

PG&E Hinkley Compressor Station Groundwater Remediation Program Feasibility Study



May 2011



On September 1, 2010, PG&E submitted a Feasibility Study to the Water Board that presented and evaluated a series of cleanup alternatives for the chromium plume. The original Feasibility Study evaluated six cleanup alternatives using combinations of such remedial technologies as pump and treat, agricultural treatment, in-situ treatment, and fresh water injection.

PG&E's recommended alternative (Alternative 4) proposes in-situ treatment in areas with higher chromium concentrations, and agricultural treatment and reuse in areas with lower chromium concentrations.

Updates to the Feasibility Study

On January 31, 2011, PG&E submitted an update to its Feasibility Study. A second update was submitted on March 3, 2011. The most recent submittal (Alternative 1) reduce the overall cleanup time. Under this cleanup scenario, PG&E expects to achieve naturally occurring background levels in 40 years. The Water Board is currently reviewing the Feasibility Study and the updates, and is also having the study reviewed by independent experts.

Environmental Impact Report

for the Water Board to prepare a draft Environmental Impact Report (EIR). An EIR examines the potential environmental impacts associated with the proposed cleanup. This report will be available for public review

and comment. The Water Board will then revise the report as necessary based on public comments, before

Current Containment Efforts

PG&E has already increased containment pumping and is installing facilities to further increase pumping. This increased pumping will further improve plume control. As of fall 2010, pumping had already increased by more than 40 percent over early 2010 levels. By summer 2011, pumping is anticipated to increase by more than 100 percent, and by fall 2011, pumping is anticipated to increase by more than 200 percent over early 2010 levels.

