

From: pdking0000@aol.com
Sent: Friday, August 29, 2008 8:12 AM
To: Wickham, Jerry, Env. Health
Subject: RO357 Snow Cleaners Creek Sample C5 Results
Attachments: 0808622.pdf; 0298.R6 fig 2.pdf; 0298 creek sampling locations 007.jpg; 0298 creek sampling locations 010.jpg

Hi Jerry,

You will find attached the following documents.

- o Lab report for sample C5 (document 0808622.pdf).
- o DRAFT Figure 2 showing approximate location of C5 (document 0298.R6 fig 2.pdf).
- o View of creek looking upstream in vicinity of location C2 (document 0298 creek sampling locations 007.jpg).
- o View of creek looking downstream in vicinity of location C2 (document 0298 creek sampling locations 010.jpg).

The sample C5 results show that the only compound detected was 3.4 ug/L of cis-1,2-DCE. The creek flow rate was reported to be higher on the day of sampling for C5 than the flow rate shown in the pictures. The flow was described as filling the bottom of the channel almost entirely from wall to wall.

Figure 2 is a DRAFT, and although location C5 is shown as located immediately upstream of Davis Street, the sample location was reported to be approximately 25 feet into the tunnel beneath Davis Street.

The creek pictures were taken on 7/31/08 at the time of sampling of C1 through C3.

In the view looking upstream, the upstream side of the weepole in the bottom of the creek where sample C2 was collected is visible in the foreground. In addition, weeping weepoles in the channelized creek walls are also visible.

In the view looking downstream, the weepole in the bottom of the creek where sample C2 was collected is visible in the foreground. In addition, weeping weepoles in the channelized creek walls are also visible.

It is presently unclear if the HVOC detected in sample C5 originated from the weepole in the bottom of the creek where sample C2 was collected, if it originates from the weepoles in the creek walls, if it is related to seepage associated with a short portion of the creek bed upgradient of sample location C2, or some combination of these described possible sources. I am presently under the impression that there is a zone which extends from approximately B30 and B31 to

approximately B11 where groundwater seepage into the creek with low concentrations of HVOCs could be occurring. Based on the low HVOC concentrations (below the ESL of 5 ug/L for freshwater surface water) and the absence of vinyl chloride in sample C5, I recommend that no further action be performed related to investigation of the creek at this time. I also recommend that this information be provided to the community at the next community meeting which should be scheduled following receipt of the next set of soil gas sample results (SG12 through SG18). We are presently collecting the next set of soil gas samples today 8/29/08. We should have the next set of soil gas sample results by 9/16/08, and will provide you copies of the results once they are received from the lab.

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

Best Regards,
Paul King
P&D Environmental, Inc.
510-658-6916

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From: pdking0000@aol.com
Sent: Friday, August 29, 2008 8:39 AM
To: Wickham, Jerry, Env. Health
Subject: RO357 Snow Cleaners Schedule for MW3 and MW4 Installation and Report Submittal

Hi Jerry,

We obtained the encroachment permit this week for installation of wells MW3 and MW4 for RO357 Snow Cleaners. We are presently scheduled to install the wells Tuesday 9/9/08. Following well installation, the remaining activities prior to report submittal include the following.

- o Surveying all of the wellhead elevations and locations, and surveying of locations and elevations of structures at the site and at selected surrounding areas elevations to the creek for accurate map preparation.
- o Well development.
- o Sampling the two new wells (MW3 and MW4) and the two existing wells (MW1 and MW2).
- o Review of the water sample results.
- o Review of the soil gas sample results (SG12 through SG18).
- o Drafting figures with sample results and isoconcentration contours.

Based on the remaining scope of work, I recommend that the report submittal date be set for Friday 10/31/08. In the event that we are able to submit the report at a sooner date, we will do so.

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

Best Regards,
Paul King
P&D Environmental, Inc.
510-658-6916

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From: pdking0000@aol.com
Sent: Friday, August 29, 2008 7:28 PM
To: Wickham, Jerry, Env. Health
Subject: RO357 Snow Cleaners Soil Gas Sample Collection
Status at End of 8/29/08

Hi Jerry,

We successfully drilled at locations SG12 through SG18 today 8/29/08. However, high vacuum conditions were encountered at locations SG13, SG14 and SG18. In accordance with DTSC Guidelines, we drilled to a depth of 10 feet at locations SG13 and SG14, but did not have time to drill to a depth of 10 feet at locations SG18. We encountered high vacuum conditions again at SG13, but were able to collect a soil gas sample at a depth of 10 feet at location SG14.

Locations SG15 and SG16 were not located immediately adjacent to the house, but instead were located approximately 3 feet from the house in bare earth adjacent to a sidewalk that was located along the northwestern perimeter of the house. These alternate locations were at the request of the landowner, based on concerns for the presence of buried utilities beneath the sidewalk.

In summary, we successfully collected samples at locations SG12, SG14, SG15, SG16 and SG17. All of the samples were collected at a depth of 5 feet, except for SG14, which was collected at a depth of 10 feet. No samples were collected at locations SG13 and SG18.

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

Best Regards,
Paul King
P&D Environmental, Inc.
510-658-6916

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