

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Wednesday, September 25, 2013 4:00 PM
To: Ruben Byerley (ruben.byerley@yrcfreight.com); 'D'Sa, Christopher P (Chris)'; Barber, Simon
Cc: Roe, Dilan, Env. Health
Subject: RO39 - Roadway Express- 1708 Wood Street
Attachments: Attachment A Site Conceptual Model.pdf

Thank you for participating in the conference call this afternoon to discuss the status of the case for Roadway Express located at 1708 Wood Street, Oakland, Alameda County Environmental Health (ACEH) case file # RO0000039. The discussion identified ACEH concerns regarding potential data gaps for the site. As part of the call ACEH stated it would provide an example site conceptual model (SCM) as an attachment (Attachment 1) to this discussion re-cap. The site was separated in two parts, one discussing the central-eastern site area and the other discussing the northwestern site area.

Northwestern site area:

Two underground storage tanks (USTs) were previously abandoned in place in the northwestern site area. The contents of the USTs was not reported, only that the tanks were backfilled by a sand-slurry mix.

- Please evaluate if the appropriate scope of analyses for these tanks was performed in light of the lack of history of tank usage. Reference the California State Water Resources Control Board's (SWRCB) Leaking Underground Fuel Tank (LUFT) Guidance Manual.
- Discuss if the elevated petroleum hydrocarbon concentrations as demonstrated in grab groundwater in sample BM-8 and excavation soil sample SW4-3.6 may be influenced by preferential pathway and explain if it presents an off-site risk.
- Please evaluate the completeness of the soil and groundwater investigation for this area.

Central-eastern site area:

- Please evaluate if the appropriate scope of analyses was performed for the 2,000-gallon oil tank, referenced as a motor oil UST and subsequently as a waste oil (WO) UST. Please reference the SWRCB LUFT manual for the analysis scope.
- Two sets of three groundwater monitoring wells are currently present at the site. One set of wells, MW-3, MW-4 and MW-5, are screened from 10 to 30 feet as measured from below the ground surface (bgs) and one set screened from 5 to 10 feet bgs. Please discuss the hydrology at the site and explain why one set of wells typically demonstrated a groundwater flow in the reverse direction of the other set.
- Discuss if the well network is adequate to monitor groundwater at the site in light of the different directions of groundwater flow.
- Please determine if VOC data has been collected or is available for the WO UST. ACEH indicated groundwater monitoring wells MW-3 and MW-8 could be sampled for VOCs at a future date if no existing data is located.

Please email a draft report that discusses these items to the attention of Keith Nowell (keith.nowell@acgov.org), cc'ing Dilan Roe (dilan.roe@acgov.org), in accordance with the following schedule:

- **October 30, 2013- Draft Work Plan**

Thank you for your cooperation. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org.

Sincerely,
Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist

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