

**From:** [Roe, Dilan, Env. Health](#)  
**To:** [Christina Rain](#); [Detterman, Karel, Env. Health](#)  
**Cc:** "[Stephen Siri](#)"; [Robert Schultz](#)  
**Subject:** RE: Fuel Leak Case No. RO0000199: GeoTracker Global ID T0600100406, Connell Oldsmobile, 3093 Broadway, Oakland, 94611  
**Date:** Friday, April 17, 2015 10:02:18 AM

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Hello Everyone:

Thank you for submitting the redlined Pilot Study Work Plan. The Work Plan is approved. Please upload to GeoTracker and Alameda County Environment Health ftp databases as a separate document from the Draft FS/CAP. Please also update the FS/CAP to include the approved Work Plan as Appendix A..

Karel and I are finishing our review of the Draft FS/CAP and will have comments/ or approval to you on Tuesday April 21.

Karel is also preparing the mailing list and will send to you today. As discussed in our last meeting, she will also send you an example Fact Sheet for your use in preparing one for the subject site. Once you have prepared the draft Fact Sheet please send to us for review and approval. Also please send us a list of other stakeholders with respect to the proposed development of the site as a multi-use commercial/residential development that will be included in the Fact Sheet mailing.

Lastly can you please send us a revised schedule prior to our meeting next Friday so that we can review prior to the meeting.

**Dilan Roe, P.E.**

*Program Manager - Land Use & Local Oversight Program*

Alameda County Environmental Health

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[dilan.roe@acgov.org](mailto:dilan.roe@acgov.org)

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

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

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**From:** Christina Rain [mailto:[crain@Langan.com](mailto:crain@Langan.com)]  
**Sent:** Friday, April 10, 2015 5:05 PM  
**To:** Detterman, Karel, Env. Health; Roe, Dilan, Env. Health  
**Cc:** 'Stephen Siri'; Robert Schultz  
**Subject:** RE: Fuel Leak Case No. RO0000199: GeoTracker Global ID T0600100406, Connell Oldsmobile, 3093 Broadway, Oakland, 94611

Hi Karel,

Please see attached Redline Groundwater Sampling and Enhanced Bioremediation Pilot Study Work Plan. Note that we have also attached revised Figure 4, which shows changes to remediation boring locations based on geotechnical foundation design plans. We will keep you updated as these locations are further refined. We also updated Table 1 to include monitoring wells MW-25, MW-26, and MW-27 for pre-construction sampling and revised the proposed screened intervals for several post-development monitoring wells (changes are highlighted).

Please let us know if you agree with the redlined changes or if you have any additional comments.

Thank you,

**Christina Rain**  
**Project Engineer**  
Direct: 415.955.5247  
Mobile: 925.818.5479

**LANGAN TREADWELL ROLLO**

CALIFORNIA NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA VIRGINIA NORTH DAKOTA FLORIDA  
ABU DHABI ATHENS DOHA DUBAI ISTANBUL

**Langan's goal is to be SAFE (Stay Accident Free Everyday)**

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**From:** Detterman, Karel, Env. Health [<mailto:Karel.Detterman@acgov.org>]  
**Sent:** Friday, April 03, 2015 4:59 PM  
**To:** Christina Rain; Robert Schultz; 'Stephen Siri'  
**Cc:** Roe, Dilan, Env. Health  
**Subject:** Fuel Leak Case No. RO0000199: GeoTracker Global ID T0600100406, Connell Oldsmobile, 3093 Broadway, Oakland, 94611

Hello Christina, Bob, and Stephen:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including *Appendix A, Groundwater Sampling and Enhanced Bioremediation Pilot Study Work Plan (Work Plan)* of the *Draft Feasibility Study and Corrective Action Plan (Draft FS/CAP)* dated March 26, 2015, prepared and submitted on your behalf by Langan Treadwell Rollo (Langan) in conjunction with the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). The Work Plan was submitted during the March 27, 2015 monthly meeting. Thank you for submitting the Draft FS/CAP including Appendix A.

This e-mail serves as a confirmation of our comments during a telephone call with Christina Rain. Based on ACEH staff review of the work plan, the proposed Work Plan is conditionally approved for implementation provided that the technical comments below are incorporated during the proposed work.

Please provide 72-hour advance written notification to this office (e-mail preferred to: [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)) prior to the start of field activities.

**TECHNICAL COMMENTS**

- 1. Soil Sampling and Analysis, Page 4:** Please collect soil samples with elevated PID readings as a part of the soil sample selection process criteria;
- 2. Pre-remediation Groundwater Sampling, Page 6 and Table 1:**

- a. **Analyses for SVOCs and PAHs:** Because a waste oil UST had been removed from the site, please review historical groundwater sample results for analytical results for SVOCs and PAHs by EPA Method 8270; if results are not found, additionally analyze groundwater samples for SVOCs and PAHs;
  - b. **Groundwater Well Selection:** Please provide the rationale behind the selection of MW-1, MW-4, MW-6, MW-14, RW-3A, and RW-3B; why were wells MW-9, MW-10, MW-15, MW-16A, and MW-17A, also located within the plume, not selected;
  - c. **Groundwater Well Replacement Selection:** Rationale for selection of monitoring well replacement; why aren't all of the wells going to be replaced?
3. **Mixing and Emplacement, Page 9 and Figure 5:** Please verify that the Biostimulation Media thickness indicated in Figure 5, *Remediation Boring Construction Detail* spans the historical smear zone.

#### **Technical report request**

- **April 10, 2015** – E-mail revised and in “track changes” mode Appendix A, *Groundwater Sampling and Enhanced Bioremediation Pilot Study Work Plan* to [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)

Upon ACEH's written approval that all requested changes were made, please upload the Final *Groundwater Sampling and Enhanced Bioremediation Pilot Study Work Plan* as a stand alone document to the ACEH ftp site (Attention: Karel Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **April 17, 2015** – Groundwater Sampling and Enhanced Bioremediation Pilot Study Work Plan  
File to be named: RO199\_WP\_R\_YYYY-MM-DD

This report is 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.

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please send me an e-mail message at [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org) or call me at (510) 567-6708.

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Electronic communication provided by “Langan” encompasses “Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.,” “Langan Engineering and