

Myers, Dale - TCP (ECY)

From: Halah Voges <hvoges@anchorqea.com>
Sent: Wednesday, December 28, 2022 1:18 PM
To: Myers, Dale - TCP (ECY)
Cc: Johnson, Scott D.; Gavin Casson; Nathan Soccorsy
Subject: Carson Cleaners - Q4 2022 Monitoring Update

Hi Dale,

As requested, this is a field work update for RI implementation. All quarterly monitoring for Q4 2022 has been completed. Please see below for the summary of issues encountered during sampling and a schedule of the remaining field work. Please note our request, highlighted in yellow below, to modify sub-slab sampling procedures starting next quarter. Please reply with your approval or any questions. Thank you and happy new year!

- Groundwater samples were collected per the RI Work Plan and submitted for laboratory analysis.
 - BP Well MW-29 was not accessible due to a damaged bolt on the lid of the well. Anchor QEA contacted BP's environmental consultant, Cardno, and determined they do not intend to repair the well casing as the site has filed for a No Further Action determination. Anchor QEA will attempt to remove the bolt and sample MW-29 during the next quarterly monitoring event.
 - All other proposed groundwater samples were collected.
- Vapor samples were collected per the RI Work Plan and submitted for laboratory analysis.
 - 8-hour indoor air samples were collected from the Carson Cleaners facility, the Mixed-Use Building, the Christ Episcopal Church, and the Bank of America.
 - An 8-hour ambient air sample was collected on the Carson Cleaners property.
 - 8-hour sub-slab gas samples were collected at the Carson Cleaners facility, the Christ Episcopal Church, and the Mixed-Use Building.
 - The sub-slab gas samples collected at the Carson Cleaners facility and the Mixed-Use building may have been compromised due to condensation buildup in the sampling train blocking the flow of gas during sampling. We are awaiting the laboratory results to determine if enough volume was collected for analysis.
 - Based on feedback from the laboratory, we propose a deviation from the Work Plan moving forward. We propose collecting grab samples at the sub-slab locations during the next quarterly event. It is our understanding that the chance of condensation buildup stopping the flow of gas during a grab sample is much less due to the higher flow rate on the Summa canisters. The laboratory stated they are accustomed to receiving grabs for sub-slab sampling due to this issue.
- Pending Issues
 - A sidewalk curb was damaged near CC-MW-03 during installation. The curb will require repairs. We have met with SDOT to determine the extent of repairs and are working with our contractors to determine the schedule.
 - The surface completion at CC-MW-06 was not fully completed during construction. The sidewalk in this area is scheduled to be demolished and replaced before the new year. Once the sidewalk is complete and the surface completion is finished, we will work the surveyor to complete the final survey of the newly installed wells.
- Scheduled Activity
 - Final survey is anticipated to occur during early January 2023.
 - The next quarterly groundwater and vapor monitoring is scheduled for late February/early March 2023. We will provide a minimum of 7-days notification to Ecology, per the Agreed Order.

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