

Nowell, Keith, Env. Health

To: Messerotes, Gary; Messerotes, Gary
Subject: RE: Caltrans - 555 Hegenberger Rd., Oakland, CA (Fuel Leak Case No. RO0000225 and Global ID T0600101696)

Gary,

I verbally approved the request made by Ms Falk this morning regarding the extension to November 15th for the third-quarter groundwater monitoring event at the RO225 Caltrans site. I requested the bottom of the wells be tagged to check for sediment accumulation over these past five years of inactivity. She said the wells are to be redeveloped and that 10 well volumes of groundwater would be removed from each of the wells as part of the purging process. I agreed to this.

Ms Falk stated she thought a Preferential Pathway Study had been performed by others and was not found in Geotracker. If it is still the thought the study was performed, another resource would be the Alameda County website. The Regional Board and Alameda County websites do not contain the same documentation. If the Preferential Pathway Study has previously been performed, please review and update the study for any conditions that may have changed since its' completion and submit the updated report concurrent with the third-quarter groundwater monitoring report. If it has been determined the Preferential Pathway Study has not yet been performed I'll approve the request for its' extension to December 23, 2011. Please include potential migration pathways and conduits and determine the probability of the NAPL and/or plume encountering preferential pathways and conduits that could spread contamination. We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines- including laterals, etc.) for vertical and lateral migration that may be present in the vicinity of the site.

Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey requested below) and report your results in the report requested below. The results of your study shall contain all information required by California Code of Regulations, Title 23, Division 3, Chapter 16, §2654(b).

a. Utility Survey -An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Please include maps and cross-sections illustrating the location and depth of all utility lines and trenches within and near the site and plume areas(s) as part of your study.

b. Well Survey -The preferential pathway study shall include a detailed well survey of all wells (monitoring and production wells: active, inactive, standby, decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); and dewatering, drainage, and cathodic protection wells) within a ¼ mile radius of the subject site. As part of your detailed well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Use the results of your background study to determine the existence of unrecorded/unknown (abandoned) wells, which can act as contaminant migration pathways at or from your site. Please review and submit copies of historical maps, such as Sanborn maps, aerial photographs, etc., when conducting the background study.

You may submit the Preferential Pathway Study as a separate report or with the Work Plan for Off Site Soil and Groundwater Characterization.

Thank you for your cooperation. Should you have any questions regarding this correspondence for your case, please call me at 510 / 567 – 6764 or send an electronic mail message to keith.nowell@acgov.org

Keith

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

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

From: Messerotes, Gary [mailto:Gary.Messerotes@stantec.com]
Sent: Wednesday, September 28, 2011 1:24 PM
To: Nowell, Keith, Env. Health
Cc: Ray Boyer (ray_boyer@dot.ca.gov); Ramin Behani/D04/Caltrans/CAGov (ramin_behani@dot.ca.gov); Max Raafati/D04/Caltrans/CAGov (max_raafati@dot.ca.gov); Bahram Sazegar/D04/Caltrans/CAGov (bahram_sazegar@dot.ca.gov); Hardin, Jack; Falk, Alicia
Subject: Caltrans - 555 Hegenberger Rd., Oakland, CA (Fuel Leak Case No. RO0000225 and Global ID T0600101696)
Importance: High

Good Afternoon Keith,

This email is to follow-up a telephone conversation you had this morning with Alicia Falk. Stantec Consulting is the environmental consultant for Caltrans on the former Caltrans Maintenance Station located at 555 Hegenberger Rd., Oakland, CA (Fuel Leak Case No. RO0000225 and Global ID T0600101696). Funding from Caltrans was allocated for the Site last week for reinstating the Semi-Annual Groundwater Monitoring of the five current groundwater monitoring wells on Site.

Stantec recently discovered a "Notice to Comply" letter dated July 25, 2011 on Geotracker requesting, among other things, that the Third Quarter 2011 Groundwater Monitoring Report is due on October 14, 2011. Since we will be conducting the third quarter 2011 groundwater sampling event at the Site tomorrow (September 29th), we would like to request an extension for submitting the final report from October 14, 2011 to November 15, 2011. The First Quarter 2012 Groundwater Monitoring Report due date will not need an extension.

In discussion with Caltrans, it appears that the requested Updated Preferential Pathway Study and Work Plan for Off Site Soil and Groundwater Characterization has not been performed. Therefore, Stantec would like an extension on the submittal of the aforementioned report in order to use the results of the third Quarter 2011 groundwater monitoring event as an indicator for areas of the investigation or to address any potential deficiencies in the Site characterization. If acceptable, we would propose submitting this information and Work Plan by December 23, 2011.

Please don't hesitate to contact me if you have any questions.

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