

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Wednesday, February 02, 2011 11:44 AM
To: 'PDKing0000@aol.com'
Cc: snowcleaners@sbcglobal.net
Subject: RE: RO 357 Snow Cleaners 2/2/11Status

Paul,

We concur with delaying the additional vapor extraction evaluation until water levels decrease to levels that are comparable to the December 2010 levels. Therefore, please submit a vapor extraction feasibility test by September 22, 2011.

Please proceed with implementing the groundwater extraction feasibility test as described below. The schedule for submittal of a report on the groundwater extraction feasibility test is extended to April 29, 2011.

Regards,
Jerry Wickham
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From: PDKing0000@aol.com [<mailto:PDKing0000@aol.com>]
Sent: Wednesday, February 02, 2011 10:49 AM
To: Wickham, Jerry, Env. Health
Cc: snowcleaners@sbcglobal.net
Subject: RO 357 Snow Cleaners 2/2/11Status

Hi Jerry,

On December 13, 2010 P&D conducted a soil vapor extraction feasibility test with extraction at well DP1. The results of the test demonstrated that vapor extraction is feasible with vacuum of 0.18 inches of water vacuum measured in a non-extracting well located at a horizontal distance of 25 feet from the extracting well, and similar vacuums observed in other non-extracting wells. Additional vapor extraction evaluation will be required to determine if a higher vacuum blower will result in higher extraction rates. Following completion of the December 13, 2010 feasibility test, rain in the second half of December resulted in water level increases in all of the wells, with water level increases in wells DP1 and DP4 of approximately 7 feet. Based on the elevated water levels in these wells, the screened intervals are below the water table and the vapor extraction feasibility test with higher vacuums will be performed in July when the water levels are comparable to the December 13, 2010 levels. Following completion of the feasibility test with higher vacuums, a report documenting the results of the feasibility test will be provided.

A groundwater extraction feasibility test will be performed in February, 2011 in accordance with recommendations set forth in P&D's Draft Corrective Action Plan dated June 29, 2010 (document 0298.W5). Once the test has been scheduled, notification of the scheduled dates will be provided to you prior to beginning the feasibility test.

Please let me know if you have any questions or need any additional information. Thank you!

Paul

Paul H. King
Professional Geologist

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