

**From:** [Soo, Kit, Env. Health](#)  
**To:** "Kalve, Erica"  
**Cc:** [Tan, Angeline](#); [Steven Greenwood](#); [Roe, Dilan, Env. Health](#)  
**Subject:** RE: Proposed Indoor Air Sampling Locations - RO0411  
**Date:** Friday, February 10, 2017 12:54:00 PM  
**Attachments:** [image002.png](#)  
[Figure - Proposed Building 200 Indoor Air Locations.pdf](#)

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Dear Mr. Greenwood,

Alameda County Department of Environmental Health (ACDEH) approves of the four proposed locations inside Building 200, as proposed by your consultant Arcades in the email below and the attached Figure 3. Please implement the work, together with the rest of the indoor air sampling proposed for Building 300, in the *Building 200 and 300 Indoor Air Monitoring Work Plan for the Former Pacific Electric Motors Site*, dated September 28, 2016 as planned. Please also refer to the Alameda County Department of Environmental Health (ACDEH) directive letter dated November 17, 2016.

In addition, we understand from your consultant that you plan to sample during the President's Day Holiday on February 20, 2017, and the day after (February 21, 2017). However, we were also notified that the availability of summa canisters from the laboratory is currently a major limiting factor and the work may be delayed if they are not available during the required time. We would like to stress that we would prefer that this work be performed as planned to avoid any delays if possible.

If you have any questions, please let me know.

Thanks,

**Kit Soo, PG**

**Senior Hazardous Materials Specialist**

Alameda County Department of Environmental Health (ACDEH)

1131 Harbor Bay Pkwy

Alameda, CA 94502

Direct - 510-567-6791

[kit.soo@acgov.org](mailto:kit.soo@acgov.org)

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**From:** Kalve, Erica [mailto:Erica.Kalve@arcadis.com]  
**Sent:** Wednesday, February 08, 2017 11:54 AM  
**To:** Soo, Kit, Env. Health <Kit.Soo@acgov.org>  
**Cc:** Tan, Angeline <Angeline.Tan@arcadis.com>; Steven Greenwood <Steven.Greenwood@aspirepublicschools.org>  
**Subject:** Proposed Indoor Air Sampling Locations - RO0411

Hi Kit,

We conducted a site walk at Building 200 to identify potential indoor air locations. During the site

walk we observed the following:

- Building 200 does not have a central HVAC system. Each room has its own climate control system.
- There are two pipe penetrations that housed utility (see attached figure) that goes into the 2<sup>nd</sup> floor.
- All the classrooms are approximately the same size.

Therefore we are proposing to collect the following locations as shown in the attached figure:

- One indoor air sample in the room with the pipe penetration on the 1<sup>st</sup> floor
- One indoor air sample in the room without the pipe penetration on the 1<sup>st</sup> floor
- One indoor air sample in one of the bathroom on the 1<sup>st</sup> floor
- One indoor air sample in the room with the pipe penetration on the 2<sup>nd</sup> floor

We think that the collection of the proposed indoor air samples are representative of indoor air quality in Building 200.

Please let us know if this proposed sample layout is acceptable. We look forward to hearing from you.

Best regards,  
Erica

**Erica Kalve, PG** | Principal Geologist | [erica.kalve@arcadis.com](mailto:erica.kalve@arcadis.com)  
**Arcadis** | Arcadis U.S., Inc.  
100 Smith Ranch Road, San Rafael, California | 94903 | USA  
T. +1 415 491 4530 x22 | M. + 1 510 206 4514

Professional Geologist / PG-CA, #8425

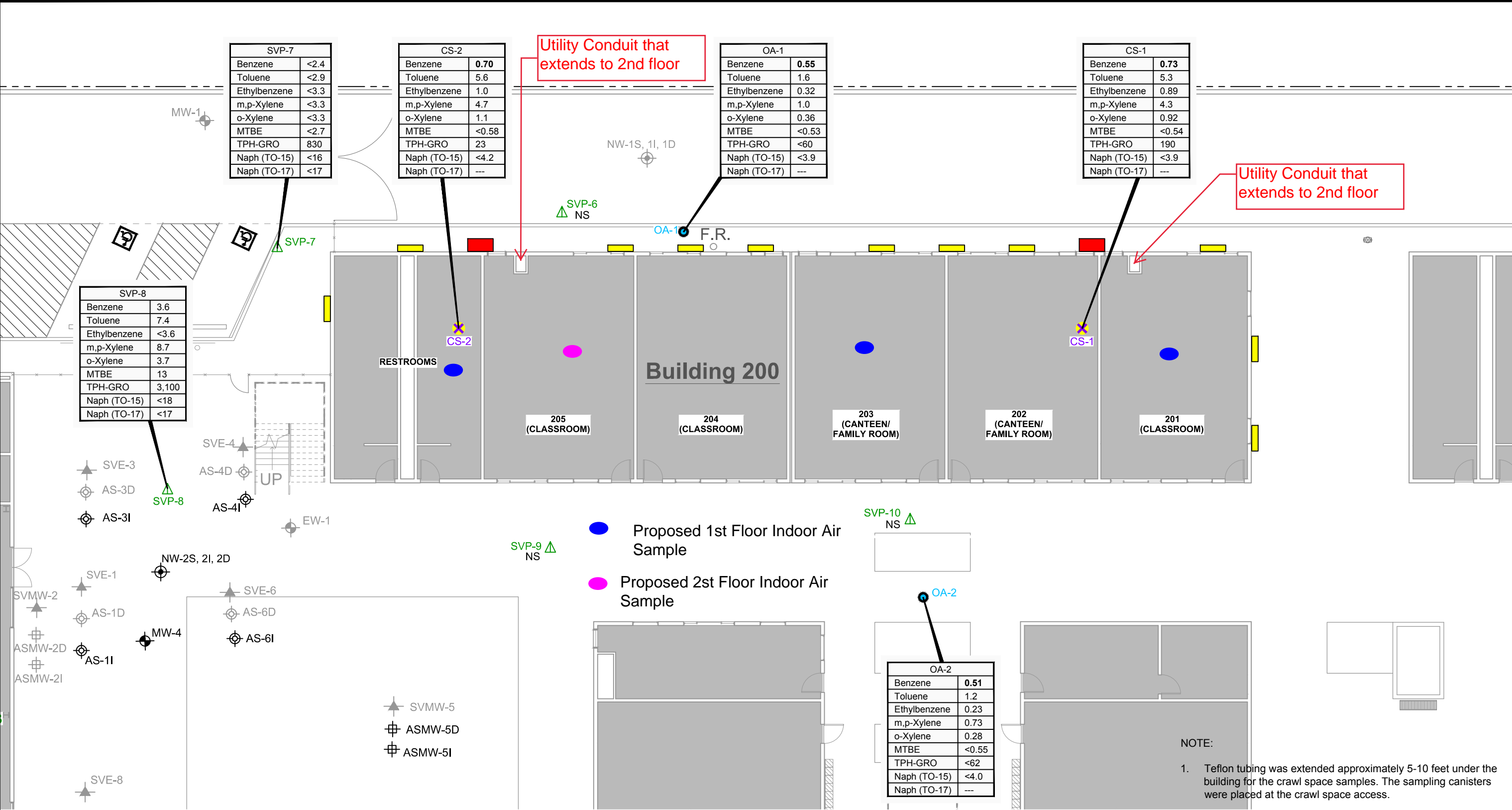
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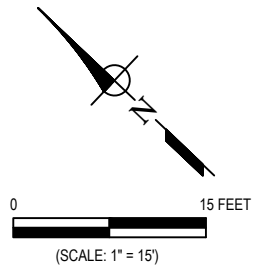
**Be green, leave it on the screen.**

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SVE = Soil Vapor Extraction  
 MTBE = Methyl Tertiary-Butyl Ether  
 TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics  
 Naph (TO-15) = Naphthalene Sampled Using USEPA Method TO-15  
 Naph (TO-17) = Naphthalene Sampled Using USEPA Method TO-17  
 < = Not Detected above the Laboratory Reporting Limit Given  
 NS = Not Sampled  
 --- = Not Sampled for Naph (TO-17)  
**BOLD** = Indicates Result above the Screening Level  
 All Results are in Micrograms per Cubic Meter ( $\mu\text{g}/\text{m}^3$ )



1009 66TH AVENUE, OAKLAND, CALIFORNIA

**BUILDING 200 SOIL VAPOR AND CRAWL SPACE LOCATIONS AND ANALYTICAL RESULTS**

**ARCADIS**

FIGURE **3**