

## Nowell, Keith, Env. Health

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**From:** Nowell, Keith, Env. Health  
**Sent:** Friday, August 04, 2017 11:40 AM  
**To:** 'Jeff Friedman'  
**Cc:** Ed.C.Ralston@p66.com; 'lewis.mosconi@P66.com'; Roe, Dilan, Env. Health; Khatri, Paresh, Env. Health  
**Subject:** BP #11117, RO356 and GeoTracker Global ID T0600100201, 7210 Bancroft Avenue, Oakland

Jeff,  
In response to your email -  
The document entitled *Dual Phase Extraction Pilot Test Report* dated August 9 2002 is named IR\_R\_2002-08-08 on our FTP site;  
The document entitled *Remediation System Installation* dated September 26, 2008 is named IR\_R\_2008-09-26 on our FTP site.  
Re list for information/ document submittal, our agency did not specify a response date(s). Please note that items not responded to will need to be addressed prior to closure consideration:

1. The Ph I ESA, dated September 21, 2015 appears to have been received by our office on July 12, 2016;
2. Contaminant Modeling DVD- not located in case file;
3. Re WOTs and hoists information request- no additional information submitted to FTP;
4. SG Investigation: No formal WP submitted to ACDEH, FTP file WP\_R\_2016-12-22 contains a revised figure.
5. Re DPE effectiveness- no additional information submitted to FTP;
6. Re Bail Down Test - no additional information submitted to FTP;
7. Re residual contamination in soil- no additional information submitted to FTP;
8. Re residual contamination in groundwater- no additional information submitted to FTP;
9. Re hydrographs- no additional information submitted to FTP;
10. Re hydrograph data presentation- no additional information submitted to FTP;
11. Re depth to water data review- no additional information submitted to FTP;
12. Re sensitive receptors- no additional information submitted to FTP;
13. Re LTCP Direct Contact- no additional information submitted to FTP.

Please include the ACDEH case file number in the subject line for future correspondences with our agency.

Regards,  
Keith Nowell

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**From:** Jeff Friedman [mailto:Jeff.Friedman@anteagroup.com]  
**Sent:** Thursday, August 03, 2017 10:35 AM  
**To:** Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>  
**Subject:** RE: 2611117 7210 Bancroft Avenue in Oakland - Request for Information

FYI, Hi Keith, the letter referring to the two documents I cannot seem to find is attached.

**Jeffrey Friedman | Senior Project Manager | USA**

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**From:** Jeff Friedman  
**Sent:** Thursday, August 03, 2017 9:01 AM  
**To:** 'Nowell, Keith, Env. Health'  
**Subject:** 2611117 7210 Bancroft Avenue in Oakland - Request for Information

Good Morning Keith, I am in the process of preparing an updated site history and determining the status of where we are in providing information to you in response to the attached July 7, 2016 letter. First, the following two references were mentioned in a past letter, and I have been unable to locate them for inclusion into the site history. Could you either point me to the correct document on your FTP site or email me copies of the documents.

- Cambria Environmental Technology, Inc. (Cambria), Dual Phase Extraction Pilot Test Report, Former BP Oil Site No. 11117, 7210 Bancroft Avenue, Oakland California, August 9.
- STRATUS Environmental, Inc. (STRATUS), 2008b, Remediation System Installation, Former BP Service Station #11117, 7210 Bancroft Avenue, Oakland, California, September 26.

Could you review the list of items below that were included in the attached letter and let me know which items have been addressed. For documentation purposes, it would be helpful for me to know what was provided, when we provided it, and how it was transmitted. My goal is to include this information in the site background I am preparing. I know that the Phase 1 and the soil gas investigation work plan (along with the revision) have been uploaded in Geotracker, but there is no documentation acknowledging receipt of the other requested items.

Based on the meeting discussion, ACDEH requested the following items:

- 1. Phase 1 Environmental Site Assessment (ESA)** – provide a Phase 1 ESA for new property owner, 7200 Bancroft Avenue LLC. Please provide as an electronic mail attachment, Attention Keith Nowell.
- 2. Contaminant Modeling** – Antea will provide ACDEH a copy of the 3-D model of contamination. The 3-D model will be provided to ACDEH on [redacted].
- 3. Waste Oil Tanks and Hydraulic Hoists**– Perform records review of underground storage tanks (USTs) and hydraulic hoists. Evaluate for these structures if waste oil USTs and/or hydraulic hoists are present.
- 4. Soil Gas Investigation Work Plan** – Please prepare a work plan for soil gas samples to assess the vapor intrusion pathway. Based on the requests that, at a minimum, soil gas samples are to be recovered from the surface (bgs). Please analyze samples for TPH as gasoline (using EPA test method TO-15, and the fixed gases oxygen, carbon dioxide, and methane (D1946). Additionally, ACDEH requests the analysis for the proper appropriate analysis test method. Please collect the samples for soil gas investigations prepared by California Environmental Protection Agency (Cal EPA / DTSC), and the Regional Water Quality Control Board (RWQCB) San Francisco (SFRWQCB) regions. ACDEH requests the collected samples be corroborated using the EPA TO-17 analysis.
- 5. Dual Phase Extraction Test** – Discuss the effectiveness of the test results from 2011.

6. **Free Phase Product Bail Down Test** – ACDEH requests a review. Testing was performed to assess the mobility of free phase product.
7. **Residual Contamination In Soil** – Perform a case file review to be removed. Discuss the distribution of light non-aqueous phase petroleum hydrocarbons in soil.
8. **Residual Contamination In Groundwater** – Prepare contaminant benzene, and methyl tertiary butyl ether (MTBE) depicting the extent of groundwater. Include the data from the SB soil bores from the 20 boxes on the plume maps, but only consider groundwater monitoring.
9. **Hydrographs** – Please prepare hydrographs for all wells associated with the next meeting. Depict if the well screens were appropriate to depth.
10. **Hydrograph Data Presentation** – Several hydrographs were reviewed regarding the hydrographs are applicable to the others. Please prepare a hydrograph when remediation, e.g. dual phase extraction, chemical injection events, was performed at the site.
11. **Depth to Water** – A review of the hydrographs indicate adjustments have occurred. ACDEH requests a review of the case file to evaluate cause of the apparent changes in the dtw data. ACDEH addition ACDEH case file number RO0000274 and GeoTracker Global ID located across Bancroft Avenue, be reviewed for similar changes.
12. **Sensitive Receptors** – Please conduct a case file review to determine if Agency (ACPWA) files were reviewed for the well survey. If the ACPWA survey of vicinity wells to include the ACPWA database.
13. **LTCP Direct Contact Criteria** – Please prepare a plan view figure showing 0- to 5-foot and 5- to 10-foot intervals indicating the concentrations of TP, ethylbenzene, and naphthalene for each soil bore. Include preparation of the zones depicting the distribution of contamination.

**Jeffrey Friedman | Senior Project Manager | USA**

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