial action. Ms. Kellogg reviewed documents submitted by the BRP to assess data gaps for the offsite investigation. To successfully develop remedial alternatives, Ms. Kellogg and her team had to evaluate the unique chemical and physical properties of the polyurethane LNAPL. This included unique laboratory analysis, treatability testing and bench-scale studies. The site location is isolated between the Bronx River and the Metro North Railroad and is considered critical habitat by New York State Fish and Wildlife Service (NYSFWS), which limited remedial alternatives.

Remedial Design / Remedial Action, Former Red Devil Paint Site, Mount Vernon, New York. Ms. Kellogg was the Project Manager for this complex RD/RA work assignment. The remedial objective was to prevent the LNAPL from entering the Bronx River. NYSDEC selected a containment wall as the remedial alternative. Due to the inaccessibility of the project site, construction of the containment wall was estimated at \$1,000,000. Ms. Kellogg and her team conducted hydrologic modeling to determine if the containment wall would alter the groundwater flow and cause the LNAPL to flow around the wall. At the recommendation of CDM Smith, the model also included historic LNAPL thicknesses and results showed that the LNAPL thickness was reducing because of the BCP activities and would have dissipated prior to the containment wall being completed. This resulted in NYSDEC revising the remedy to Long Term Monitoring and a cost savings of \$1,000,000 for NYSDEC.

Remedial Investigation / Feasibility Study, Pride Solvents and Chemical Site, West Babylon, New York. Ms. Kellogg was the project manager for this RI/FS. Prior to the field investigation, Ms. Kellogg and her team, reviewed twenty years' worth of historical site

documents to identify data gaps and develop a phased approach to determining the nature and extent of contamination at the site. Ms. Kellogg and her team employed a Triad-like approach to the field investigation, using an on-site laboratory and evaluating soil and groundwater screening data in real-time to evaluate the vertical and horizontal extent of contamination. Ms. Kellogg planned the field investigation to occur concurrently with the investigation at the Villa Dry Cleaners Site. By conducting the field investigations concurrently, Ms. Kellogg reduced the cost of the investigation. The results of the investigation showed there was residual shallow contamination beneath the site buildings and an extensive deep groundwater plume with the highest contaminant concentrations just above a confining clay layer at 90 feet bgs. Ms. Kellogg and her team developed remedial alternatives for this site and NYSDEC selected AS/SVE for the shallow groundwater and in-situ bioremediation for the deep groundwater. Field Manager for in situ soil characterization as part of RAP implementation for a one-acre brownfield site containing chlorinated solvents, heavy metals and petroleum compounds in soil, soil vapor and groundwater over one city block in Manhattan, New York. This project is part of the NYSDEC (BCP).

Remedial Design / Remedial Action, Pride Solvents and Chemical Site, West Babylon, New York. Ms. Kellogg is the project manager for this RD/RA. Ms. Kellogg and her team designed an Air Sparge (AS)/Soil Vapor Extraction (SVE) system to address shallow contamination at the site. CDM Smith also conducted an extensive pre-design investigation (PDI) to further evaluate the nature and extent of contamination at the interface of the aquifer and the clay unit. The PDI determined there was significant contaminant mass sorbed into the clay unit and discovered free-phase DNAPL beneath the site buildings. We are currently re-evaluating the remedial alternative for the deep groundwater to capitalize on removal of the DNAPL. Field Manager for remediation system installation in Brooklyn, New York. Responsibilities included daily oversight of contractors excavating soil and installing piping within streets and sidewalks. Completed daily health and safety meeting and reports and attended weekly construction progress meetings.

Remedial Investigation / Feasibility Study, Villa Dry Cleaners Site, Babylon, New York. Ms. Kellogg is the project manager for this RI/FS. She was responsible for developing the work plan, budget, and subcontracts. Ms. Kellogg and her team employed a Triad-like approach to the field investigation, using an on-site laboratory and evaluating soil and groundwater screening data in real-time to evaluate the vertical and horizontal extent of contamination. This approach reduced the need for multiple mobilizations. Ms. Kellogg also planned the field investigation to occur concurrently with the investigation at the Pride Solvents and Cleaners Site. The concurrent remedial investigations allowed CDM Smith to combine resources and reduce the schedule and budget for both sites. This

approach eliminated field delays by providing flexibility to schedule sampling as property access became available without demobilizing the field crew. Ms. Kellogg also oversaw the preparation of the Remedial Investigation Report and prepared the conceptual site model. Field manager for quarterly groundwater sampling rounds at a former pesticides manufacturing facility in Dayton, New Jersey. Responsibilities include direction of multiple sampling teams and coordination with subcontractors.

Remedial Investigation / Feasibility Study, Shulman Salvage Site, Elmira, New York. Ms. Kellogg was the project manager for this RI/FS at an active scrap yard. Ms. Kellogg and her team designed this investigation of metals and PCB contaminated soils to minimally impact the operating activities of the scrap yards. Ms. Kellogg and her team used GIS and 3D data visualization tools to clearly identify discreet areas requiring remediation. Ms. Kellogg and her team evaluated options for excavation, in-situ stabilization and capping. She also supported NYSDEC during a public meeting explaining the selected remedial alternative.

Remedial Investigation / Feasibility Study, American Bag and Metal, Syracuse, New York. Ms. Kellogg was the project manager for this RI/FS adjacent to Onondaga Lake. The objective of the project was to evaluate the extent of PCB contaminated soil and conduct a Fish and Wildlife Impact Assessment (FWIA) on an adjacent creek. Ms. Kellogg and her team worked closely with adjacent property owners and the town DPW to develop excavation plans which would not undermine a bridge or impact underground utilities

Site Characterization, Former Manufactured Gas Plant Site, Saugerties, New York. Ms. Kellogg was the project manager for this site characterization. This site is in an upscale residential area. Ms. Kellogg worked closely with the NYSDEC project manager to design the site investigation to minimally impact the homeowners. CDM Smith used a track-mounted Geoprobe™ rig to collect soil and groundwater samples while reducing the investigation footprint and noise. Ms. Kellogg was responsible for developing the work plan, budget, subcontracts, managing field activities and report preparation.

Uplands Impact Assessment, Newtown Creek Superfund Site, Brooklyn, New York. Ms. Kellogg coordinated the collection of information on respondent and non-respondent properties adjacent and near Newtown Creek and developed impact assessment criteria. Site information was reviewed to assess potential site impacts on the Newtown Creek Site remedy.

Remedial Investigation, Hopewell Precision Groundwater Site, Hopewell Junction, New York. Ms. Kellogg was the RI Task leader for this RI/FS. Ms. Kellogg was responsible for project planning including preparing the QAPP, HASP, subcontractor

statements of work, and site mobilization. The field investigation spanned 18 months and included sub-slab and indoor vapor intrusion sampling, groundwater screening, surface water and sediment sampling, bathymetry, deep water sampling, residential well sampling and monitoring well installation and sampling. Ms. Kellogg was responsible for developing and maintaining field data collection, including boring logs, sample tracking, IDW tracking, subcontractor tracking, equipment calibration and logbooks. Ms. Kellogg also managed the data analysis and report preparation for the RI Report. This project required significant citizen participation and coordination with residents and the EPA Removal Branch.

Remedial Investigation, Lawrence Aviation Industries Site, Port Jefferson Station, New York. Ms. Kellogg acted as the Field Team Leader for this 18 months RI/FS. Ms. Kellogg was responsible for site mobilization and implementing field data collection, including boring logs, sample tracking, IDW tracking, subcontractor tracking, equipment calibration and logbooks. The field investigation included a membrane interface probe (MIP) investigation to investigate potential areas of soil and groundwater contamination, stratigraphic borings, multiport well installation, surface water and sediment sampling, soil sampling and groundwater sampling. The multiport wells were installed using rotasonic drill techniques and were completed using Waterloo multiport samplers. Ms. Kellogg was responsible for communications with the project manager and the task manager. She also coordinated oversight with the on-site PRP. Following the completing of the field investigation, Ms. Kellogg analyzed analytical and geologic data and participated in preparing the Remedial Investigation Report.

Remedial Investigation, Mercury Refining Superfund Site, Colonie, New York. Ms. Kellogg acted as the field team leader and lead geologist for this 8-month remedial investigation. Ms. Kellogg lead the field team to install soil brings, monitoring wells and collect surface water, sediment, catch basin and biota samples. Soil samples contained a visible amount of mercury, so sample shipping and health and safety were particular concerns. Ms. Kellogg coordinated with and oversaw drilling, surveying, and geophysical sub-contractors. Ms. Kellogg assisted in analyzing the geologic and hydrogeologic data and writing the introduction and geology sections of the RI report.

Remedial Investigation, Smithtown Groundwater Investigation Site, Smithtown, New York. Ms. Kellogg installed 14 250-foot vertical profile wells using 4.25-inch hollow stem augers. She acted as the lead geologist and coordinated with the drilling and IDW subcontractors. Ms. Kellogg also acted as the interim field team leader, scheduling and overseeing residential sampling, piezometer development and IDW activities.

Remedial Investigation Work Plan, Pierson's Creek Superfund Site, Newark, New Jersey. Served as Task Leader. Prepared the work plan for the remedial investigation of

the Pierson's Creek Superfund Site. Planning this investigation required significant logistical, access and coordination with the surrounding property owners, including Port Newark and Newark Liberty International Airport. Innovative and remote sampling sediment and surface waste sampling techniques were evaluated and incorporated into the plan.

Field Investigation, Raritan Bay Slag Site, Old Bridge/Sayreville, New Jersey. Served as Task Leader. Ms. Kellogg managed the field investigation of this complex sediment site. The site spans approximately 1.5 miles along the Raritan Bay in a public park. Lead-bearing slag and other waste material were used as fill and stabilizing material for the construction of the seawall and to supplement a jetty. CDM Smith was tasked to fast track completion of the RI and FS within two years. The field investigation included management of multiple field teams to collect over 1,800 multi-media samples, install of monitoring wells on-shore and in the bay, conducting hydrodynamic and sediment dynamic studies, and geochronology study. The field investigation needed to be closely coordinated with tide cycles, weather and public access near the site. The \$2 million field program involved eight specialty subcontractors and was completed in 5 months, within budget and schedule, and without any incidents.

Pre-design Investigation, Federal Creosote Superfund Site, Manville, New Jersey. Acted as the field team leader and lead geologist for the pre-design investigation in a residential area. Ms. Kellogg oversaw the drilling subcontractor install approximately 250 deep borings and 300 shallow borings and provided continuous lithologic descriptions and sampling for metals, SVOCs, and VOCs. These borings were installed using hollow stem augers, tripod, geoprobe and hand auger. Ms. Kellogg oversaw a drilling subcontractor install 15 shallow and intermediate wells using hollow stem augers and mud rotary drilling. She developed both overburden and bedrock wells. Ms. Kellogg developed a description methodology based on creosote percentage to assist in disposal estimates. She also coordinated the drilling, surveying, and geophysical sub-contractors to develop schedules and resolve access issues. Ms. Kellogg assisted in analyzing the geologic and hydrogeologic data and writing the introduction and geology sections of the RI report.

Investigation, Zschiegner Refinery Superfund Site, Howell Township, New Jersey. Installed approximately 10 shallow soil borings inside an abandoned metals refining building. Water samples were collected for VOC analysis from the bottom of the borings. She wrote the technical memorandum recommending the locations of monitoring wells based on data collected during the initial investigation.

OTHER EXPERIENCE

Hazard Ranking System Reports, Various Federal Sites, EPA Regions 3 and 5. Ms. Kellogg prepared PA Scores and HRS packages for several Federal facility sites in EPA Region 3 and 5. The sites included Fort Benjamin Harrison, Patuxent River Naval Air Station, Rickenbacker Air National Guard Base, Langley Air Force Base and the Beltsville Agricultural Research Center. Ms. Kellogg evaluated soil, surface water and ground water exposure pathways. These documents required extensive hydrological and geological research, data analysis and assessment of risk to the surrounding areas.

PCB Debris Removal, PennDOT Building, Pennsylvania Department of Transportation, Harrisburg, Pennsylvania. Ms. Kellogg conducted oversight of the removal of PCB contaminated debris from a PennDOT building that had a fire and conducted wipe sampling of the unaffected floors of the building.

Facility-wide Hazardous Substance Inventory and Form R Reporting, Picatinny Arsenal, U.S. Army, Morris County, New Jersey. Assisted ARDEC in the development of a "pharmacy" concept of management of hazardous materials. This approach to hazardous material management reduced procurement, storage, and disposal cost for Picatinny Arsenal. It also reduced risk of exposure to installation personnel and the environment, reduce vulnerability of the Arsenal to NJDEP or EPA regulatory violations, and enhanced the Arsenal's ability to meet regulatory reporting requirements. As a first step in this process, she served as the leader of the field team which compiled a facility-wide inventory of hazardous substances stored and used on Picatinny Arsenal. The information obtained from this labor-intensive examination was entered into a database used first to determine the level of necessary regulatory reporting, and then as a basis for developing a comprehensive pollution prevention and inventory control management plan.

Facility-wide Hazardous Substance Inventory / Preparation of a Pharmacy System, Army Research Lab (ARL), U.S. Army. Assisted ARL in the implementation of a "pharmacy" concept of management of hazardous materials. This approach to hazardous material management will reduce procurement, storage, and disposal cost for ARL. As a first step in this process, she served as the leader of the field team which compiled a facility-wide inventory of hazardous substances stored and used at ARL and bar coding all hazardous materials for tracking purposes. The information obtained from this labor-intensive examination was entered into a database used to determine the level of necessary regulatory reporting, and as a basis for developing a comprehensive pollution prevention and inventory control management plan.

Evaluation of Engineered Barriers at Waste Sites, U.S. EPA Office of Research and Development. Participated in a study of the performance of engineered barriers in containing or mitigating the migration of hazardous constituents. The study is part of a larger initiative to develop guidance for using contaminants systems at Superfund sites. The engineered barriers being evaluated included slurry walls, grout curtains, sheet piles, linear, caps, and covers as well as other innovative barriers. She researched two sites and evaluated them on the basis of pre-set credentials to determine the level of operability that the barrier has attained. This entailed detailed review of all site documents and interviewing the EPA project managers as well as NJDEP and NYSDEC representatives to obtain the technical information needed to complete the rating system.

Mercury Speciation Workshop Planner/Presenter, U.S. Department of Energy. Organized a workshop for EPA Region 9 and the Department of Energy on Mercury Speciation. The meeting brought together experts from the federal, private and academic arenas on the fate and transport of various species of mercury. The workshop focused on Oak Ridge, Tennessee and the Carson River in Nevada. Conducted on-site support, coordinated note taking, and prepared the final report on the workshop including the technical conclusions and recommendations.

National Environmental Justice Advisory Council Planner, U.S. EPA. Planned the December 1995 meeting of the National Environmental Justice Advisory Council (NEJAC), in Washington, D.C. Was responsible for developing the meeting agenda with the client, negotiating and reviewing contracts with vendors, implementing registration of participants, and providing on-site logistical support.

Defense State Memorandum of Agreement Program Workshop Planner/Presenter, U.S. Army Corps of Engineers. The Defense-State Memorandum of Agreement Program (DSMOA) is a Department of Defense (DoD) program, administered by the Army Corps of Engineers, through which DoD gives States funds to expedite the characterization and cleanup of DoD facilities. Conducted a series of four workshops to facilitate feedback from the states on the effectiveness of the DSMOA program. Developed the meeting format, prepared presentations, facilitated sessions, provided on-site support and prepared reports on the results.

Defense Environmental Response Task Force Support, Office of the Deputy Under-Secretary of Defense for Environmental Security. The Defense Environmental Response Task Force is a Congressionally mandated task force consisting of representatives from the federal government, state government and public interest groups. Responsible for supporting working groups developing FOST and FOSL guidance and RAB guidance, analyzing data collected by the working groups, preparing presentations, and preparing official DoD correspondence.

Cost to Complete Analysis, Deputy Under Secretary of Defense for Environmental Security. Analyzed the 1988 and 1991 cost to complete reports and wrote chapters reconciling the costs used in those reports with the costs used in the current report and comparing the methodology used in the prior reports with current methodology.

Report to Congress Support, Office of the Deputy Under Secretary of Defense for Environmental Security. Prepared fact sheets and budget estimates for clean up at DoD facilities for the 1994, 1995, and 1996 annual reports to Congress.

Terrestrial Isopod Population Dynamics Research Support, Blastein Institute for Desert Research. Served as a geological field assistant in support of a four-year study of terrestrial isopod population dynamics in the Negev Desert, Israel. This multidisciplinary study is related to basic ecology as well as conservation biology and computer modeling. Field work included extensive use of electronic surveying equipment and GIS.

Geomorphic History and Wet Meadow Systems Research Support, Great Basin Ecosystem Management Program. While at graduate school, Ms. Kellogg conducted research on the geomorphic history and wet meadow systems in Big Creek, Toiyabe Mountains, central Nevada and Corral Canyon, Toiyabe Mountain, central Nevada. Ms. Kellogg performed soil descriptions, pebble counts, dendrochronology analysis, grainsize analysis, and sample collection for radiocarbon dating, installed piezometers and monitoring wells, stream gaged, seep gaged, conducted geophysical analysis, conducted slug tests, collected cores to test for conductivity, collected water samples, conducted topographic surveys, and conducted vegetation surveys. This data was incorporated into ground water and surface water computer models to analyze the effects of anthropogenic disturbances on the system.

Graduate School Teaching Assignments / Research Assistance, Indiana University, Bloomington, Indiana. While at graduate school, Ms. Kellogg taught GEO 107 (Environmental Geology) for two semesters. She was responsible for developing a syllabus, preparing and delivering lectures, preparing and delivering exams, and grading exams and papers. She also worked as a Research Assistant as part of a team, funded by the National Science Foundation, that determined the extent of mercury and heavy metal contamination migration caused by the 1997 flood on the Carson River, NV. The Carson River is listed on the National Priorities List and is a Superfund site. She collected soil, water and sediment samples, and analyzed aerial photographs for potential contamination source areas, magnitude of channel migration, channel width changes, and sinuosity. In addition, she participated in the delineation of a hillslope wetland in western Indianapolis, IN. She installed piezometers, monitored water levels, took cores with a Geoprobe, installed monitoring wells, stream gaged, seep gaged, conducted geophysical analysis, conducted slug tests with a Hermit, conducted topographic surveys, and conducted

vegetation surveys. Compiled the field information computer model of the system using GMS, then summarized the field data and the computer model in a report.

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Inc., Princeton, New Jersey; 2018
Past Experience: Roux Associates, New Jersey, 2017 – 2018
CDM Smith, Edison, New Jersey, 1999 – 2017
TetraTech EM, Vienna, Virginia and Rockaway, NJ, 1992 – 1999

AFFILIATIONS

East Amwell Environmental Commission (2006-2017), Current Chair
Hunterdon Land Trust, Trustee (2015-2018), Land Acquisition and Stewardship and
Development Committees (2010-present)
National Ground Water Association (2007 – present), Scientists and Engineers Section
Board (2016-present), Water Resources Subcommittee (Chair 2018), Ground Water
Summit Program Committee (2016 and 2017)

REPRESENTATIVE PUBLICATIONS AND PRESENTATIONS

- 18-01 Seth Kellogg, PG. “Groundwater and PFAS: State of Knowledge and Practice.” Presented the Nation Ground Water Association Ground Water Summit, January 2018.
- 17-03 Lydia Dorrance, S. Kellogg and Adam Love. “What You Should Know about Per- and Polyfluoroalkyl Substances (PFAS) for Environmental Claims. Environmental Claims Journal, November 2017.
- 17-02 Seth Kellogg, PG. “Groundwater and PFAS: State of Knowledge and Practice.” New Jersey Groundwater Association, November 21, 2017
- 17-01 Seth Kellogg, PG. “PFAS – An Overview of the Evolving State of the Scientific and Regulatory Landscape.” Alfred University Environmental Speaker Series, November 10, 2017.
- 14-01 Seth Kellogg, PG and Chris Gurr, PE. “Membrane Interface Probe and Hydraulic Profiling Tool.” Presented at the Association of State and Territorial Solid Waste Management Officials State Superfund Brownfield Symposium. June 2014
- 12-01 Seth Kellogg, PG and Chris Gurr, PE. “Low permeability does not mean impermeable: diffusion of chlorinated solvents into a clay aquitard.” Presented at

- the 2012 National Ground Water Association Summit, Garden Grove, California, May 2012.
- 09-01 John Grabs, PG and Seth Kellogg PG. "Increasing Sustainability of Groundwater Investigations." Presented at the 2009 NGWA Groundwater Expo. December 2009.
- 08-01 Seth Kellogg PG, Susan Schofield and Lorenzo Thantu. Volatile Organic Compound Investigation in a Complex Glacial Flow System. Meeting: TRIAD Investigations: New Approaches and Innovative Strategies. June 10-12, 2008. Amherst, MA.
- 07-01 Dougherty, J.N., D. Kellogg, J. Mayo and D. Klerides. "Using a Staged Approach to Assess Groundwater to Surface Water TCE Migration." Meeting: Fourth International Conference on Remediation of Contaminated Sediments. January 23-25, 2007. Savannah, GA.
- 04-01 Eliot A. Atekwana and Dorothea S. Richardson, Geochemical and isotopic evidence of a groundwater source in the Corral Canyon meadow complex, central Nevada, USA. Hydrological Processes, Volume 18, Issue 15, October 30, 2004. pp. 2801-2815.
- 02-01 Dorothea Seth Richardson, Joseph J. Mayo and Demetrios Klerides, and Thomas Taccone. Spatial Distribution of Total and Methyl Mercury in Stream Sediments at a Superfund Site, Proceedings of the 2002 International Conference on Contaminated Soils, Sediments and Water, 2002. Meeting: 2002 International Conference on Contaminated Soils, Sediments and Groundwater, Amherst, MA, United States, October 22-24, 2002.
- 00-01 D. Seth Richardson, John Dougherty, Frank Tsang, and Aaron Frant., DNAPL Migration in Overburden and a Leaky Multi-Unit Aquifer System in Manville, New Jersey, Proceedings of the 2000 International Conference on Contaminated Soils, Sediments and Water, 2000. Meeting: 2000 International Conference on Contaminated Soils, Sediments and Groundwater, Amherst, MA, United States, October 16-19, 2000.
- 99-02 Kellogg, Dorothea Seth, Miller, J.M., Jewett, D.G., Hydrologic and Geomorphic Controls on Wet Meadow Ecosystems, Central Nevada. GSA Abstracts with Programs, Vol.31, No.7, October 1999.
- 99-01 Jerry Miller, Robert Barr, David Grow, Paul Lechler, Dorothea Kellogg, Karen Waltman, and John Warwick. Effects of the 1997 Flood on the Transport and

Storage of Sediment and Mercury within the Carson River Valley, West-Central
Nevada. February 12, 1999.