

Nowell, Keith, Env. Health

From: Nowell, Keith, Env. Health
Sent: Tuesday, January 07, 2014 2:25 PM
To: 'gnair@oaklandnet.com'
Cc: 'dheinze@portoakland.com'; 'Chuck.pardini@arcadis-us.com'; 'xtong@otgenv.com'; Roe, Dilan, Env. Health
Subject: Fuel Leak Case RO293 - CITY OF OAKLAND MUNICIPAL SERVICE CENTER, 7101 EDGEWATER DRIVE, OAKLAND

Dear Mr. Nair,

Thank you, Diane Heinze of the Port of Oakland, Chuck Pardini of ARCADIS U.S. Inc. (ARCADIS), and Xinggang Tong of OTG EnviroEngineering Solutions, Inc. (OTG) for participating in the meeting on January 6, 2014 regarding fuel leak case for the City of Oakland Municipal Service Center, 7101 Edgewater Drive, Oakland, Alameda County Environmental Health (ACEH) case number RO0000293. ACEH staff has reviewed the case files including the draft *Conceptual Site Model and Request for Low-Threat Closure* (RFC) submitted to ACEH via email, dated September 20, 2013, prepared by ARCADIS for the subject Site.

As discussed in the meeting ACEH requests completion of a data gap investigation table in the format of Table 5-1 previously provided to ARCADIS within the example Site Conceptual Model and Data Gap Identification tables. Please submit the completed table to present your strategy for addressing the data gaps discussed in the meeting to ACEH by the date specified below. Data gaps discussed included, but were not limited to:

- Preferential Pathways (buried stream channels, dikes, utilities);
- Monitoring Well Network Adequacy/Status (Construction detail table, ability to monitor free product, dry events, dilution due to seawater/ long screen interval, well condition -coating on the interior of wells (MW-16- dry well) and well blockage (OB well) and status- existing/decommissioned/lost);
- Plume delineation (free product and groundwater contaminant plumes);
- Mass removal (estimates and data);
- Hydrographs (applicable scale, screen interval, historic groundwater interval- high/low, DPE and hydrogen peroxide initiation and completion time lines, post remediation hydrographs);
- Historical Groundwater Contour Maps Evaluation (assess tidal effects, groundwater mounding);
- Damon Slough (depth, lined/unlined, surface water impacts due to groundwater discharge into the slough)
- Soil Tables (identify if removed or in place);
- Asphalt Pit and UST 14 (waste latex and joint sealer)
- Cross Sections (identify dikes, utilities/trenches, stream channels, piping/trench, soil and ground water data, plume, USTs, excavations, etc);
- Plan Views (showing all wells, boring locations, utilities, excavation outlines);
- Current UST System Details (tank type, dispensers, product lines);
- Human Health Risk Assessment (bounding Vapor Intrusion uncertainty);
- Site Development (Coliseum EIR and plans for site).

Technical Report Request

Please upload the Data Gap table 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 and schedule:

- **February 14, 2014– Work Plan for Data Gap Investigation** (file name: RO0000293_WP_R_YYYY-MM-DD)

Thank you for your cooperation. ACEH looks forward to working with you and your consultants to advance the case toward closure. 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

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

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