



December 14, 2017

Mr. David Patten  
Chevron Environmental Management Co.  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
(Sent via electronic mail to: [drpatten@chevron.com](mailto:drpatten@chevron.com))

Subject: Meeting Identified Submittals; Fuel Leak Case No. RO0000383 (Global ID # T0600100315), Chevron #9-0260, 21995 Foothill Boulevard, Hayward, CA 94541

Dear Mr. Patten:

Thank you for attending a meeting on November 29, 2017 with Alameda County Department of Environmental Health (ACDEH) staff. The meeting was requested in an effort to determine a path to closure for the petroleum hydrocarbon contamination at the site. Thank you for also providing meeting notes entitled *ACDEH Meeting for Site 90260 Hayward*, dated December 11, 2017. The minutes were submitted by GHD, Inc on behalf of Chevron.

Based on the discussion in the meeting, and review of the supplied notes, ACDEH requests that you address the following technical comments and send us the documents requested below.

#### **TECHNICAL COMMENTS**

1. **Meeting Notes** – ACDEH is in general agreement that the submitted meeting record is accurate. An additional point relative to the Low Threat Closure Policy (LTCP) Groundwater Plume that is not fully captured in the notes, is a determination if the downgradient extent of the shallow and deep groundwater bearing zones are defined to the extent required by the LTCP.
2. **Draft Site Conceptual Model Submittal** – As identified in the meeting and reflected in the notes, ACDEH requests the submittal of a draft Site Conceptual Model (SCM) at least two weeks prior to a SCM meeting to be identified for mid-March 2018. Please submit the draft SCM by the date identified below.
3. **Site SCM Meeting** – As discussed in the meeting, ACDEH requests potential dates for a SCM meeting by the date identified below. If the dates and times will not work for ACDEH, we will provide alternative dates.
4. **Semi-Annual Groundwater Monitoring** – Except for recently installed well MW-24, it appears appropriate to move the site to a semi-annual groundwater monitoring interval. Well MW-24 should continue on a quarterly basis; however, reporting should occur on a semi-annual basis for the well. Based on worst-case contaminant concentrations it appears appropriate to conduct groundwater monitoring and sampling in the months of March and September (first and third quarters of a year) to capture a range of contaminant concentrations at the site; however, going forward this should be revisited based on the SCM requested above.

#### **SUBMITTAL ACKNOWLEDGEMENT STATEMENT**

Please note that ACDEH has updated Attachment 1 with regard to report submittals to ACDEH. ACDEH will now be requiring a Submittal Acknowledgement Statement, replacing the Perjury Statement, as a cover letter signed by the Responsible Party (RP). The language for the Submittal Acknowledgement Statement is as follows:

*I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's Geotracker Website.*

Please make this change to your submittals to ACDEH.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention below and schedule:

- **February 28, 2018** – Draft Site Conceptual Model  
Please email your case worker
- **January 12, 2018** – Potential Mid-March Meeting Dates  
Please email your case worker
- **June 8, 2018** – First Quarter 2018 Semi-Annual Groundwater Monitoring Report  
File to be named: RO383\_GWM\_R\_YYYY-mm-dd
- **December 7, 2018** – Third Quarter 2018 Semi-Annual Groundwater Monitoring Report  
File to be named: RO383\_GWM\_R\_YYYY-mm-dd

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>. 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

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,



Mark E. Detterman, PG, CEG  
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations  
Electronic Report Upload (ftp) Instructions

cc: Kiersten Hoey, GHD, 5900 Hollis Street, Suite A, Emeryville, CA 94608; (Sent via electronic mail to: [Kiersten.Hoey@ghd.com](mailto:Kiersten.Hoey@ghd.com))

Brandon Wilken, GHD, 5900 Hollis Street, Suite A, Emeryville, CA 94608; (Sent via electronic mail to: [Brandon.Wilken@ghd.com](mailto:Brandon.Wilken@ghd.com))

Dilan Roe, ACDEH, (Sent via electronic mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))  
Paresh Khatri, ACDEH; (Sent via electronic mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org))  
Mark Detterman, ACDEH, (Sent via electronic mail to: [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
Electronic File; GeoTracker

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| <b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b> | <b>REVISION DATE:</b> December 14, 2017  |
|  | <b>ISSUE DATE:</b> July 25, 2012   |
|  | <b>PREVIOUS REVISIONS:</b> September 17, 2013, May 15, 2014, December 12, 2016 |
| <b>SECTION:</b> ACDEH Procedures   | <b>SUBJECT:</b> Responsible Party(ies) Legal Requirements / Obligations        |

#### REPORT & DELIVERABLE REQUESTS

Alameda County Department of Environmental Health (ACDEH) Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of all reports in electronic form to the State Water Board's (SWB) GeoTracker website in accordance with California Code of Regulations, Chapter 30, Division 3, Title 23 and Division 3, Title 27.

#### Leaking Underground Fuel Tank (LUFT) Cases

Reports and deliverable requests are 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 (RP) in conjunction with an unauthorized release from a petroleum underground storage tank (UST) system.

#### Site Cleanup Program (SCP) Cases

For non-petroleum UST cases, reports and deliverables requests are pursuant to California Health and Safety Code Section 101480.

#### ELECTRONIC SUBMITTAL OF REPORTS

A complete report submittal includes the PDF report and all associated electronic data files, including but not limited to GEO\_MAP, GEO\_XY, GEO\_Z, GEO\_BORE, GEO\_WELL, and laboratory analytical data in Electronic Deliverable Format™ (EDF). Additional information on these requirements is available on the State Water Board's website ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/))

- Do not upload draft reports to GeoTracker
- Rotate each page in the PDF document in the direction that will make it easiest to read on a computer monitor.

#### GEOTRACKER UPLOAD CERTIFICATION

Each report submittal is to include a GeoTracker Upload Summary Table with GeoTracker valid values<sup>1</sup> as illustrated in the example below to facilitate ACDEH review and verify compliance with GeoTracker requirements.

#### **GeoTracker Upload Table Example**

| Report Title                         | Sample Period | PDF Report | GEO_MAPS | Sample ID | Matrix | GEO_Z                    | GEO_XY                   | GEO_BORE                 | GEO_WELL                 | EDF                      |
|--------------------------------------|---------------|------------|----------|-----------|--------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2016 Subsurface Investigation Report | 2016 S1       | ✓          | ✓        | Effluent  | SO     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓                        |
| 2012 Site Assessment Work Plan       | 2012          | ✓          | ✓        |           |        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2010 GW Investigation Report         | 2008 Q4       | ✓          | ✓        | SB-10     | W      | ✓                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓                        |
|                                      |               |            |          | SB-10-6   | SO     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓                        |
|                                      |               |            |          | MW-1      | WG     | ✓                        | ✓                        | ✓                        | ✓                        | ✓                        |
|                                      |               |            |          | SW-1      | W      | ✓                        | ✓                        | ✓                        | ✓                        | ✓                        |

<sup>1</sup> GeoTracker Survey XYZ, Well Data, and Site Map Guidelines & Restrictions, CA State Water Resources Control Board, April 2005

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| <b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b> | <b>REVISION DATE:</b> NA   |
|  | <b>ISSUE DATE:</b> December 14, 2017   |
|  | <b>PREVIOUS REVISIONS:</b> September 17, 2013, May 15, 2014, December 12, 2016 |
| <b>SECTION:</b> ACDEH Procedures   | <b>SUBJECT:</b> Responsible Party(ies) Legal Requirements / Obligations        |

#### ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to the State Water Board's GeoTracker website." This letter must be signed by the Responsible Party, or legally authorized representative of the Responsible Party.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional and include the professional registration stamp, signature, and statement of professional certification. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsg.ca.gov/laws/index.shtml>.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

For LUFT cases, RP's non-compliance with these regulations may result in ineligibility to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse the cost of cleanup. Additional information is available on the internet at: [https://www.waterboards.ca.gov/water\\_issues/programs/ustcf/](https://www.waterboards.ca.gov/water_issues/programs/ustcf/)

#### AGENCY OVERSIGHT

Significant delays in conducting site assessment/cleanup or report submittals may result in referral of the case to the Regional Water Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.