

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Thursday, March 16, 2017 2:16 PM
To: Roe, Dilan, Env. Health
Cc: Khatri, Paresh, Env. Health; 'Marion, Jennifer@Waterboards'; Lockwood, George@Waterboards
Subject: FW: Closure Denial Review CSM Meeting – San Francisco French Bread, 3924 MARKET ST., OAKLAND, ALAMEDA COUNTY (T0600101187)

Hi Dilan,

I just completed our conference call with the State Board. The call was attended by Jennifer Marion, George Lockwood, and myself. In addition to a presentation of the site history, we discussed data associated with the case.

Here is my brief summary: In May, 1991 a 500-gallon diesel UST was removed. Contamination was found beneath the tank, resulting in opening this case. ACDEH was about to close the case in 1999 but requested an additional round of sampling of the three groundwater monitoring wells. On July 21, 1999, a viscous product was observed in MW-1. On September 24, 2000, this product was also observed in wells MW-2 and MW-3. The viscous tar-like oily product, reported as similar to Bunker C, does not appear to be associated with the diesel UST release.

Additional investigations conducted in 2015 suggest a diesel-oil range petroleum hydrocarbon source may be present up gradient of the UST, as indicated by GGW sample concentrations collected from bores B-10 and B-11. Based on the TPHg fraction reported for the PHs, it may or may not be associated with the UST, but is certainly not associated with the Bunker C observed in the MWs.

During the conference call I expressed the opinion that based solely on the UST location and the reported direction of groundwater flow, the site may be closable under the LTCP. However, I noted contamination is undefined in the up gradient direction.

I indicated that it is not known if the up gradient contamination is associated with the UST. I suggested a transect in the northern portion of the property to define the source of the PHs. Post-call and the more I think about it, this investigation should be conducted as part of the current case. This is based in part on the effect the Bunker C presence may have had in influencing the gradient calculations used to determine what direction GW is flowing. Are B-10 and B-11 really up gradient?

Let's discuss:

1. Is the Bunker C part of the current case;
2. A decision tree if the PHs reported in B-10 & B-11 GGW samples are/are not associated with the UST removed in 1991; and
3. Based on the current SCM, is the case closable under the LTCP?

Keith

From: Nowell, Keith, Env. Health
Sent: Tuesday, March 14, 2017 12:21 PM
To: 'Jennifer.Marion@Waterboards.ca.gov' <Jennifer.Marion@Waterboards.ca.gov>
Cc: Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>

Subject: Closure Denial Review CSM Meeting – San Francisco French Bread, 3924 MARKET ST., OAKLAND, ALAMEDA COUNTY (T0600101187)

Hi Jennifer,

I have a tentative conference call on my calendar between ACDEH and the SB for 1 PM on 3/16. As you are the organizer, I am unable to see if Dilan has accepted. Please let me know if she has responded. If I get an opportunity I'll follow up with a reminder if she has not responded.

Thank you,
Keith

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

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