

TIFFANY M. ANDREWS, CESCL

Education

BS, Biology, Northland College, 2002

Specialty Certifications

Certified Erosion and Sediment Control Lead, Oregon and Washington

Professional Affiliations

Solid Waste Association of North America – Beaver Chapter

Professional Experience

Tiffany is a Project Manager at SCS Engineers and has provided professional environmental consulting services for solid waste facilities in Oregon, Washington, and Alaska for over 13 years. She has successfully managed compliance monitoring services for more than 16 solid waste facilities, including two closed, 10 active municipal solid waste (MSW), eight construction and demolition debris (C&D), and one hazardous waste landfill. These facilities and others often include monitoring and reporting of wastewater and stormwater in compliance with industrial National Pollutant Discharge Elimination System (NPDES) permitting. She also assists in managing and maintaining historical analytical databases for several solid waste landfills. Ms. Andrews' previous experience includes two years working on petroleum impacted sites. Currently, Ms. Andrews is working at multiple landfills and transfer stations to develop PFAS monitoring programs, which includes collecting background data for PFAS in groundwater, wastewater, and landfill leachate.



Andrews, Tiffany

Solid Waste Landfill Projects at SCS

Landfill Environmental Monitoring Projects: Leichner Landfill (Vancouver, Washington); Brown's Island Landfill (Salem, Oregon); North Marion County Disposal Facility (Woodburn, Oregon); Roseburg Landfill (Roseburg, OR); Capitol Disposal Landfill (Juneau, Alaska); Chemical Waste Management of the Northwest (Arlington, OR); Columbia Ridge Landfill and Recycling Center (Arlington, OR); Graham Road Recycling and Disposal Facility (Medical Lake, WA); Greater Wenatchee Regional Landfill (East Wenatchee, WA); Hillsboro Landfill (Hillsboro, OR); Riverbend Landfill (McMinnville, OR); Finley Buttes Regional Landfill (Boardman, OR); and Wasco County Landfill (The Dalles, OR).

- Since 2009, coordinated and performed the site's Oregon Department of Environmental Quality (DEQ), Washington Department of Ecology (Ecology), and Alaska Department of Environmental Conservation (ADEC)-mandated multi-media environmental monitoring, data evaluation, and reporting programs, consistent with requirements specified in the sites' solid waste disposal permits and EMPs. Environmental monitoring activities include measuring water levels in site monitoring wells and collecting samples of groundwater, surface water, and liquid (from the leachate control and recovery system [LCRS] and leachate secondary containment system [LSCS]). Data management and evaluation activities include (1) tracking the laboratory analysis and reporting process, (2) performing quality assurance/control review of laboratory results, (3) resolving data quality issues with the laboratory, and (4) performing regulatory review of groundwater analytical results. Preparation of monitoring reports presenting and evaluating the results of groundwater (including hydrogeologic data), surface water, liquid (from the LCRS and LSCS systems), and LFG monitoring.

Closed Leichner Landfill, Clark County, Washington. Coordinated and performed oversight of groundwater monitoring, data evaluation, and reporting program. Coordinated and assisted in preparation of quarterly and annual monitoring reports.

WM, Capitol Disposal Landfill, Environmental Monitoring and Reporting, Juneau, AK. Project Manager for contract to provide environmental monitoring and report services. Monitoring events are consistent with the sites' Environmental Monitoring Plans (EMPs) and include groundwater elevation surveys, landfill gas monitoring, groundwater and leachate sampling, and laboratory data management review, and project management.

WM, Environmental Monitoring and Reporting, Hillsboro Landfill, Hillsboro, OR. Project manager with primary responsibility for data management, interpretation, report preparation, and scheduling for the performance of semiannual environmental monitoring at Hillsboro, Landfill in Hillsboro, OR. Monitoring events are consistent with the site's EMP and include groundwater elevation surveys, landfill gas monitoring, groundwater and leachate sampling, and laboratory data management and review.

Waste Connections, Inc., Environmental Monitoring and Reporting, Finley Buttes Regional Landfill, Boardman, OR. Project specialist with primary or support responsibility for data management, interpretation, and report preparation for the performance of semiannual environmental monitoring at the Finley Buttes Landfill in Boardman, OR. Monitoring events are consistent with the site's EMP and include groundwater elevation surveys, landfill gas monitoring, groundwater and leachate sampling, and laboratory data management and review.

Storm Water and Wastewater Monitoring: Aloha Disposal in Aloha, Oregon, Forest Grove Transfer Station in Forest Grove, Oregon, Millers Sanitary Service in Beaverton, Oregon, Newburg Facility in Newberg, Oregon, Troutdale Transfer Station in Troutdale, Oregon, Sandy Transfer Station, Sandy, Oregon, and Waste Management of Oregon Hauling Company in Portland, Oregon (WM).

- Project Manager responsible for coordinating, staffing, and regulatory evaluation for the execution of monthly wastewater monitoring and storm water monitoring activities, consistent with the site's wastewater discharge permits, NPDES permits and storm water pollution control plans (SWPCP). Industrial wastewater and storm water data management and evaluation activities include (1) tracking the laboratory analysis and reporting process, (2) performing quality assurance/control review of laboratory results, (3) resolving data quality issues with the laboratory, and (4) performing regulatory review of wastewater and storm water analytical results. Preparation of monitoring reports presenting and evaluating the results of groundwater Prepared monthly and annual monitoring reports. Assisted in the preparation and revisions of site's SWPCP consistent with DEQ guidelines.

Project Experience Prior to Joining SCS in October 2009

Groundwater Sampling and Field Management: Large portfolio of petroleum sites in Oregon and Washington. Responsibilities included (1) organizing, scheduling, performing, and managing fieldwork for groundwater monitoring activities, (2) conducted monthly observations and maintenances of air sparging remediation system, (3) assisting with the installation, removal, and repair of remediation systems, (4) scoping and managing subcontractors, and (5) managing and upholding health and safety procedures and standards.