

USGS Hinkley Cr(VI) background study

- More than 100 wells were sampled as part of the USGS Cr(VI) Background Study. An additional 70 domestic wells were sampled and analyzed on site for fewer constituents in January 2016



- Mutually agreed upon, spatially-distributed set of wells covering a range of geologic, hydrologic, and geochemical settings
- Most complete set of independent geologic, chemical, and isotopic data available

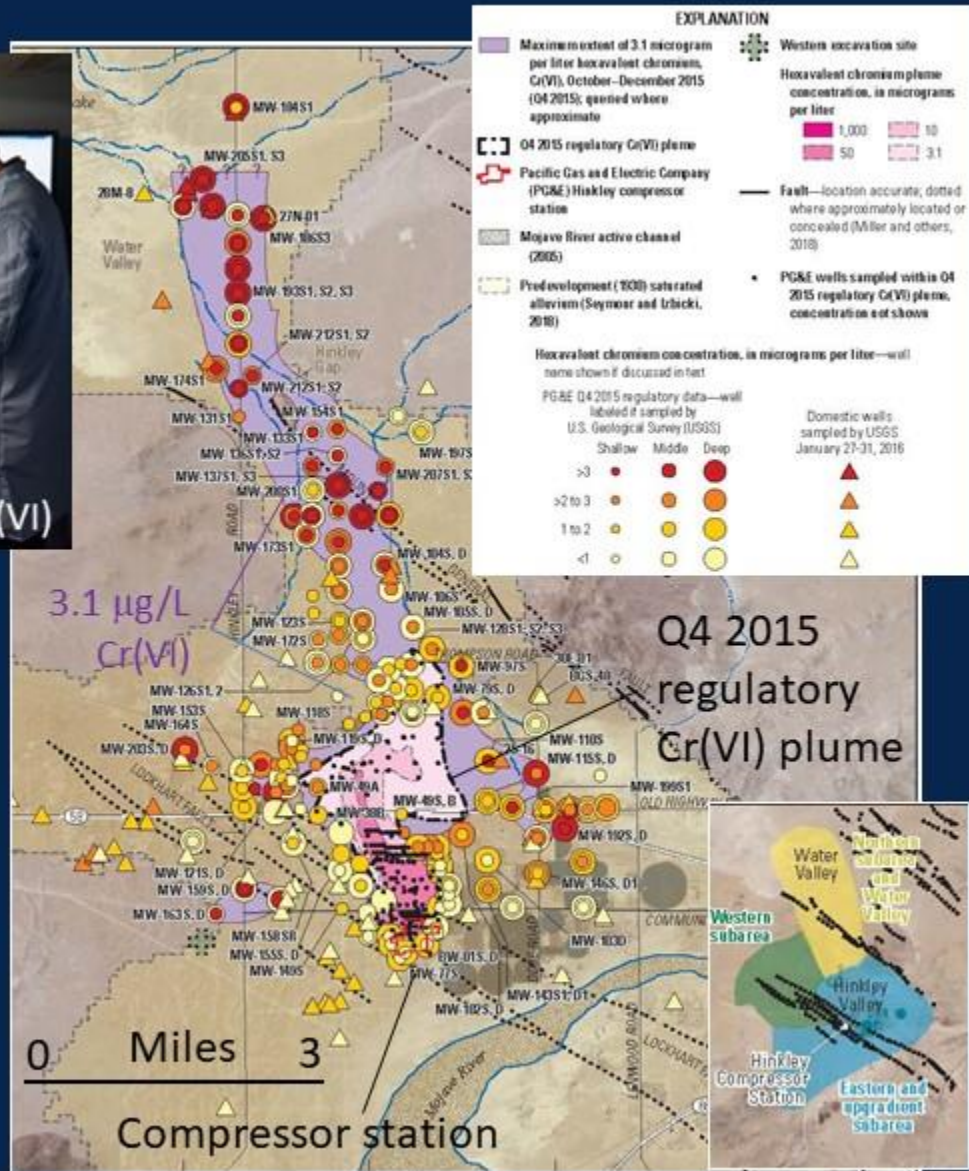


Figure G.1: Cr(VI) concentrations, Hinkley Calif., March 2015 to November 2017

Overview of status of draft Cr(VI) BGS manuscript

11 Chapters

- 9 chapter submitted for review January 6
- Review comments returned April 1
- Chapter J (Task 8 experiments): in preparation
- Chapter K (Conclusions): in preparation the chapter will serve as the basis for the lay-reader report



PG&E Hinkley Compressor Station, Hinkley, Calif.
(Figure A.1, photo by Steve Perry ARCADIS)

Overview of status of draft Cr(VI) BGS manuscript

Ancillary reports

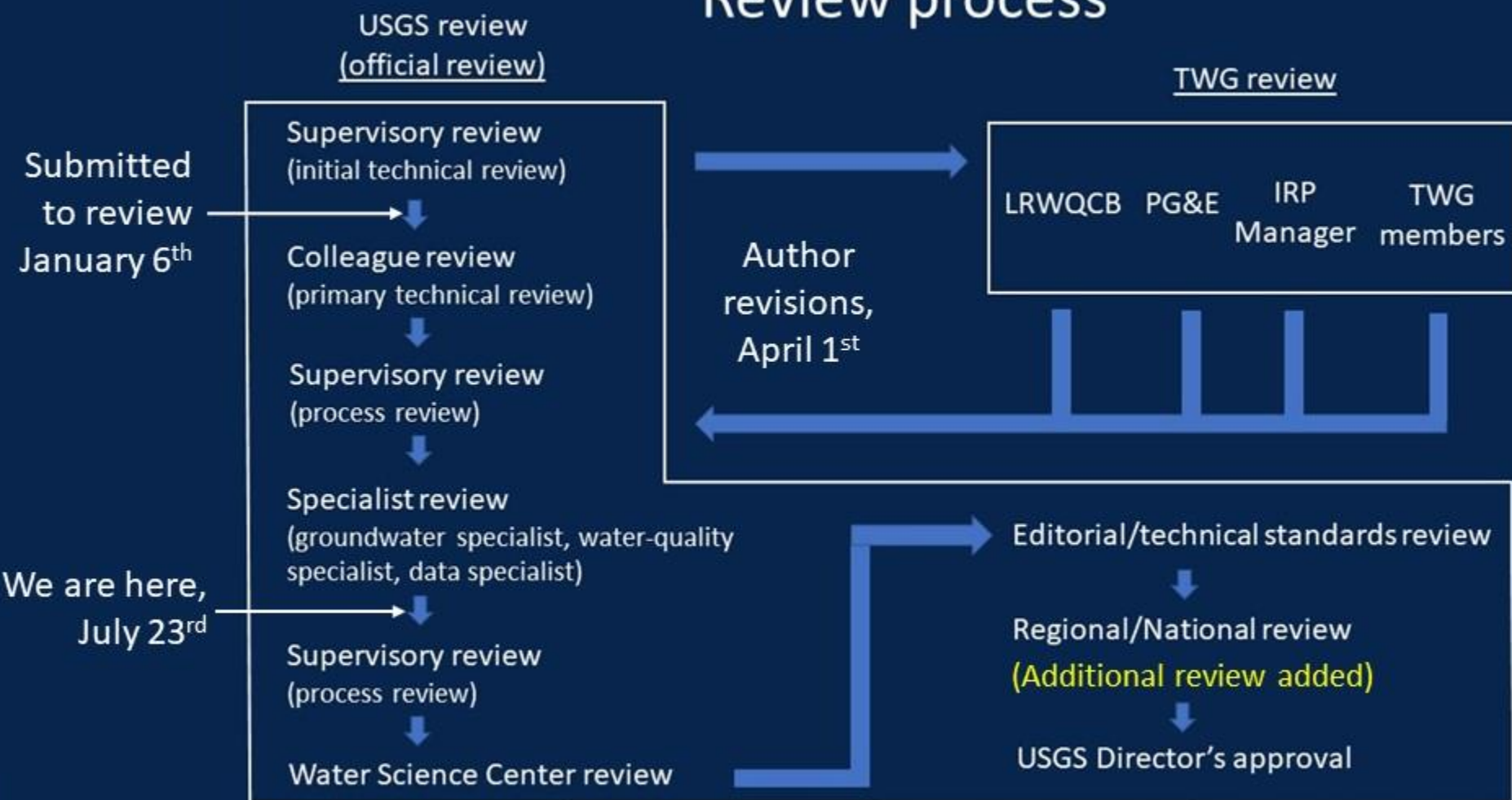
- Public documentation and updates
- Data releases
- Geology papers
(Geologic Map and Borehole Stratigraphy of Hinkley Valley and vicinity, San Bernardino County, California: U.S. Geological Survey Scientific Investigations Map 2020-3458)
- Reports funded by other agencies



PG&E Hinkley Compressor Station, Hinkley, Calif.
(Figure A.1, photo by Steve Perry ARCADIS)

Timetable for completion

Review process



USGS review process was last reviewed by
The National Academy of Sciences in 2017

Conclusions

- Long report but in many ways it is one table of background Cr(VI) concentrations and one figure showing the plume extent
- Cr(VI) background concentrations calculated as part of this study are not background Cr(VI) concentrations for regulatory purposes, and the authority to establish regulatory values resides solely with the Lahontan Regional Water Quality Control Board.



PG&E Hinkley Compressor Station, Hinkley, Calif.
(Figure A.1, photo by Steve Perry ARCADIS)