

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Monday, June 30, 2014 3:38 PM
To: 'Yola Bayram'
Cc: Steve Michelson
Subject: RE: RO#151 1700 Jefferson Oakland, CA

Yola and Steve,

Thanks for the updated site figure. The proposed additional bore is noted. I'm not sure however if it is placed at the same location as the "pit" as the "pit" appears to be pretty close to the northern corner of the lot. I do note that property lines have shifted at the site over time. I ask only that an effort to co-locate the two is made.

I also would highly encourage and recommend that you to install the vapor wells as "permanent" features as discussed in the directive letter. That was my intent in the letter. The locations appear appropriate to gather good data on vapor risk at the site and vicinity. If additional vapor wells are deemed necessary, they can be proposed and installed based on this information. Repeat data is likely essential at this particular site, and these locations will already be installed, rather than waiting for another work reiteration.

I'll look forward to seeing the foundation report.

Thanks,

Mark Detterman

Senior Hazardous Materials Specialist, PG, CEG

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PDF copies of case files can be downloaded at:

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

From: Yola Bayram [<mailto:ybayram@awrcorp.net>]

Sent: Monday, June 30, 2014 11:31 AM

To: Detterman, Mark, Env. Health

Cc: Steve Michelson

Subject: RO#151 1700 Jefferson Oakland, CA

Hi Mark –

This email follows our telephone conversation on June 24, 2014. As we discussed, we generally concur with your letter dated June 19, 2014 and plan to implement the scope of work as described in your letter, subject to the following comments:

Para 1.a Please see the original work plan for a further description of the collection and retention of soil samples for the purposes of characterizing the soil.

An additional soil boring will be advanced in the area of the pit in the northwestern portion of the property. The revised Figure 4 is attached.

Para 1.b We plan to collect soil samples for lithologic characterization in all borings. We plan to collect shallow and smear zone soil samples for analysis only if they reveal staining, odors, and/or PID measurements above 10ppm.

In the courtyard, vadose zone soil samples will be collected between 0-5ft and 5-10ft and from the smear zone. However, because the courtyard is about 11 ft below adjacent grade and depth to ground water is about 20 ft below grade, it's likely that the 5-10ft zone will be in the smear zone.

Para 1.c Please note that the analytical suite was described in the original Work Plan. As requested, we will add the analysis of oxygenates, ethanol, methanol, and lead scavengers to the grab ground water samples.

Para 1.d Please note that the purpose of the soil vapor samples collected along the utility lines was to assess the potential of a preferential pathway from the Site towards MW-5, and was not to assess risk to indoor air, thus the "relaxed" protocol to collecting these samples.

Soil vapor samples will be collected from points (temporary locations). Based on these data, recommendations for permanent soil vapor wells will be provided in the technical report.

While Google Earth indicates that the courtyard is about 13 feet below adjacent grade, measurements at the site show it to be about 11 feet. Regardless, the depth from which soil vapor samples are collected will be based on information describing the foundation and other infrastructure associated with the building construction.

Para 2 & 3 Please note that a well survey was scoped in the original work plan and will consist of a review of both the DWR and ACPWA databases.

Prior to collecting soil vapor wells to assess risk to indoor air, we will investigate construction details of the foundations and other pertinent subgrade infrastructure of the ARC building, the adjacent apartment building, and the building adjacent to MW-5. This information will be conveyed to you in a technical report along with recommended depths that the soil vapor wells will be constructed.

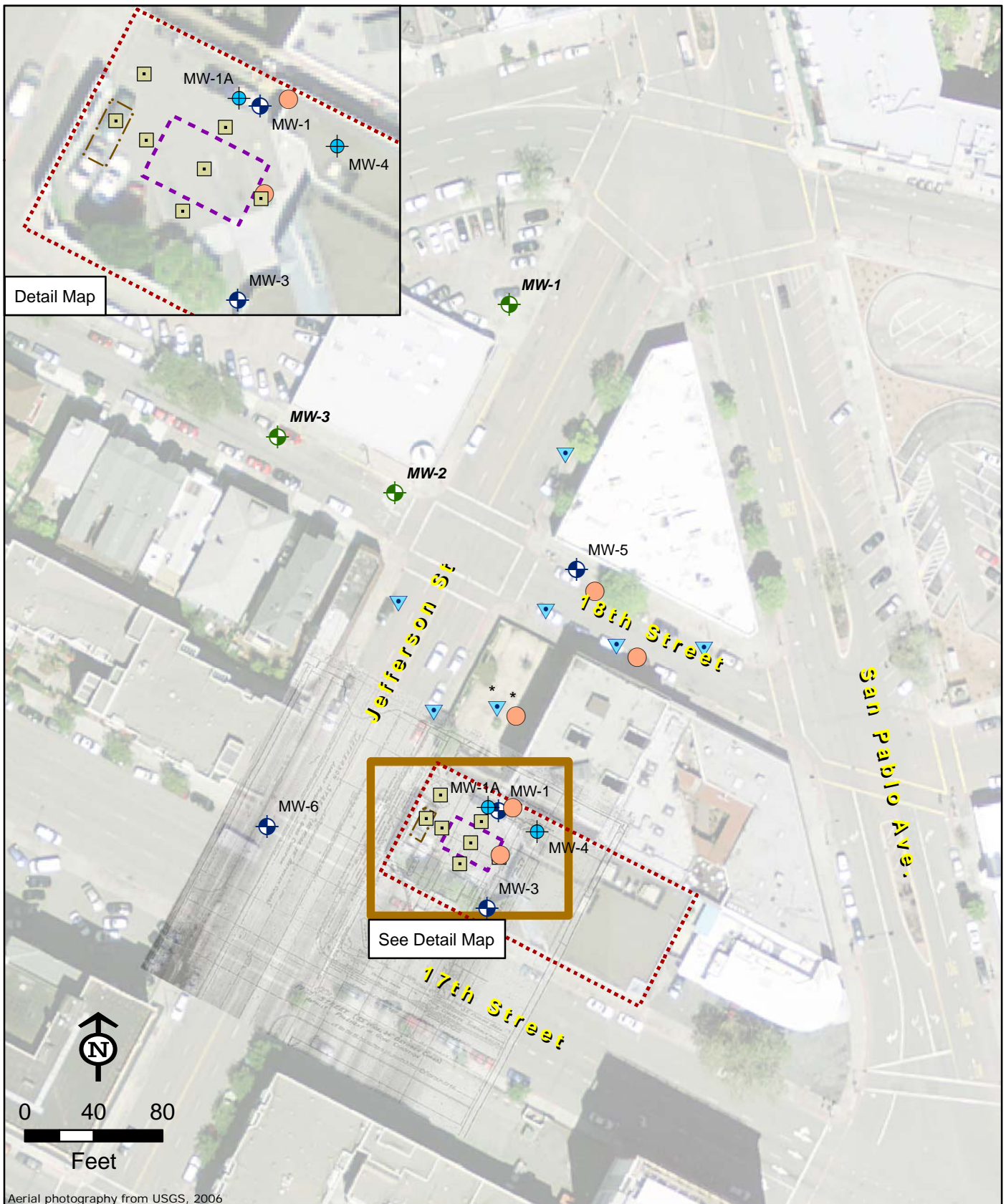
Para 4 OK

Para 5 OK

We plan to implement in accordance with the schedule in your letter.

Thank you!

Yola Bayram
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Aerial photography from USGS, 2006



Figure - 4
Proposed Sampling Locations
1700 Jefferson Street,
Oakland, CA

- Proposed Soil Gas Well
 - Proposed Soil Sample
 - Proposed Ground Water Sample
 - Monitor Well
 - Extraction Well
 - 612 18th Street Monitor Well
 - Tank Removal Excavation Area (approx)
 - Property Boundary
 - Former Dispenser Island (approx)
- * = If Access Allowed