

### HIGHLIGHTS

Evaluated perchlorate treatment technologies.

Assessed impact of water quality change on perchlorate treatment efficiency.

Carollo was selected by the City of Redlands to carry out a feasibility investigation to evaluate ways to address the City's water demand needs using its available water resources. The City has a number of water resources available including both groundwater and surface waters of various qualities. As part of the investigation, Carollo evaluated the extent to which the new perchlorate Public Health Goal would impact the availability of water from certain City's wells that are contaminated with perchlorate. This evaluation included an assessment of perchlorate treatment technologies that would be suitable for the well water, and in particular, the technologies that would be suitable for use as wellhead treatment facilities for the range of perchlorate and nitrate present. Due to the short term water requirements by the City, the evaluation also included an assessment of which perchlorate technologies could best be applied within existing onsite treatment facilities at certain affected wells.



*Carollo evaluated perchlorate treatment technologies as part of a water feasibility investigation.*