

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, July 30, 2018 2:09 PM
To: 'David Siegel'
Cc: michael beritzhoff
Subject: RE: 2449-2451 Santa Clara RO3225

Dave,
Per your request, I've extended the submittal date until September 14, 2018. This should be more than sufficient; however, let me know.

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

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

From: David Siegel [mailto:dave@eras.biz]
Sent: Monday, July 30, 2018 11:23 AM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Cc: michael beritzhoff <mikeberitzhoff@sbcglobal.net>
Subject: RE: 2449-2451 Santa Clara RO3225

Good morning Mark, thanks for your assistance and response.

This e-mail is to request an extension for the due date for the workplan we are preparing for the subject site. The Figure 2 referenced below will be incorporated into the Data Gap workplan that was requested in your letter dated October 9, 2017.

Best regards, Dave

From: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Sent: Thursday, July 19, 2018 3:31 PM
To: David Siegel <dave@eras.biz>
Cc: michael beritzhoff <mikeberitzhoff@sbcglobal.net>
Subject: RE: 2449-2451 Santa Clara

Dave,
I've attached a scan of your Figure 2 with my thoughts as to bore locations. These will be both similar and slightly different than discussed in the meeting. This is offered for discussion purposes, but are based on the following thinking:

- 1) Review of the Goodman Property (RO884), located directly across Everett Street from the subject site, indicates consistent groundwater flow to the northeast. This is different that the flow direction indicated in your figures. As such I suspect the two contingency bores placed in the parking structure north and west of the property may not be needed, but it won't hurt to keep them for future potential use either at those locations, or at others if we reach agreement beforehand.
- 2) Other bores (non-contingency) in that parking structure (on 2447 Santa Clara) appear appropriate to help define elevated groundwater contamination in SB-6 and B-4. I've placed one to the northeast at the limits of the parcel to define groundwater in this direction because a residence is just past the parking lot. I've also placed a contingency in the parking lot should the added bore not define groundwater in this direction. This would require access.
- 3) I've placed a shallow bore at SB-4 / B-3 to collect analytical in shallow soil (0 to 5 ft depth interval) based on staining in the 0 -5 foot interval and elevated groundwater at the two bores. This is for TPHd, TPHo, and naphthalene to supplement data not collected previously.
- 4) Similarly I've placed a shallow bore at B-8 to collect TPHd, TPHo, and naphthalene analytical data to supplement data not collected previously. I am attempting to document a bioattenuation zone is present for to at least 5 feet in these locations which have had some indications of contamination.
- 5) I've added two bores in Everett Street northeast of these last two locations based on the groundwater flow at the Goodman Property across Everett Street since we are attempting to define groundwater to WQOs. An additional one could be placed northeast of B-6 or B-1 to define those detections in groundwater at those locations. These locations would need soil in the 0 – 5 and 5 – 10 foot zones (based on signs of contamination), and a groundwater sample.
- 6) The vapor pin locations look reasonable.

Since a work plan was already requested in our October 9, 2017 letter, you should request an extension so that the work plan you submit is within the deliverable due date in order to keep the site in compliance with the UST Fund, in case funding is sought.

Let me know if you have questions or thoughts, as the intent of this is for discussion purposes.

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

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From: David Siegel [<mailto:dave@eras.biz>]
Sent: Wednesday, June 20, 2018 4:44 PM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Cc: michael beritzhoff <mikeberitzhoff@sbcglobal.net>
Subject: 2449-2451 Santa Clara

Hi Mark, I am getting close to finishing a workplan for this project and in re-reading my notes from our meeting, I realized I was supposed to send you this proposal borings map ahead of time. I am sending you the draft map with TPH-dro/TPH-oro and Naphthalene concentrations.

Based on our utility search, virtually all of the underground utility lines are in a direction up-gradient (to the southeast). We therefore are concentrating on the area down-gradient (northwest to northeast) of SB-6 and have two contingency borings.

Thanks for your assistance, Dave

David Siegel
Senior Program Manager
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541
(510) 247-9885 x304
dave@eras.biz