

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, May 04, 2015 10:12 AM
To: 'Gilbert, Judy'
Subject: RE: Former Chevron 95607 - Downgradient Monitoring Well Installation

Hi Judy,

Yes, I had gotten a notice that CRA had obtained the installation permit. It's unfortunate that the road no longer exists. In regards to the smaller borehole diameter, ACEH would not have an objection; however, would request an extra effort at developing the well as the smaller diameter is a bit more difficult to clean properly. And that can produce problems with the quality of groundwater samples thereafter (more sediment with the potential for absorbed TPH). In regards to the quote, I believe it relates to the first sentence in the "Well Installation" section that the borehole would be to a maximum of 20 ft; however, a 10 foot screen section is also acceptable provided it is rationalized as an appropriate interval. While ACEH prefers shorter screen intervals, it is also necessary to collect sufficient water from the wells and to ensure they are screened below the water table.

Hope this helps,

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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Gilbert, Judy [<mailto:jgilbert@croworld.com>]
Sent: Friday, May 01, 2015 10:30 AM
To: Detterman, Mark, Env. Health
Subject: Former Chevron 95607 - Downgradient Monitoring Well Installation

Hi Mark – We're moving forward with installing the additional monitoring well between C-16 and former well C-15 as described in our January 20, 2014 work and approved in your letter dated March 5, 2014. In preparing to install the well we have not been able to find a way to safely access the proposed well location area with a vehicle. The driller has indicated a willingness to hand auger the well. However, they will use a 6.5 inch diameter hand auger instead of an 8 inch diameter auger as described in the work plan. They would still install a 2 inch diameter well as planned. Any objections to the use of this smaller auger? Even though the attached site plan shows an "access road" our reconnaissance of the area has indicated that this road does not currently exist.

Also, could you clarify this statement from your March 5, 2014 letter

- a. **Well Screen Interval** – ACEH is in general agreement with the well screen interval from 10 or 15 feet below grade surface (bgs) to 20 feet bgs, provided groundwater is encountered within this interval.

In our work plan we indicated a 5 foot well screen (from 10 to 15 feet bgs). Are you indicating in the statement above that we could install a 10 foot well screen from 10 to 20 feet bgs?

Thanks

Judy A. Gilbert
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