

## Nowell, Keith, Env. Health

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**From:** Andrew Warner <andrew@cityventures.com>  
**Sent:** Thursday, January 04, 2018 11:09 AM  
**To:** Roe, Dilan, Env. Health; Nowell, Keith, Env. Health  
**Cc:** Tom Graf (tom@grafcon.us); Greg McIver; Erik Harz  
**Subject:** RO0003157 and GeoTracker Global ID T10000006445, City Ventures, 2240 Filbert Street, Oakland

Dilan and Keith,

Thank you for meeting with us on Tuesday. Below are my notes from the meeting regarding the pressure testing at Building 6. If all the testing goes according to plan, our goal is to show that there is no risk to homeowners from the methane levels at Building 6. That will eliminate the need for a Soil Management Plan, Institutional Controls, VMS and Land Use Covenant. This is the last issue to resolve for Closure.

Here is the schedule we discussed that gets the project to Closure:

- Workplan submitted to ACEH and Waterboard by Jan 12.
- Workplan approved no later than Feb 12.
- On-Site pressure data collection starts on Feb 13 and completes on Feb 23
- Final Report submitted to ACEH on March 9.
- Closure issued by ACEH prior to June 30.

As we discussed, we would request authorization to start construction on Building 6 shortly after the March 9 report is submitted (presuming the report indicates that the VMS is not required).

### **Questions from ACEH to be addressed in the Workplan (use footnotes to reference the guidance document and conversations with guidance authors):**

- In the workplan, overlay the GW and previous Vapor data to define the location of the probes.
- How does temperature effect pressure? Tom indicated that pressure variance for temperature is not significant, but we'll need to show this in the workplan.
- How much water is needed for sufficient soaking per the soil type?
- How is the depth and horizontal alignment of the vapor probes determined? Additional methane samples will be required to determine this.
- How does the slab/building atop the methane effect pressure?
- How does high groundwater effect pressure?

### **Additional notes:**

Confirmed that "Seasonal testing" is not required because we are doing "worst case scenario" testing. In addition, we do not need to do a "dry" test.

Provide examples of sites where VMS has been eliminated due to lack of pressure.

Confirm that excavations in soil post closure will not have the potential for methane to catch fire

Please let me know if you think I missed anything.

Thank you!

### **Andrew Warner**

Director of Development  
444 Spear Street, Suite 200  
San Francisco, CA 94105

{direct} 415.845.0293

{email} [Andrew@cityventures.com](mailto:Andrew@cityventures.com)



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