

## Wickham, Jerry, Env. Health

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**From:** Elena Manzo [emanzo@somaenv.com]  
**Sent:** Tuesday, March 13, 2012 4:21 PM  
**To:** Wickham, Jerry, Env. Health  
**Subject:** RE: Drilling Update for 2844 Mountain Blvd, Oakland, CA

Hi Jerry,

Correct, my hope was to collect data with DPT (PIDs and lithology) in lieu of CPT/MIP. However, since we last spoke, we had some further developments with this site. As we were advancing our on-site CPT/MIP, half way through the day AT&T responded to our remark request (I don't believe they didn't respond to the original ticket) and marked the rest of the street where we still had some room for the DPT advancement. Our drillers have requested a liability waiver if they were to drill anywhere on that side of the street.

I am working on an updated utility map. I would like to see if we can advance one, possibly two borings (DPT) in the traffic lane closer to the site (where drillers might be a little more comfortable with drilling, since utilities are not as numerous) . Based on our most recent monitoring event the well RS-4, located near the pump island, exhibited the highest TPH concentrations and advancement downgradient of that well might be helpful to the overall investigation. We will have to revise our traffic control from "a lane shift" to "a lane closure", but I feel confident that we can do it and still keep our original off-site drill date of March 15th, since we already notified everyone including neighbors of this road work and have obstruction permits for that date. My hope is that we are able to advance a continuously logged DPT (hand cleared) in the street on Thursday and collect soil and water samples from it, and also advance our confirmation DPTs on-site on Friday. I hope this makes sense. I will email you our revised map as soon as I have it ready with possible boring location(s). Please let me know if you have any questions.

Sincerely,

Elena

*Elena Manzo*  
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**From:** Wickham, Jerry, Env. Health [<mailto:jerry.wickham@acgov.org>]  
**Sent:** Tuesday, March 13, 2012 3:53 PM  
**To:** Elena Manzo  
**Subject:** RE: Drilling Update for 2844 Mountain Blvd, Oakland, CA

Elena,

For the two off-site borings, you are planning to collect the required data using DPT borings only instead of using CPT/MIP and then advancing the borings. Is this correct?

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**From:** Elena Manzo [<mailto:emanzo@somaenv.com>]  
**Sent:** Monday, March 12, 2012 11:16 AM  
**To:** Wickham, Jerry, Env. Health  
**Subject:** Drilling Update for 2844 Mountain Blvd, Oakland, CA

Dear Jerry,

As you know this week we started out drilling at Mountain Blvd. We encountered some difficulties with our off-site drilling this morning. It appears that we are still able to advance our on-site CPT/MIPs but due to the overwhelming number of utilities in the street, the CPT/MIP advancement on Mountain Blvd will not be possible at this time. I called in the USA a week in advance and I went to the site with our private utility contractor last Friday to finalize the CPT drilling locations. We located the two areas in the street, which were somewhat clear of utilities. When we came in this morning, we now have several additional fiber optic markings which were not there on Friday and were put right over our "cleared" areas, it appears they were put there sometime late Friday (after 3pm) or during the weekend. After looking at it for a while, the drillers are not comfortable advancing the off-site CPT/MIPs in the midst all these lines, since for anchoring purposes we can't hand clear the top 5 feet.

We are doing our on-site CPT/MIPs today and are still scheduled to implement our DPT this coming Thursday-Friday. Our drillers think that we might be able to fit the two off-site DPTs somewhere in the street or in the dirt (shoulder) area. We will continuously log the two off-site DPTs and will record PIDs and collect soil and groundwater samples, which should give us the necessary data for our cross-sections. For the two on-site DPT location we propose to adhere to our workplan and only continuously log and sample one (to verify the CPT/MIP data) and only sample the second one. Please let me know if this scope modification is acceptable. I will keep you updated on our progress, especially in connection with our off-site work (I hope that no new utilities will pop up between now and Thursday). Please do not hesitate to call me if you have any questions or concerns.

Sincerely,

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