

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Wednesday, August 27, 2014 11:20 AM
To: 'Debra Moser'
Cc: Mike Rogers
Subject: RE: ABF drilling progress - separate phase hydrocarbons encountered

Thanks Debbie; the approach sounds reasonable.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
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<http://www.acgov.org/aceh/lop/ust.htm>

From: Debra Moser [mailto:djm@tsgcorp.net]
Sent: Wednesday, August 27, 2014 9:34 AM
To: Detterman, Mark, Env. Health
Cc: Mike Rogers
Subject: RE: ABF drilling progress - separate phase hydrocarbons encountered

Hi Mark,

The remaining borings at ABF did not have field evidence for impacts, so it looks like whatever we encountered is limited in extent.

We collected a separate-phase and water sample from that boring into an amber bottle, with the plan to do some sort of fingerprinting. That was my field call after finding out about the separate-phase. After talking with the lab, it sounds like the most cost-effective approach will be to analyze for gasoline-range organics and diesel-range organics (extended range), by 8260 and/or 8015. The lab can tell us informally whether the chromatograms match the gasoline or diesel standards.

We will have to decant samples from the amber bottle into VOA bottles for analysis. We will likely lose some volatiles, but should see PCE and breakdowns if present in significant quantities. For this one borehole, we would consider the VOC results qualitative rather than quantitative because of the extra decanting. The other boreholes had samples placed directly into VOAs, so the results will be quantitative.

We will keep you posted.

Thanks,
Debbie

Debra J. Moser, PG, CEG, CHG
Senior Geologist
Trinity Source Group, Inc.

119 Encinal Street
Santa Cruz, CA 95060

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Please note our new address.

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From: Detterman, Mark, Env. Health [mailto:Mark.Detterman@acgov.org]
Sent: Tuesday, August 26, 2014 2:17 PM
To: 'Debra Moser'
Cc: Mike Rogers
Subject: FW: ABF drilling progress - separate phase hydrocarbons encountered

Debra,

Thanks for the phone call a while back. You had indicated that you would be talking to the lab about analyzing / fingerprinting the FP. When you do so, please additionally inquire about analyzing for PCE. We may have a somewhat similar situation at another site where PCE is bound up in the hydrocarbon, thereby limiting significant PCE soil vapor problems. But it may also help to determine if the hydrocarbon is a source of the PCE now.

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From: Debra Moser [mailto:djm@tsgcorp.net]
Sent: Tuesday, August 26, 2014 12:57 PM
To: Detterman, Mark, Env. Health
Cc: Mike Rogers
Subject: ABF drilling progress - separate phase hydrocarbons encountered

Hi Mark,
Just left you a voicemail; this email is a follow up.

We are drilling the shallow borings at ABF Oakland today, to do the HVOC delineation inside the maintenance building. (Map attached)

I just got a call from the field, with a report that the groundwater at the boring next to SG-6/SVP-2 has separate-phase hydrocarbons, with gasoline odor. Photo attached; looks like about 3 inches of separate-phase. Groundwater was encountered at about 7 feet deep. They say the TPH smells like fresh gasoline. Shallow soils at that location appear clean. We are not collecting a groundwater sample at this location.

The borings to the west and south of the one in question are complete, with no unusual results. The boring to the north is in progress, and no TPH field evidence at groundwater. Still have one boring to the north and one to the east to complete.

In view of this unexpected find, we recommend testing the groundwater for TPHg , TPHd, and BTEX, in addition to PCE and breakdown products.

Please confirm if this plan is ok with you, and if there is any additional reporting we need to do.

Thanks,
Debbie

Debra J. Moser, PG, CEG, CHG
Senior Geologist
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