



TETRA TECH INC.

August 27, 2020

Lynn Nakashima  
Project Manager  
Department of Toxic Substances Control  
700 Heinz Avenue  
Berkeley, CA 94710

**Subject: Notification of Piezometer B278 and CTPS Abandonment and Reinstallation  
EPA North Meadow Removal Action  
University of California, Berkeley, Richmond Field Station**

Dear Ms. Nakashima:

The University of California, Berkeley plans to abandon and replace piezometers B278 and CTPS at the Richmond Field Station as a requirement of the upcoming soil removal action at the EPA North Meadow. The abandonment is scheduled for September 18, 2020. Installation of the replacement wells will be conducted in October or November 2020 following completion of the removal action. All activities will be conducted in accordance with the Field Sampling Workplan, Phase I Groundwater Sampling Plan, dated June 2, 2010.

Piezometer B278 consists of a 2-inch PVC piezometer with a depth of 16.5 feet below ground surface (bgs), screened from 6 to 16 feet bgs. Piezometer CTPS consists of a 2-inch PVC piezometer with a depth of 14 feet bgs, screened from 4 to 14 feet bgs. Both piezometers will be abandoned and decommissioned according to Contra Costa County Health and Safety Division "Annular Seal and Well Destruction Materials" specification. The piezometers will be over-drilled, removed, and the entire borehole will be grouted. The piezometer materials removed will be drummed as investigation-derived waste (IDW).

The replacement piezometers will be installed approximately 5 feet north of the current locations and named B278-R and CTPS-R. The boreholes will be drilled with a hollow-stem auger drill rig. Both piezometers will be constructed from 2-inch diameter schedule 40 PVC blank casing with 2-inch diameter schedule 40 PVC screen with 0.01-inch slot size. The screened interval of the piezometer will be consistent with the original constructions. The piezometers will be surveyed following construction.

No soil samples will be collected for analysis during the well installation. Both piezometers will be developed according to the protocols of the installation of the previous piezometers.

Permits will be obtained prior to abandonment and piezometer installation, and a copy of the Well Driller's Report will be submitted to Contra Costa Environmental Health, UC Berkeley, and the State Department of Water Resources so that UC Berkeley can receive final destruction approval.



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If you have any questions or comments regarding this submittal, please call me at (415) 497-9060.

Sincerely,

Jason Brodersen, P.G.  
Project Manager

cc: Alicia Bihler, Office of EH&S, University of California, Berkeley