

## Lahontan Regional Water Quality Control Board

June 3, 2014

WDID No. 6B361403001

Kevin Sullivan  
Pacific Gas and Electric Company  
3401 Crow Canyon Road  
San Ramon, CA 94583  
Email: [kmsu@pge.com](mailto:kmsu@pge.com)

### **TECHNICAL MEMO, FORMER WASTE PIT GROUNDWATER INVESTIGATION, PACIFIC GAS AND ELECTRIC COMPANY, SAN BERNARDINO COUNTY**

California Regional Water Quality Control Board, Lahontan Region (Water Board) staff received the above-referenced memo (Memo) on May 1, 2014, which was prepared and submitted by Stantec on behalf of Pacific Gas and Electric Company (PG&E). The Report was submitted in response to Water Board Investigation Order R6V-2014-0019 dated March 3, 2014, which required additional investigation on potential impacts to groundwater quality due to releases from the Former Waste Pit (Pit). The Memo proposes quarterly sampling from monitoring well pair MW-163S/D for volatile organic compounds (VOCs) for one year to determine if there has been a release from the Pit. Water Board staff have reviewed the Memo and request additional monitoring, as described below.

#### **Constituents**

The Memo describes the material excavated out of the Pit as car parts, appliances, and household trash. Constituents detected in soil samples collected from the Pit included the VOC 1,4-trimethylbenzene (TMB), total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as motor oil (TPHmo), and polychlorinated byphenol (PCB) Arochlor 1254. Because only limited samples were collected from the Pit excavation (one confirmation sample from the bottom of the excavation), and because these constituents are consistent with materials disposed in the pit, it is reasonable to request TPHd, TPHmo, and PCBs be included in the list of constituents sampled from the sampling locations.

#### **Phased Sampling**

The Memo proposes to collect quarterly samples from groundwater monitoring well pair MW-163S/D for a period of one year to determine if there has been an impact to water quality from activities at the Pit. Should the results of those samples indicate that there

has been an impact to water quality from the Pit, additional monitoring wells, such as groundwater monitoring wells MW-159S/D and MW-167S1/S2/D, may also need to be sampled to determine the extent of the impact.

Please incorporate these changes into your sampling program and begin implementing the program with the requested changes in the next quarterly sampling event.

We look forward to working with you in a manner that protects water quality and the environment. If you have any questions regarding this letter, please contact me at (760) 241-7305 ([bbergen@waterboards.ca.gov](mailto:bbergen@waterboards.ca.gov)) or Patrice Copeland, Senior Engineering Geologist, at (760) 241-7404 ([pcopeland@waterboards.ca.gov](mailto:pcopeland@waterboards.ca.gov)).



Brianna Bergen  
Engineering Geologist

cc: Chris Maxwell, Stantec  
Mailing List – Domestic Well Owners in Western Hinkley