

Nowell, Keith, Env. Health

From: Kambin , Roya [EMC] [RKambin@chevron.com]
Sent: Monday, July 09, 2012 11:31 AM
To: Nowell, Keith, Env. Health
Cc: Hoey, Kiersten
Subject: RO 0455 (CVX 351644) 66 MacArthur Blvd., Oakland, CA - Follow-Up on System Shut-Down Request

Hi Keith,

I am emailing to follow up on the status of your review of CRA's October 21, 2011 *Interim Remediation Results Report* (submitted to the attention of Barbara Jakub) which provides an evaluation of the ozone sparge system's effectiveness using dissolved hydrocarbon concentration trends and degradation rates. CRA recommended shutting down the ozone system and conducting quarterly groundwater monitoring for 1 year to monitor for rebound based on the following.

- Ozone system has been operating onsite since June 2003 (9 years), injecting into 7 sparge wells.
- Dissolved TPHg and benzene are now limited to onsite well MW-1 and concentrations are decreasing.
- TPHg in MW-1 is expected to reach the drinking water ESL within 15 years, and benzene is expected to reach the ESL within 1 year.
- MTBE is expected to reach the drinking water ESL in onsite well MW-1 within 1 year. MTBE in offsite wells has either reached the ESL or is calculated to within a maximum of 4 years.

We would appreciate your consideration regarding system shut-down in the near future.

Thank you,
Roya

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