

Lahontan Regional Water Quality Control Board

Status of Actions April 2025 PG&E Hinkley Chromium Contamination

Chromium Plume Boundary

In general, the Fourth Quarter 2024 groundwater data indicates that plume migration is not occurring but does reflect natural fluctuations of groundwater concentrations as remediation progresses. The Third Quarter 2024 chromium plume maps can be viewed on GeoTracker at [Fourth Quarter 2024 Groundwater Monitoring Report and Domestic Well Sampling Results](https://geotracker.waterboards.ca.gov/?url=j0cug) (<https://geotracker.waterboards.ca.gov/?url=j0cug>) and are Figures 5-1 through 5-6 of this report.

Chromium plume maps representing previous quarters are posted on the Water Board's Hinkley website at [Water Board's Hinkley website](http://www.waterboards.ca.gov/lahtontan/water_issues/projects/pge/index.shtml) (http://www.waterboards.ca.gov/lahtontan/water_issues/projects/pge/index.shtml), at the bottom of the page under the section titled "Other Documents and Information." The First Quarter 2025 plume map is due on May 10, 2025, consistent with the reporting due dates contained in Cleanup and Abatement Order (CAO) No. R6V-2015-0068-A1.

Domestic Well 35-41 and Monitoring Well MW-67A Hexavalent Chromium Concentrations

During routine monitoring, monitoring well MW-67A had an increase in hexavalent chromium concentrations during the Second Quarter 2024. PG&E began providing bottled water to the residence with domestic well 35-41 in accordance with the Environmental Impact Report mitigation measure WTR-MM-2A and began monthly monitoring of domestic well 35-41 and MW-67A. In October 2024, PG&E provided a work plan to install monitoring wells to characterize hexavalent chromium in the vadose zone and in groundwater near domestic well 35-41 and monitoring well MW-67A and determine a cause of the increases in chromium.

The highest hexavalent chromium concentration in the area was measured at domestic well 35-41 in July 2024 at 21 parts per billion and the most recent hexavalent chromium concentration was measured at 7.8 parts per billion in December 2024. The most recent concentration at MW-67A was measured at 6.1 parts per billion. The next set of data will be available in the next monitoring report due out on April 30, 2025. PG&E will continue to monitor the concentrations in the area around domestic well 35-41.

Water Board staff do not consider the elevated concentration of hexavalent chromium at MW-67A and domestic well 35-41 to be a loss of hydraulic control or expansion of the chromium plume because data at monitoring wells between the 3.1 parts per billion

plume boundary and MW-67A and 35-41 continue to have low to non-detect concentrations in the monitoring wells.

Feasibility Study to Evaluate Hexavalent Chromium Background Values

As discussed at the January 2025 board meeting, the Water Board will be requiring a feasibility study to be performed by PG&E to inform us on cleanup time frames, developing cleanup goals or milestones, applying information learned from the USGS Background Study, and updating the model to correspond with current site conditions. Other information may include cost analysis, consideration of any new technology available, modification to the remedy to accelerate cleanup, and running the model with new data not included in the previous feasibility study.

Routine Monitoring Reports

PG&E submitted the following reports in accordance with the respective monitoring and reporting requirements. Water Board staff are reviewing these routine monitoring reports.

- None

Water Board PG&E Hinkley Chromium Cleanup Webpage

Water Board staff have updated our [PG&E Hinkley Chromium Cleanup Project webpage](https://www.waterboards.ca.gov/lahtontan/water_issues/projects/pge/) (https://www.waterboards.ca.gov/lahtontan/water_issues/projects/pge/). The project webpage hosts certain documents and announcements related to PG&E's corrective actions, as well as copies of past and current plume maps to access or download and print from the webpage. Please contact Water Board staff with any questions or for assistance.

Your Water Board Staff Contacts

Water Board oversight of the PG&E Hinkley Chromium Cleanup project is provided by staff in the Water Board's Victorville office located at 15095 Amargosa Road, Building 2, Suite 210, Victorville, CA 92394. Your Water Board staff contacts are listed below. Please feel free to contact any of the listed should you need assistance.

Amanda Lopez, Engineering Geologist
(760) 241-7373 (amanda.lopez@waterboards.ca.gov)

Christina Guerra, Senior Engineering Geologist
(760) 241-7333 (christina.guerra@waterboards.ca.gov)

Lahontan Regional Water Quality Control Board
(760) 241-6583, general number
<https://www.waterboards.ca.gov/lahtontan/>