

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, November 13, 2017 4:58 PM
To: 'MacLeod, Carryl G'
Cc: Eva Hey (eva.hey@stantec.com); Molla, Natasha (NatashaMolla)
Subject: RE: RO412 / Chevron 91723 - 9757 San Leandro, Oakland

Hi Carryl,

Soil bore SB-24 was placed at the southwest end of the former waste oil UST and seemed to be an acceptable but not ideal location to detect potential HVOC vapor contamination. Based on the rose diagram constructed from site groundwater flow direction data, it was not placed downgradient, or between the former tank location and the warehouse. TVP-3 is, and based on a consistent flow component (vector) from MW-8 to the northeast, TVP-2 also appears to be downgradient in that portion of the site. My intent was to limit the sampling to areas downgradient of the former waste oil UST; however, Dilan is also not certain that other former site uses might have caused HVOC contamination elsewhere on the site as was reflected in groundwater at one time, and can remain in soil vapor. We could discuss this further in the meeting, now being tentatively rescheduled for a later January 2018 date, as it can be captured with vapor sampling from (semi-) permanent vapor wells, as is to be discussed in the meeting.

Regards,

Mark Detterman
Senior Geologist, PG, CEG
Senior Hazardous Materials Specialist
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PDF Copies of case files can be downloaded at:
<http://www.acgov.org/aceh/lop/ust.htm>

From: MacLeod, Carryl G [mailto:CMacleod@chevron.com]
Sent: Thursday, November 09, 2017 1:39 PM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Cc: Eva Hey (eva.hey@stantec.com) <eva.hey@stantec.com>; Molla, Natasha (NatashaMolla) <NatashaMolla@chevron.com>
Subject: RE: RO412 / Chevron 91723 - 9757 San Leandro, Oakland

Hi Mark

Thanks for getting back to me, I'm still not understanding as SB-24 was taken in-between the warehouse and the used oil tank, why are soil and groundwaters samples at SB-24 not sufficient evidence? Also, there was no discussion of HVOC's on the conference call, as we would have discussed what we have previously provided in groundwater and soil data.

While a portion of the warehouse is located downgradient of the Chevron site/waste oil tank, the entire warehouse building is downgradient of the Shell station. In addition, there is no information on the location of the Shell Station waste oil tank.

What would be your expectation should vapor samples at TVP-2 and TVP-3 exceed ESL's for HVOC's? Will you require Chevron to conduct additional delineation of HVOC's or would you require Shell to delineate?

I suggest we discuss the HVOC's in more detail during the November 28th meeting at your offices. We will be looking at all data including the vapor data to identify data gaps and the next scope of work.

Thank you,

Carryl MacLeod

Project Manager

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ALWAYS Do Every Task... The Right Way... Every Time!

From: Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]

Sent: Wednesday, November 08, 2017 4:11 PM

To: MacLeod, Carryl G <CMacleod@chevron.com>

Cc: Eva Hey (eva.hey@stantec.com) <eva.hey@stantec.com>

Subject: [****EXTERNAL****] RE: RO412 / Chevron 91723 - 9757 San Leandro, Oakland

Carryl,

In lieu of conducting HVOCs at all locations as was discussed in the conference call (I believe), my intent was to narrow the focus to vapor only downgradient of the former waste oil UST, for which we've only got SB-24 soil and grab groundwater data. In general ACDEH agrees that the site has established the lack of HVOCs upgradient of the waste oil UST. Our concern involves downgradient, and TVP-2 and TVP-3 are located downgradient (depending on gradient component used). The warehouse is additionally located downgradient of the former waste oil UST location.

Hope this helps with the rationale.

Mark Detterman

Senior Geologist, PG, CEG

Senior Hazardous Materials Specialist

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From: MacLeod, Carryl G [<mailto:CMacleod@chevron.com>]
Sent: Wednesday, November 08, 2017 3:37 PM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Cc: Eva Hey (eva.hey@stantec.com) <eva.hey@stantec.com>
Subject: RO412 / Chevron 91723 - 9757 San Leandro, Oakland

Hi Mark

Per my voicemail, I am trying to understand the continued effort to analyze for HVOCS on our site. We have conducted groundwater and soil sampling and analyzes for HVOC across the site and have shown there are no HVOCS on the former Chevron service station. In addition, we sampled and analyzed soil and groundwater immediately downgradient of the used oil tank for HVOCS and all were non-detect. The HVOCS have only been detected on the Shell station and downgradient of the Shell station.

As discussed in the work plan, no further analysis for HVOC's is warranted or proposed for this site. Please let me know if you would like to discuss further.

Thank you,

Carryl MacLeod
Project Manager
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