

Multiple Environmental Services

Metal Finishing Facility, Conestee, South Carolina

PROJECT DESCRIPTION

Metals and chlorinated solvents have been detected in groundwater at this active metal plating facility. The groundwater contamination is present in the bedrock aquifer. One recovery well is used to remove groundwater, which is then treated on-site before discharge to the Publicly-Owned Treatment Works. On-going work is being performed under an existing Corrective Action Plan in accordance with a renewed RCRA Part B Permit.



ROGERS & CALLCOTT SERVICES

SWMU Closure: Rogers & Callcott removed sludge from three lagoons identified as Solid Waste Management Unit (SWMU) 1 and certified the closure of SWMU 1 in 1985. In response to a request from the South Carolina Department of Health and Environmental Control (SCDHEC), Rogers & Callcott collected soil samples to assess potential impacts around a former wastewater treatment facility identified as SWMU 3 and, based on the results, prepared a Corrective Measures Study Work Plan and Corrective Measures Study Report. The SWMU was capped as an Interim Measure using asphalt paving and concrete, and SCDHEC approved the Interim Measure Implementation Completion Report in 2006 with the condition that periodic inspections be performed. Rogers & Callcott inspects the cap annually during the fourth quarter Corrective Action Monitoring.

RCRA Part B Permit Renewal Application: Rogers & Callcott prepared a RCRA Part B Permit Renewal Application for post-closure care of the site in 2006. We completed Permit Application in June 2012 at the request of SCDHEC, who then issued the revised permit in August 2013.

Corrective Action Monitoring and Reporting: Rogers & Callcott performs semi-annual groundwater sampling of seven wells at the site. Water levels are measured in eight on-site monitoring wells, in addition to a pumping well. All sample analyses are performed in the Rogers & Callcott laboratory in Greenville, South Carolina. Sample analyses include volatile organic compounds (VOCs), metals, and modified Appendix IX constituents. Rogers & Callcott performs inspection and maintenance (as needed) during semi-annual sampling events. Semi-annual Corrective Action Monitoring Reports are submitted to SCDHEC on behalf of the client.

Divestiture Assistance: Rogers & Callcott assisted the previous owner of the site with the transfer of environmental regulatory permits to the new owners and obtained approval for a newly separated wastewater stream. Activities included preparation and submission of a revised RCRA Part A for the Post Closure Permit and obtaining approval for the separation of the groundwater discharge from the process wastewater. Through this process, Rogers & Callcott was able to obtain approval from the publicly owned treatment works for separate wastewater discharge requirements for the two discharges with separate owners of the two wastewater discharges.