



ALAMEDA COUNTY
 HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6677

CA 945
 11 FEB 15
 FN 31



Handwritten: A, b

NIXIE 957 7E 1700 0002/28/15
 RETURN TO SENDER
 NOT DELIVERABLE AS ADDRESSED
 UNABLE TO FORWARD
 *1305-06244-11-30
 EC: 94502654031

000076

Raj Mulkh & Bhatia Kulwinder, et. al
 4445 Pinewood Drive
 Union City, CA 94587-4824

9450205540

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 11, 2015

Raj Mulkh & Bhatia Kulwinder, et. al.
4445 Pinewood Drive
Union City, CA 94587-4824

Vintners Distributors, Inc
28456 Century Street
Hayward, CA 94545-4800

Hollis Phillips
ARCADIS U.S., Inc
100 Montgomery, Suite 300
San Francisco, CA 94104
(Sent via email to:
Hollis.Phillips@arcadis-us.com)

Jim Smith
BP Contracts Manager
201 Helios Way, Sixth Floor
Houston, TX, 77079
(Sent via email to:
Jim.Smith2@bp.com)

Subject: Conditional Work Plan Approval; Fuel Leak Case No. RO0000076 and GeoTracker Global ID T0600100110, ARCO #04931, 731 W Macarthur Blvd, Oakland, CA 94609

Dear Responsible Parties:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including the *Second Quarter 2014 and Third Quarter 2014 Semi-Annual Groundwater Monitoring Report*, dated October 31 2014, and the *Work Plan for Additional Site Investigation*, dated December 22, 2014. The documents were prepared and submitted by ARCADIS, U.S., Inc. (ARCADIS). The work plan proposed the installation of one downgradient soil bore to collect soil and grab groundwater samples, and the installation of two upgradient approximately 5-foot deep soil vapor wells in proximity to offsite residential structures apparently with half basements. The work plan also proposed to conduct a sensitive receptor survey (wells and other potential dewatering structures, including basements and other subgrade features). Due to difficulties in permitting offsite work in Oakland, the work plan also requested due dates to reflect a likely extended period of permit acquisition.

Based on ACEH staff review of the work plan, the proposed scope of work is conditionally approved for implementation provided that the technical comments below are incorporated during the proposed work. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or these technical comments is proposed. We request that you address the following technical comments, perform the proposed work, and send us the report described below. Please provide 72-hour advance written notification to this office (e-mail preferred to: mark.detterman@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Work Plan Modifications** – The referenced work plan proposes a series of actions with which ACEH is in general agreement of undertaking; however, ACEH requests several modifications to the approach. Please submit a report by the date specified below.
 - a. **Depth of Vapor Probe Installations** – The referenced work plan indicates that two vapor probes will be installed to a depth of approximately 5 feet below surface grade (bgs). In order to collect data consistent with the Low Threat Closure Policy (LTCP), ACEH requests that the probes be installed to a depth 5 feet below the adjacent residential foundations, unless the presence of groundwater precludes the installation of the vapor probes at this depth. Based on