

October 19, 2015



Mr. Eric Roehl
Chevron Environmental Management Company
145 S State College Blvd
Brea, California 92821

Subject: **Well Abandonment and Drum Removal Report**
Chevron Site No. 352300
State Route 274
Tekoa, Washington

Dear Mr. Roehl:

On behalf of Chevron Environmental Management Company's affiliate Union Oil Company of California (Union Oil), Leidos Engineering, LLC (Leidos), submits this report describing the abandonment of on-site groundwater monitoring wells and removal of a buried 55-gallon metal drum at the above referenced site. A site map showing the locations of the abandoned wells is presented on Figure 1.

WELL ABANDONMENT

On October 16, 2015, Leidos oversaw the abandonment of groundwater monitoring wells MW-1 through MW-7 in accordance with WAC 173-160-460 (2).

Prior to any ground disturbing activities, the Washington Utility Notification Service was contacted and the well locations were cleared of subsurface utilities by an independent utility locator (ULS Services Corporation).

Groundwater monitoring wells MW-1 through MW-7 were abandoned in place by a licensed driller (Stratus Corporation, Washington State Resource Protection Well License No. 3118). The well monument at each location was left in place. Hydrated bentonite chips were placed in the existing casing to approximately 3 feet below ground surface (bgs) and cemented to 6 inches bgs.

In addition, the 55-gallon metal drum previously discovered at the central portion of the site was uncovered. After uncovering the drum, it was determined the drum was filled with concrete. The drum was subsequently removed, and disposed of as municipal waste.

If you have any questions or comments, please contact me at (425) 482-3315 or via email at wylld@leidos.com

Sincerely,

Leidos Engineering, LLC



Don Wyll
Senior Project Manager

Enclosures:
Figure 1 – Site Map

cc: Project File

REPORT LIMITATIONS

This technical document was prepared on behalf of CEMC and is intended for its sole use and for use by the local, state, or federal regulatory agency that the technical document was sent to by Leidos. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and Leidos shall have no responsibility or liability for the consequences thereof.

Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from CEMC and others. Leidos has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of Leidos site visits or site work and cannot be applied to conditions and features of which Leidos is unaware and has not had the opportunity to evaluate.

All sources of information on which Leidos has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied on by Leidos in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.

