

## Remedial Investigation

State Superfund Former Disposal Site, Simpsonville, SC

### Site Description

SCDHEC initiated investigative activities, including drum removal, at a privately owned disposal facility. Over a period of eight years, six phases of sampling and characterization were completed and approximately 1,000 drums were excavated. As a result of negotiations, a Settlement Agreement was entered into by the state and the PRP group allowing the remedial action to be directed by the PRP group. A workplan was prepared to present a compilation of existing data and to identify data gaps. Additional RI activities were conducted, including sampling activities, well installations, a stream study, and a groundwater well survey. A comprehensive RI Report has been prepared containing the results of data analyses, a limited Risk Assessment, and recommendations for a focused Feasibility Study.



### Rogers & Callcott Services and Results

**Provide Oversight of SCDHEC Activities** - Prior to the settlement agreement, Rogers & Callcott was retained by the PRPs to observe and document site activities being conducted by SCDHEC and their contractors. Split samples were also obtained and analyzed at the Rogers & Callcott laboratory in Greenville, SC. Rogers & Callcott provided technical analysis of analytical data including unidentified compounds.

**Assist During Settlement Agreement Negotiations** - Rogers & Callcott assisted the PRP group in negotiating the Settlement Agreement to allow the PRPs the ability to direct investigation and remediation activities and settle claims with SCDHEC. Working with SCDHEC and the PRP group's legal counsel, the agreement has resulted in a more manageable schedule, scope of work, and ultimately, cost.

**Prepare RI Workplan** - Previous activities were conducted under the direction of several different consultants working under contract to SCDHEC. The first step in preparing the RI Workplan was to review all available data and reports. Data that was considered valid was compiled and analyzed in order to develop a conceptual site model. Data gaps were identified and the workplan was prepared to propose sampling activities to fill the data gaps.

**Conduct Remedial Investigation** - Investigations were conducted in accordance with CERCLA guidelines. Additional constituents of concern were identified and previously unidentified source areas were uncovered. Off-site bedrock wells were installed and the results indicated that impacted ground water was generally limited to the site. Preliminary results highlighted the need for supplemental data, which was collected in a timely manner.

**Perform Routine Monitoring** – A quarterly sampling program was initiated to provide a database upon which trends in constituent concentrations could be established. Although there had been extensive previous sampling, no systematic approach had been implemented. Routine monitoring has allowed Rogers & Callcott to identify several significant patterns that will be helpful in identifying remedial options.