

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, November 24, 2009 2:55 PM
To: 'James Allen'
Cc: Gus.Shuwayhat@thomsonreuters.com; Nathaniel Allen
Subject: RO0324, 160 Holmes, Livermore: Request For Deadline Extension

James,

Based upon your request, the schedule for report submittal for pilot test results from case RO0324 is extended to April 30, 2010. We have no objection to the proposal to conduct a step test prior to pilot scale operations.

Regards,

Jerry Wickham

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From: James Allen [mailto:james@allterraenv.com]
Sent: Tuesday, November 24, 2009 2:25 PM
To: Wickham, Jerry, Env. Health
Cc: Gus.Shuwayhat@thomsonreuters.com; Nathaniel Allen
Subject: Request For Deadline Extension: 160 Holmes

Mr. Wickham

The purpose of this email is to provide you with a project update for SVE pilot testing and request a deadline extension for submitting the results report.

Status Update:

Site Construction: We have begun constructing the pilot scale soil vapor extraction system. By the end of this week, concrete cutting and removal, trenching, subgrade piping installation, and wellhead conversion will be complete. Also, soil vapor extraction and abatement equipment is currently being tuned up for site operations.

BAAQMD Permitting: We should have BAAQMD permit approval in 4 to 6 weeks. Until then the maximum amount of time we can operate SVE equipment at the site is 5 days (as long as we notify the BAAQMD that we are conducting a pilot test).

Project Schedule: Once the BAAQMD permit is approved, we can start the 3-month pilot scale SVE test. We are hoping to start the test at the beginning of 1st quarter 2010 (first week of January), which would allow us to operate for the entire 1st quarter. After the end of the test, a final results report can be submitted with 30-days.

Proposed Alteration to Work Plan

While we are waiting for the BAAQMD permit to be approved, we would like to complete the SVE Step Test ahead of pilot scale operations. The proposed step test would be performed in accordance with your November 26, 2008 letter: at least three flow rates/vacuums will be tested and the results will be submitted in a letter report. The reasons for compelling the step test ahead of the pilot scale operation are:

- By completing the step test in advance, we will have flow rate and contamination mass removal rate data that will help us gear up our SVE and abatement equipment.
- Step test data will allow us to estimate remediation equipment costs for 3-months of contaminant mass removal (carbon, CatOx, IC engine?). By estimating the remediation equipment costs, we'll be able to properly budget for this job and submit a pre-approval request to the UST Cleanup Fund.
- Another reason for performing a 5-day step test is it can be completed without a BAAQMD permit as long as written notification is provided.

Extension Request

Based on the anticipated schedule of work, we are requesting that the final results report be submitted April 30, 2010.

Thank you for your time. If you need more information or have any questions, please contact me at (831) 425-2608 or send me an email.

Sincerely
James Allen

James Allen, REAH
Project Manager

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