

French, Tamami, Env. Health

From: Roe, Dilan, Env. Health
Sent: Tuesday, September 12, 2017 11:34 AM
To: Scott Stromberg; Waldron, Kyle (Kyle.A.Waldron@andeavor.com)
Cc: Emily Chow; French, Tamami, Env. Health
Subject: Fuel Leak Case No. RO0000434, Geotracker Global ID No. T0600101410, Beacon # 3604,1619 1ST, Livermore, CA

Good Morning Scott and Kyle:

Thank you for meeting with Alameda County Department of Environmental (ACDEH) on September 11, 2017 and providing the meeting notes and presentation slides.

Your request for continued non-operation of the soil vapor extraction system and shut down of the oxygen injection system is approved. Please ensure that these systems are protected until authorization is given by ACDEH to decommission them. It seems appropriate to conduct rebound testing through the collection of groundwater samples from site monitoring wells to monitor/evaluate the effect of the oxygen injection system shut down. Please include a scope of work for groundwater monitoring to evaluate rebound in the work plan for installation of a downgradient monitoring well to delineate the plume extent.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACDEH (Attention: Dilan Roe), according to the following naming convention and schedule:

- **November 9, 2017** – Groundwater Monitoring Well Installation & Rebound Testing Work Plan (RO0000434_WP_R_yyyy-mm-dd)
- **November 9, 2017** – Soil and Groundwater Investigation Report (RO0000434_SWI_R_yyyy-mm-dd)

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Dilan Roe, PE, C73703

Chief – Land Water Division

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From: Scott Stromberg [mailto:ssstromberg@orionenv.com]

Sent: Monday, September 11, 2017 2:16 PM

To: Roe, Dilan, Env. Health <Dilan.Roe@acgov.org>; French, Tamami, Env. Health <Tamami.French@acgov.org>

Cc: Waldron, Kyle (Kyle.A.Waldron@andeavor.com) <Kyle.A.Waldron@andeavor.com>; Emily Chow <echow@orionenv.com>

Subject: Tesoro Livermore - ACEH RO0434 - 9/7 meeting summary and O2 system shutdown request

Dilan and Tamami,

Thanks for taking the time to meet with us last Thursday. As we discussed in the meeting, attached are the presentation slides with some additional notes added, plus summary notes for the meeting.

In the meeting notes we summarized the upcoming deliverables and action items, which are as follows:

1. Arctos/Tesoro will submit a report summarizing the data gap investigation activities conducted in June and July 2017. The report will include a summary of the plume stability analysis conducted by Joe Ricker with EarthCon. Joe has uploaded the plume stability analysis presentation to a file transfer site and you can download the presentation here: <https://we.tl/52TO4R76IJ>. The link is active for 1 week from today.
2. Based on significant decreases in mass and lateral extent of the plume and decreasing trends in COCs, the onsite oxygen injection system is no longer warranted for former source area remediation. **Arctos and Tesoro are requesting approval to shut down the oxygen injection system.** In addition, Arctos and Tesoro are requesting continued non-operation of the SVE system on site. The systems will remain on site until final decommissioning.
3. As requested by ACEH, Arctos and Tesoro will submit a work plan for installation of one groundwater monitoring well in the downgradient area of the plume.
4. Arctos will upload missing Geotracker data for the site.

Please respond to this email to (1) approve shut down of the oxygen injection system, and (2) confirm the request for one downgradient monitoring well.

Thanks -

Scott Stromberg
Orion Environmental Inc.