

Field Change Concurrence

121917

Purpose: Field Change to Actions Approved in Contact Record 2017-03, North Walnut Creek Slump 2017 Maintenance and Soil Disturbance Review Plan

Concurrence Date: December 19, 2017

Related Contact Record: 2017-03 (approved March 3, 2017)

Description of Change: DOE has received a field change request from the subcontractor to install three inclinometers along the central line of the slope movement at the North Walnut Creek Slump (NWCS). These inclinometers were not included in the initial scope of the geotechnical investigation as it was believed that the continuous sampling method used would reveal the slip plane. Upon completion of the geotechnical investigation and review of the boring logs and samples, an obvious slip plane for the NWCS slope movement was not identified. Identification of the slip plane is a critical piece of information in the calibration of the slope stability models. The inclinometers will identify how the slope is moving with depth, and that information can be used to calibrate the slope stability models.

The geotechnical investigation and associated soil disturbance review plan (SDRP) was approved by CDPHE in CR 2017-03. Although this CR does not discuss the installation of inclinometers at the NWCS, this activity is very similar to the geotechnical investigation work approved by CR 2017-03. The inclinometers would be installed in the same area, using the same drilling equipment, and using the same safety protocols as the recent geotechnical work. Therefore, we do not believe a new CR and SDRP are necessary. If you concur, the three inclinometers will be installed in borings drilled to a depth of approximately 60 to 75 feet below ground surface in the January 4–10, 2018, timeframe.

Resolution: After consultation with EPA, CDPHE concurred via email with the proposed field change under CR 2017-03.