

REDLANDS PLUME

Remediation Management

California

Client:

Confidential

Contract Value:

\$350,000/year

Performance Period:

October 2006—Current

Technical Areas:

- Project Piloting
- Remediation
- Water Resources

Successes:

Improved budgeting and procurement process

Restructured cost tracking systems to facilitate and simplify the process

Completed scheduled and unscheduled activities within original budget (cost savings allowed additional work)



BACKGROUND

The objective of the project is to contain and cleanup a ground water plume that covers 13 square miles while allowing continued beneficial use of the regionally important ground water resource that serves as drinking water for five cities, as well as the key water source for local industrial and agricultural facilities. The remediation/water supply systems pump approximately 50,000 gpm, of which 23,000 gpm are treated to remove perchlorate (using ion exchange) and trichloroethylene (using granular activated carbon).

SES ROLE

SES is providing the client, a large aerospace company, project management services for this very large scale, complex remediation project. Services include planning, procurement, cost estimating, budgeting, and coordination of technical resources, negotiations with the water purveyors, reports to management, and regulatory compliance. The SES Project Manager oversees a project team consisting of some of the largest companies in environmental remediation, including Earth Tech, Tetra Tech, CDM, URS and Siemens. Project activities include ground water monitoring and modeling to predict plume movement, feasibility analyses, treatment plant and well design, construction, and operations and maintenance.



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