



California Regional Water Quality Control Board

Lahontan Region



Linda S. Adams
Acting Secretary for
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Edmund G. Brown Jr.
Governor

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INVESTIGATIVE ORDER NO. R6V-2011-0043, ACCEPTANCE OF WORK PLANS FOR UPPER AND LOWER AQUIFER PLUME INVESTIGATIONS, PG&E COMPRESSOR STATION, HINKLEY, SAN BERNARDINO COUNTY

Lahontan Water Board staff has reviewed the May 10, 2011 document "Revised Work Plan for Installation of Additional Upper Aquifer Monitoring Wells (Work Plan)" for the PG&E Compressor Station in Hinkley. The Work Plan, prepared by Stantec, was prepared in response to Investigative Order No. R6V-2010-0016, requiring additional plume delineation in the upper aquifer. The Work Plan proposes to install 18 additional monitoring well clusters to further define the chromium plume boundary in the north, west, and east directions. Investigation results will be presented in a technical report upon completion of tasks.

On April 14, 2011, Water Board staff also approved proposed well locations for additional lower aquifer investigation. In an April 12, 2011 electronic message, PG&E submitted a map showing three proposed well locations to better define the chromium boundaries in the lower aquifer in the area of MW-23C. Water Board staff responded that we had no objections to the proposed well locations but also required that a water sample be collected west of the clay boundary to see what, if any, chromium may be migrating beyond the edge of the clay layer.

Water Board staff understands that both the above investigations are currently being implemented.

Directives

Pursuant to section 13267 of the California Water Code, PG&E is directed to submit the following technical reports for delineating the lateral and vertical extent of chromium groundwater contamination in Hinkley:

1. **By August 1, 2011**, submit a report describing investigation tasks and water results for the lower aquifer investigation. The report must include laboratory results of chromium in water samples collected from all lower aquifer monitoring well or sampling locations. Present chromium results on a map and in a cross

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section showing isconcentration lines. The report shall describe the status of operation and use of agricultural wells 26-65 and 26-66 in the lower aquifer at the Desert View Dairy property and their actions upon the plume.

2. **By September 1, 2011**, submit a report describing investigation tasks and water results for the upper aquifer investigation. The report must include laboratory results of chromium in water samples collected from all lower aquifer monitoring well and sampling locations. Present chromium results on a map and in cross sections showing isconcentration lines. The report shall describe the status of operation and use of agricultural wells that potentially affect the plume.

If you have any questions concerning this matter, please contact Lisa Dernbach at (530) 542-5424 or ldernbach@waterboards.ca.gov.



LAURI KEMPER, P.E.
ASSISTANT EXECUTIVE OFFICER

cc: PG&E Technical Mailing List

LSD/adw/U:Cleanup and Enforcement/Specialists/ PG&E Hinkley,PG&E Two Aquifer workplans 611
Send to file: WDID 6B369107001 (VVL)
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