

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, January 03, 2011 2:41 PM
To: 'Grover Buhr'
Cc: 'Lia Holden'
Subject: FW: Request for Extension: 1400 Powel, Emeryville, RO67

Grover,
FYI...

*Mark Detterman
Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org*

PDF copies of case files can be downloaded at:

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

From: Detterman, Mark, Env. Health
Sent: Monday, January 03, 2011 2:37 PM
To: 'Lia Holden'
Cc: Moise, Ted (TRC Solutions Inc)
Subject: RE: Request for Extension: 1400 Powel, Emeryville, RO67

Hi Lia,

Thank you for the work update and the news in regards to the limited field work dates at the site. The proposed extension is reasonable. Please use this email as confirmation of a revised submittal date.

Regards,

*Mark Detterman
Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
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Direct: 510.567.6876
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From: Lia Holden [mailto:LHolden@deltaenv.com]
Sent: Monday, January 03, 2011 9:24 AM
To: Detterman, Mark, Env. Health

Cc: Moise, Ted (TRC Solutions Inc)

Subject: Request for Extension: 1400 Powel, Emeryville, RO67

Hello Mr. Detterman,

For the subject site, we have initiated activities for field activities as proposed in Delta's *Work Plan for Soil and Groundwater Investigation*, dated May 19, 2010 and approved in your directive letter dated December 2, 2010. The site owner has requested that we limit our drilling activities to days to Fridays, Saturdays, and Sundays to minimize business interference. We have conducted the utility locate and underground service alert mark-out and have obtained drilling permits for the well installations.

The schedule to conduct the investigation as follows:

- o Utility locate and USA Marking - **Dec 28th** (Tues) - Completed
- o Clear borings using air excavation: **Jan 7th and 8th** (Fri-Sat)
- o Drill and install monitoring wells: **Jan 14th, 15th, 16th** (Fri, Sat, Sun)
- o Well development: **Jan 21st, 22nd** (Fri, Sat)
- o Well sampling: **Jan 25th** (Tues)

To accommodate the property owner's request, and due to the December and January holidays, we are limited by weekend and available drilling dates. With the current field schedule, our final groundwater analytical data will be obtained only two days prior to the January 31st deadline (with a rush analysis).

As this is the case, Delta respectfully requests an extension of the January 31, 2011 deadline, to **February 28, 2011**. This additional time will allow for proper data evaluation, report preparation and data presentation, as well as the client's review of the draft report prior to final report submittal.

Your consideration is greatly appreciated,

Lia

Lia Holden, PG | Geologist - Project Manager | North American Operations
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From: Detterman, Mark, Env. Health [mailto:Mark.Detterman@acgov.org]
Sent: Thursday, December 09, 2010 10:03 AM
To: Lia Holden; dehloptoxic, Env. Health; Moise, Ted (TRC Solutions Inc)
Cc: gsears@warehamproperties.com; Matt Hall; Drogos, Donna, Env. Health; 'roya.kamblin@aecom.com'; 'Grover Buhr'
Subject: RE: ACEH Correspondence for RO67

Hi Lia,

Thanks for your email. What you have proposed is a reasonable way to manage the upper water-bearing intervals at the site; in particular in horizons that are clay rich. Please use this email as confirmation of ACEH acceptance of this approach.

Best,

*Mark Detterman
Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
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Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org*

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From: Lia Holden [mailto:LHolden@deltaenv.com]
Sent: Monday, December 06, 2010 2:47 PM
To: dehloptoxic, Env. Health; Moise, Ted (TRC Solutions Inc)
Cc: gsears@warehamproperties.com; Matt Hall; Drogos, Donna, Env. Health; Detterman, Mark, Env. Health; Roya.kamblin@aecom.com
Subject: RE: ACEH Correspondence for RO67

Mr. Detterman,

Per our telephone conversation and your directive letter dated December 2, 2010, Delta will make every effort to minimize well-screen length in each water bearing zone. During the 2009 CPT investigation conducted by Delta, groundwater was noted and sampled between 6 and 8.5 feet below grade in CPT-1; however, in a similar permeable shallow layer (encountered in CPT-5) water was encountered at 8 feet below grade and sampled at the 8 to 10.5 feet interval. Within the shallow permeable sediments found in CPT 4, groundwater was not encountered between depths of 5 and 12 feet in sufficient volume to collect a groundwater sample.

With the above information, and as we discussed on the phone today, Delta proposes to set the well screen in the A Zone at an interval of 5 to 12 feet below grade--a 7-foot screen interval. This will aid in the shallow table intersecting the screened interval (without submerging the screen) and will help prevent setting a dry well.

For the B-Zone wells, we anticipate meeting the 5-foot screen length requested by ACEH. The screens in these wells are anticipated to extend from from 18 to 23 feet below grade, or 20 to 25 feet below grade, depending on the exact depth of the permeable layer defining this zone. As this is zone appears to be confined, bound by continuous low-permeability sediment layers, submerged screens are not a concern.

The precise screen intervals in both the A- and B- Zones will be contingent upon field observations (lithology & depth to first water). The borings will be continuously logged to ensure that the permeable layer is encountered where anticipated and that we are able to more clearly define the depth to first water during boring advancement.

Please let confirm that this email will suffice for that which you requested in your directive letter.

Thank you again for your time.

Lia

Lia Holden, PG | Geologist - Project Manager | North American Operations
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From: dehloptoxic, Env. Health [mailto:deh.loptoxic@acgov.org]
Sent: Thursday, December 02, 2010 3:38 PM
To: 'bill.borgh@conocophillips.com'
Cc: Lia Holden; 'gsears@warehamproperties.com'; 'Matt Hall'; Drogos, Donna, Env. Health; Detterman, Mark, Env. Health
Subject: ACEH Correspondence for RO67

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000067.

Please add our e-mail address to your address book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH