

## **Detterman, Mark, Env. Health**

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**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, February 23, 2017 4:10 PM  
**To:** 'David Siegel'  
**Cc:** michael beritzhoff; Kasey Cordoza; Andrew Savage  
**Subject:** RE: 2449 Santa Clara, Alameda RO0003225

Hi Dave,

Unless I am misreading your email, it appears that your email is substantially changing the scope of the approved work plan, namely moving from collecting soil samples in the 0 – 5 foot depth interval to just collecting groundwater samples from the proposed bores. ACDEH has two concerns with this approach:

- 1) The LTCP requires soil sampling in both the 0 -5 and the 5 – 10 foot depth intervals as a site is characterized. I am in agreement that the vast majority of soil samples to date have very limited soil contamination; however, the source areas have not been substantially identified or explored and require characterization to confirm they are similar to soils previously sampled and analyzed. The collection of additional groundwater samples will help characterize the extent of any groundwater plume, also an LTCP requirement.
- 2) The email also appears to limiting the TPH analysis at areas that have not been explored to TPHg only. Since no one is aware that it really was a “gasoline” dispensing facility only, it is reasonable to analyze new soil samples for the full range of TPH. One method to limit costs would be to do a hydrocarbon range analysis in order to determine the appropriate TPH range to analyze for at the site.

Let me know how you want to proceed. Due to these substantial changes, ACDEH will need to require at least a letter containing the rationale and the figure, as well as the standard “Submittal Acknowledgement” statement (replacing the perjury statement) as mentioned in the January letter.

Let me know if you have questions,

*Mark Detterman*  
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*PDF Copies of case files can be downloaded at:*  
*<http://www.acgov.org/aceh/lop/ust.htm>*

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**From:** David Siegel [mailto:dave@eras.biz]  
**Sent:** Monday, February 13, 2017 10:25 AM  
**To:** Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>  
**Cc:** michael beritzhoff <mikeberitzhoff@sbcglobal.net>; Kasey Cordoza <kasey@eras.biz>; Andrew Savage <andrew@eras.biz>  
**Subject:** 2449 Santa Clara, Alameda RO0003225

Hi Mark, as requested in the January 18, 2017 letter I have attached a revised Figure 2 from the August 24, 2016 workplan. Three soil borings were added to the Figure.

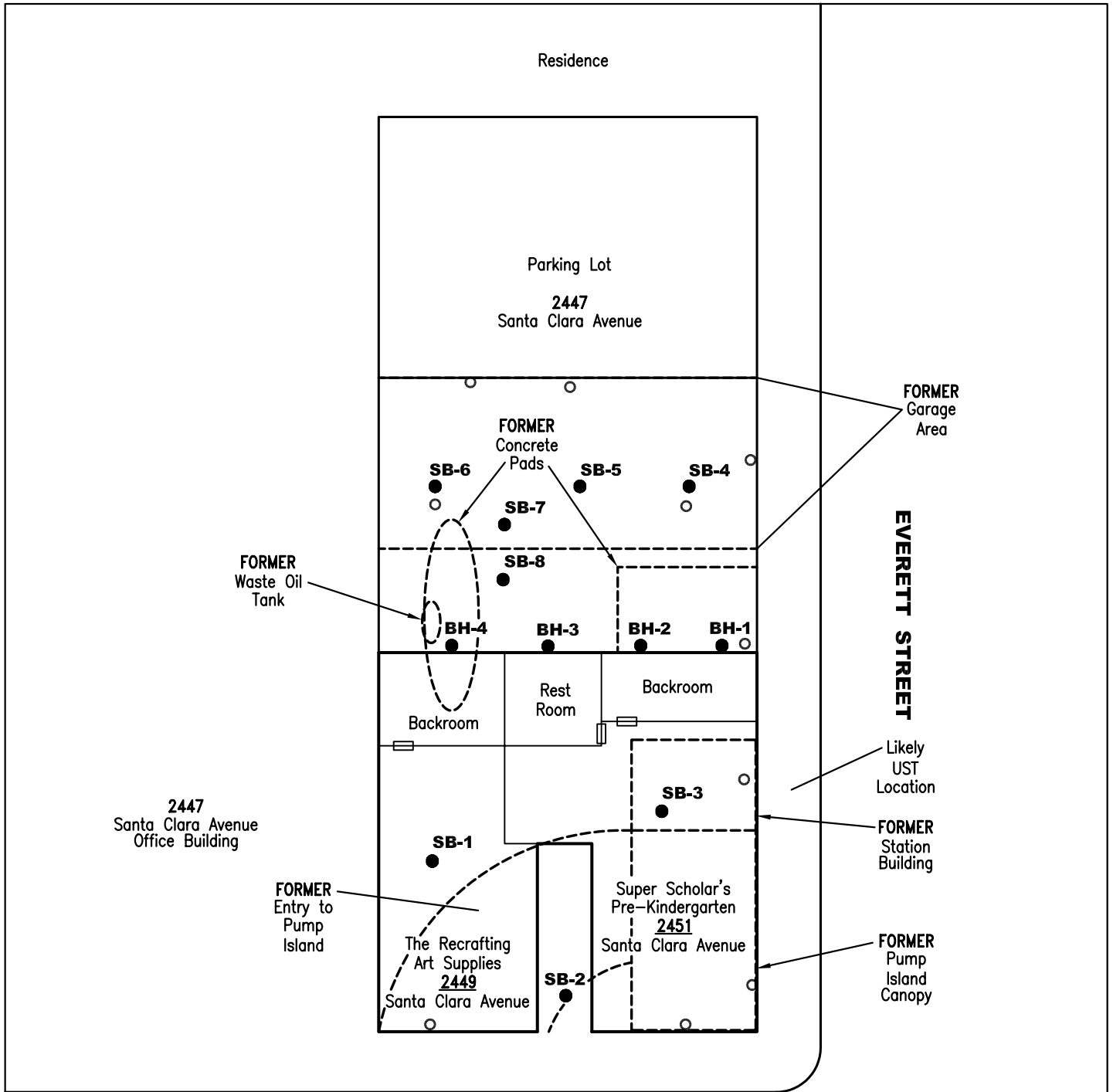
Although the letter requested as submittal of revised workplan, the top of page 2 indicated the proposed scope of work was conditionally approved pending receipt of the revised Figure 2.

Regarding the proposed laboratory analyses, the August 24 workplan indicated a selected soil sample from the 0-5 foot depth interval would be analyzed for TPH-oro and BTEX. Since the real issue is TPH-dro and TPH-oro in GROUNDWATER, the groundwater samples will be analyzed for those contaminants with and without silica gel cleanup AND for VOCs which include BTEX. Finally the samples from the four borings near the former pumps and likely fuel UST locations will also be analyzed for TPH-gro.

Please let us know if there are any other information required, if the proposed analyses are what are expected and if there are any other questions.

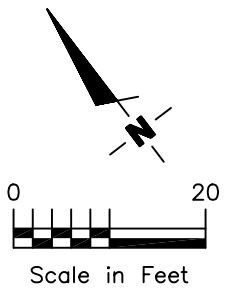
Best regards, Dave

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**EXPLANATION**

- Soil boring
- Proposed borings



**SITE PLAN w/PROPOSED BORINGS**

DATE  
02/2017  
REVIEWED BY  
AS/DS

2449-2451 Santa Clara Avenue  
Alameda, California

JOB NUMBER  
16080  
FIGURE  
2

**ERAS Environmental Inc.**