

## Nowell, Keith, Env. Health

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**From:** Nowell, Keith, Env. Health  
**Sent:** Friday, October 03, 2014 4:00 PM  
**To:** Luster, Sean, OAKLAND, Facilities Management  
**Cc:** Roe, Dilan, Env. Health  
**Subject:** Fuel Leak Case RO153 - Dryers Grand Ice Cream, 5929 College Ave., Oakland - Request for Work

Dear Mr. Luster:

Thank you for meeting with me, the Alameda County Environmental Health (ACEH) case worker for the subject fuel leak case, on September 17, 2014. As expressed in our meeting, no work has been performed at the site since the State Water Resources Control Board (SWRCB) implemented its Low Threat Underground Storage Tank Case Closure Policy (LTCP). The purpose of the meeting was to discuss the status of the subject fuel leak case and how best to move the case toward closure in light of the LTCP.

Therefore, at this juncture, please address the following technical comments and provide ACEH a work plan for the tasks identified below by the date specified below.

### **TECHNICAL COMMENTS**

- **Well Redevelopment and Sampling** - As discussed in the meeting, the first step in making a determination on how to proceed with the path to closure is by resampling the existing monitoring well network. As the wells were last sampled on June 4, 1999, please redevelop the wells prior to sampling.
- **Analysis Scope** - Based on the former presence of gasoline, diesel, and waste oil underground storage tanks (USTs), groundwater samples recovered from the monitoring wells should be analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), TPH as motor oil (TPHmo), benzene, toluene, ethylbenzene, and xylenes (BTEX), the fuel oxygenates methyl tertiary butyl ether (MTBE), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA), the lead scavengers 1,2-dibromroethane (EDB), and 1,2-dichloroethane (EDC), and naphthalene.
- **Report Preparation** – Provide to ACEH a groundwater monitoring report documenting field activities and presenting findings and recommendations for future work, if any. Include in the report summary tables of previous groundwater monitoring events with columns for concentration data reported for TPH and BTEX compounds. A second table should be provided summarizing the fuel oxygenates, lead scavengers, and naphthalene concentration data. Each summary table should include columns for well identification (including well screen interval) and depth to water information.

The groundwater monitoring report should include the laboratory analysis report and well sampling forms as attachments.

The report should include figures showing site location, a site map using a photographic base showing the site and nearby features that includes a rose diagram depicting groundwater flow direction and well and boring locations, and a groundwater contour map depicting the groundwater flow direction for this specific event.

- **Geotracker Compliance** – A review of the case file indicates that the SWRCB GeoTracker database is not complete, thus rendering the site to a non-compliant status pursuant to California Code of Regulations Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) which require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Please upload to GeoTracker any and all environmental documents pertaining to the site, including investigation, remediation, and monitoring reports (e.g. GEO\_REPORT and GEO\_BORE files).

The work requested in this directive letter will generate a GEO\_REPORT, GEO\_WELL, GEO\_MAP and EDF files for upload.

Currently, ACEH does not recommend the re-survey of the wells to create GEO\_XY and GEO\_Z for upload. Should additional groundwater monitoring events be deemed necessary by ACEH based on the findings of this study, ACEH may request the wells be surveyed using applicable benchmarks (e.g. surveyed to NGVD88 for elevation and sub-meter accuracy for latitude and longitude relative to NAD83) for creation and upload of GEO\_XY and GEO\_Z files.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACEH ftp site (Attention: Keith Nowell), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention by the date specified below:

- **December 2, 2014 –Work Plan** (file name: RO0000155\_WP\_R\_yyyy-mm-dd)

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 567-6764 or send me an electronic mail message at [keith.nowell@acgov.org](mailto:keith.nowell@acgov.org).

Regards,  
Keith Nowell

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PDF copies of case files can be reviewed/downloaded at:

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