

Nowell, Keith, Env. Health

To: Ed Weyrens
Cc: Roe, Dilan, Env. Health; Dennis Dettloff
Subject: RE: Fuel Leak Case RO229, UNOCAL #5325, 3220 LAKESHORE AVE., OAKLAND , CA

Dear Mr. Weyrens,

Your extension request for the subject fuel leak case has been approved. Alameda County Environmental Health looks forward to receiving the draft SCM by February 28, 2014.

Regards,
Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

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

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

From: Ed Weyrens [mailto:Ed.Weyrens@anteagroup.com]
Sent: Friday, February 07, 2014 8:42 AM
To: Dennis Dettloff; Nowell, Keith, Env. Health
Cc: Roe, Dilan, Env. Health
Subject: RE: Fuel Leak Case RO229, UNOCAL #5325, 3220 LAKESHORE AVE., OAKLAND , CA

Good Morning Mr. Nowell,

Antea Group is working on the draft document requested in your e-mail below. The document is addressing data gaps associated with the site located at 3220 Lakeshore Avenue, Oakland, CA. Antea Group is requesting a 2 week extension on the due date for the draft document. We currently have scheduled a utility locating service to go to the site to address any preferential pathways at the site, however, this will not be taking place until February 19th, which is after the February 14th deadline for the draft document. Please let me know if this is acceptable or if you have any questions.

Thank You,

Edward T. Weyrens | Project Professional | USA
Antea®Group
916-503-1277 | 916-230-8212 | 800-477-7411
11050 White Rock Road, Suite 110, Rancho Cordova, CA 95670
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From: Dennis Dettloff
Sent: Tuesday, January 14, 2014 7:34 AM
To: Nowell, Keith, Env. Health
Cc: Roe, Dilan, Env. Health; Ed Weyrens
Subject: RE: Fuel Leak Case RO229, UNOCAL #5325, 3220 LAKESHORE AVE., OAKLAND , CA

Mr. Nowell:

Thanks for the follow up email. We'll get right on this.

Mr. Weyrens can be reached as indicated below.

Ed.veyrens@anteagroup.com
(916) 503-1277

Let myself or Mr. Weyrens know if you think of anything else, have any questions or if we can be of further assistance. We'll do the same.

Regards,

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From: Nowell, Keith, Env. Health [<mailto:Keith.Nowell@acgov.org>]
Sent: Monday, January 13, 2014 4:39 PM
To: Dennis Dettloff
Cc: Roe, Dilan, Env. Health
Subject: Fuel Leak Case RO229, UNOCAL #5325, 3220 LAKESHORE AVE., OAKLAND , CA

Dear Mr. Dettloff,

Thank you and Mr. Ed Weyrens of Antea™Group (Antea) for participating in the conference call this morning regarding fuel leak case for UNOCAL #5325, 3220 Lakeshore Drive, Oakland, Alameda County Environmental Health (ACEH) case number RO0000229. ACEH staff has reviewed the case files including the *Case Closure Request* (RFC), dated November 12, 2013, prepared by Antea for the subject Site. ACEH denied the RFC in a letter dated December 24, 2013 based on data gaps perceived by ACEH which questioned the completeness of the Site Conceptual Model (SCM) as it relates to the groundwater contaminant plume delineation and requested a meeting to discuss the Site with you.

Items which ACEH discussed during today's teleconference and wished to have addressed include:

Plume stability:

- Relationship of depth-to-water (DTW), direct and indirect free product observations, and concentrations of total petroleum hydrocarbons as gasoline (TPHg), methyl tertiary butyl ether (MTBE), and tertiary butyl alcohol (TBA) for groundwater monitoring wells U-1, U-2, U-5, and U-6;
- Review of the historic groundwater flow directions, radial outward flow, and the offsite migration of the contaminant plumes for TPHg, MTBE, and TBA;
- Concentrations plots for TPHg, MTBE, and TBA since 2005 using monitoring wells U-1, U-2, U-5, and U-6. As the data trend graphs for TPHg as plotted from Geotracker are misleading based in part on the lack of data in the time interval between 2010 and 2012, ACEH requests you do not use Geotracker as the source of the data trend plots.

Preferential Pathways:

- Identification of depth to- and location of- sanitary sewer and storm drains due to the shallow DTW at the Site. Please review the ACEH case file, including information contained in MISC_R_1997-02-28. PDF copies of case files can be reviewed at <http://www.acgov.org/aceh/lop/ust.htm>);
- Location(s) of storm drain discharge outlet(s).

Reporting:

- Preparation of a draft focused SCM addressing the above mentioned data gaps;
- Preparation of a figure on an aerial overlay showing locations of beneficial use wells within one mile of the Site, the location of Lake Merritt, and depicting the estimated plume boundaries for TPHg, MTBE, and TBA.

As discussed in our conference call, please provide ACEH (Attention: Keith Nowell) the information identified above in a draft document via email by February 14, 2014. Following ACEH's review, a follow up meeting will be scheduled to address how best to move the project toward closure in an expeditious manner. Please provide ACEH with contact information for Mr. Ed Weyrens if he continues to be involved with this project.

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

Regards,
Keith Nowell

Keith Nowell PG, CHG
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