

Khatri, Paresh, Env. Health

From: Khatri, Paresh, Env. Health
Sent: Thursday, May 12, 2011 5:28 PM
To: 'Patton, Avery'
Cc: chevypat@aol.com; Conti, Ed
Subject: RE: Crown Chevrolet - CPT investigation

Hello Avery,

Thank you for the SOPs and site figure illustrating the location of the CPT boring. Please note that ACEH has expedited review of this work as a courtesy and may not be able to fulfill such requests in the future.

Based on our review, ACEH does not oppose the proposed CPT scope of work. Please analyze the samples as proposed in the April 12, 2011 work plan, which should include VOCs, SVOCs, and PAHs, TPH-g, TPH-d, TPH-mo, BTEX, and fuel oxygenates. Should contamination be confirmed in deeper water-bearing zones, additional site assessment may be required.

Please include the results of the work in the Remediation Report and Soil and Groundwater Investigation Report due July 27, 2011.

Sincerely,

Paresh C. Khatri
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<http://www.acgov.org/aceh/index.htm>

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From: Patton, Avery [mailto:Avery.Patton@amec.com]
Sent: Thursday, May 12, 2011 4:34 PM
To: Khatri, Paresh, Env. Health
Cc: chevypat@aol.com; Conti, Ed
Subject: RE: Crown Chevrolet - CPT investigation

Hi Paresh –

As per our discussion earlier today, please see the attached brief document and figure regarding field methods for the proposed CPT investigation. The proposed sampling location is shown as location "W" on the figure.

Please let me know if you have any further questions. As we discussed earlier, we're hoping to perform this work this coming Monday. We have already applied for a Zone 7 permit, marked the locations, and called USA.

Thanks!
Avery

Avery Patton, P.G., LEED® AP

P: 510-663-4154

C: 415-378-3912

From: Patton, Avery
Sent: Tuesday, May 10, 2011 7:34 PM
To: 'Khatri, Paresh, Env. Health'
Cc: chevypat@aol.com; Conti, Ed
Subject: Crown Chevrolet - CPT investigation

Hi Paresh –

I am checking in about a few items related to the Crown Chevrolet site in Dublin, as related to your letter to Crown Chevrolet, dated April 29, 2011.

First, we mailed out the included fact sheet immediately; you should have received the personal certification of its mailing.

Second, we are in the process of revising our two work plans. We hope to submit a Revised Soil, Groundwater, and Soil Vapor Investigation Work Plan next week. A Revised Sump Remediation Work Plan will be submitted immediately following the public comment period, assuming we receive no comments.

Third, based on your request to collect groundwater samples from the second and possibly third water-bearing zones, **we would like to perform a CPT investigation this coming Monday, May 16**. This would allow us to collect useful geotechnical data to assist with the sump excavation design, as well as have vertical delineation of VOC contamination in groundwater as soon as possible.

Boring logs from other sites in the vicinity indicate that we may encounter a second water-bearing zone at approximately 30-35 feet bgs, and a third water-bearing zone at approximately 60-70 feet bgs. An evaluation of regional topography and the presence of surface water bodies indicates that groundwater flow would likely be in an approximately east to southeasterly direction. We propose to advance one CPT boring approximately 30 feet east to southeast of the sump. The CPT boring would be advanced to a maximum of 75 feet bgs to collect lithological data. Following that, we would advance two Hydropunch-type borings nearby (i.e., approximately 5 to 10 feet away) for collection of groundwater samples from the second and third water-bearing zones, if encountered above 75 feet bgs. Each boring would be grouted through the rods to avoid potential cross-contamination.

We'd like to know if you have any thoughts or comments on this approach. We do not anticipate having a revised work plan finalized before we'd like to perform this work, but are happy to supply you with some language specific to our CPT work, if that is useful.

I will also give you a call tomorrow morning to discuss.

Thanks,
Avery

Avery Patton, P.G., LEED® AP

Project Geologist

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