

ANDREW WILCOX

Professional Licenses

OSHA 8-hour Confined Space Training
OSHA 40-hour Safety Training
CPR First Aid
Certificate in Groundwater Field Monitoring and Sampling

Professional Affiliations

American Academy of Environmental Engineers
American Society of Civil Engineers
Solid Waste Association of North America
National Society of Professional Engineers
National Waste and Recycling Association

Professional Experience

Mr. Wilcox is experienced in the operation, monitoring and sampling of groundwater corrective action systems. His expertise includes groundwater sampling and environmental control system operation to meet Bay Area and Central Valley APCD, Title V, RWCQB, and state regulations and requirements. Mr. Wilcox's experience includes implementation of sampling plans and maintenance required to keep the systems operational and in compliance with various prescribed operating parameters and goals; performance, supervision, and/or assistance in required maintenance and repairs; and interaction with and/or management of subcontractors, laboratories, and vendors needed to assist with maintenance and sampling of the systems. He is also responsible for preparing daily field logs, recording field observations, preparing samples for shipment, and recommending actions to be taken.

Mr. Wilcox continues to participate in SCS's health and safety program in compliance with OSHA Standard 29 CFR 1910.120. He is knowledgeable in incident response operations, team functions, personnel safety, and field equipment. He is able to recognize and evaluate potential chemical and physical hazards and associated risks in field operations; discuss and use personnel protective equipment such as respiratory protection and protective clothing; use and interpret direct-reading instruments; and examine and establish Standard Operating Safety Guidelines to ensure safe and effective response operations.

Groundwater and Title 27 Monitoring Experience

Altamont Landfill and Resource Recovery Facility, Livermore, CA. Performed quarterly sampling and monitoring of 18 groundwater wells with dedicated QED bladder pumps. He also completed quarterly field parameter measurements and annual sampling at seven leachate and subdrain locations, and quarterly sampling of one vadose zone monitoring point.

Redwood Landfill, Novato, CA. Conducted semiannual sampling and monitoring of 15 groundwater wells equipped with dedicated QED bladder pumps. He also completed quarterly liquid levels at 5 leachate monitoring points, quarterly sampling of 1 leachate pond, and annual sampling of 2 leachate monitoring points.

Tri-Cities Disposal and Recycling Facility, Fremont, CA. Conducted semiannual sampling and monitoring of 15 groundwater wells equipped with QED bladder pumps. He also collected

semiannual liquid level measurements at 10 leachate monitoring points, and annual sampling of 2 leachate monitoring points.

Geer Road Landfill, Modesto, CA. Performed field operations and maintenance (O&M) of a volatile organic compound (VOC) removal groundwater pump and treatment system. System consists of 12 extraction well/pumps, two 20,000-pound activated carbon filters, air compressor, intermediate, and pre-filters. Relevance includes groundwater sample collection, carbon breakthrough monitoring, analytical testing, telemetric monitoring, collection of field data, and evaluation to adjust and optimize system performance. Additionally, conducted semiannual sampling and monitoring of the groundwater compliance wells using the portable QED pumping system and on-site bladder pumps. Also performed sampling and monitoring of the 27 landfill gas (LFG) probes and on-site structures.

East 3rd Avenue Landfill, San Mateo, CA. Performed field O&M of 4 groundwater wells and 5 leachate wells. Monitoring was done with a portable Grundfos pump. Also collected semiannual liquid level measurements at leachate and groundwater sample points. I.

Neal Road Landfill, Paradise, CA. Performed field O&M of 10 groundwater wells, 1 leachate pond, and 1 septage pond. All groundwater monitoring points have dedicated pumps. Also collected quarterly liquid levels measurements at each groundwater location.

Fink Road Landfill, Crows Landing, CA. Conducted semiannual sampling and monitoring of 10 groundwater wells equipped with Grundfos electric sample pumps. Also collected semiannual liquid levels measurements at all leachate monitoring points and annual sampling of leachate monitoring points.

14th Ave Landfill, Sacramento, CA Conducted semiannual sampling and monitoring of 6 groundwater wells equipped using portable Grundfos electric sample pumps. Also collected semiannual liquid levels measurements at all monitoring points, and performed VOC headspace monitoring.

L and D Landfill, Sacramento, CA. Conducted semiannual sampling and monitoring of 12 groundwater wells equipped using portable Grundfos electric sample pumps. Also collected semiannual liquid level measurements at all monitoring points, collected samples from the groundwater pump and treat system, performed VOC headspace monitoring, and performed quarterly LFG probe monitoring and TO-14 analytical sampling.

Oyster Bay Landfill, San Leandro, CA. Conducted semiannual sampling and monitoring of the groundwater wells using portable QED bladder sample pump and bailers. Also collected semiannual liquid level measurements at all monitoring points, collected samples, and performed maintenance to the leachate pump and treat system.

West Winton Landfill, Hayward, CA. Conducted semiannual sampling and monitoring of the groundwater wells using portable QED electric sample pump and bailers. Also collected semiannual liquid level measurements at all monitoring points, collected samples, and performed maintenance from the leachate pump and treat system. Assisted with O&M of the leachate extraction system.

Berkeley Marina Landfill, Berkeley, CA. Conducted quarterly sampling and monitoring of the groundwater and leachate wells using portable QED electric sample pump and bailers. Also collected quarterly liquid level measurements at all monitoring points and tensiometers. Assisted with O&M of the LFG extraction and flaring system, and sampling of the perimeter probe monitoring network and on-site structures.

Five Active and Closed Placer County Landfills, Placer County, CA. Performed the sampling and monitoring of groundwater, surface water, leachate, and vadose zone locations at or adjacent to the Western Regional, Loomis, and Meadow Vista Sanitary Landfills, Forest Hill Landfill, and Eastern

SCS FIELD SERVICES

Regional Landfill, using both dedicated and portable equipment. Additionally, he has also performed Title 27 probe and structure monitoring as needed.