

**Wickham, Jerry, Env. Health**

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**From:** Baertschi, Dennis [dbaertschi@croworld.com]  
**Sent:** Wednesday, December 12, 2007 10:39 AM  
**To:** Weston, Robert, Env. Health; Wickham, Jerry, Env. Health  
**Subject:** RE: Analytical Results UDC Sampling Shell Station @ 999 San Pablo, Albany (ACHCSA Case # RO0000121) (Shell SAP #135037)

Robert –

Thanks for the below email – we will submit the lab data and findings in a formal report, within 60-70 days, after the soil & pea gravel removed from the excavation(s) has been disposed of.

**Dennis Baertschi**  
**Conestoga-Rovers & Associates (CRA)**

408 7th Street, Suite A,  
Eureka, CA 95501  
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**From:** Weston, Robert, Env. Health [mailto:robert.weston@acgov.org]  
**Sent:** Wednesday, December 12, 2007 9:09 AM  
**To:** Baertschi, Dennis; Wickham, Jerry, Env. Health  
**Cc:** bill.merchant@shell.com; denis.l.brown@shell.com  
**Subject:** RE: Analytical Results UDC Sampling Shell Station @ 999 San Pablo, Albany (ACHCSA Case # RO0000121) (Shell SAP #135037)

Dennis,

As we discussed by phone on 12-11-07 it does not appear that a release from the primary containment is the cause of the contamination found during sampling. The replacement of secondary containment structures initiated this sampling. Therefore we are not requiring an Unauthorized Release Report for the results of this sampling event.

The physical limits of over excavation in the existing excavation have been met. We will not require any additional soil removal at this time.

Please let me know if you have any further comments.

Regards,

Robert Weston  
Alameda County Department of Environmental Health  
510 567-6781

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12/12/2007

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**From:** Baertschi, Dennis [mailto:dbaertschi@croworld.com]  
**Sent:** Tuesday, December 11, 2007 4:46 PM  
**To:** Weston, Robert, Env. Health  
**Cc:** bill.merchant@shell.com; denis.l.brown@shell.com  
**Subject:** Analytical Results UDC Sampling Shell Station @ 999 San Pablo, Albany (ACHCSA Case # RO0000121) (Shell SAP #135037)

Robert –

In follow to our phone call today – please find the analytical lab results, soil data table, and sample location map for the under dispenser samples collected from the above site last week. Please be aware that the results in the lab report are reported in both ppm and ppb, but the soil data table shows all the data in ppm.

As you are aware, there are 3 dispensers (#1, #2, and #3 on attached map), and there were 6 soil samples collected, one beneath dispenser #1 (D-1 @ 4.5') and one beneath dispenser #2 (D-2 @ 4.5'), and four from the area beneath dispenser #3. In dispenser #3, samples D-3a and D-3b were collected from the approx. center of the dispenser area at 4.0 and 5.5 feet deep, respectively, and samples D-3c and D-3d were collected at the side wall, about 5 feet south from the center of the dispenser area, at 3.0 and 5.5 feet deep, respectively.

As we discussed, based on field observations, and on the absence of relative concentrations of benzene to TPHg reported (particularly in sample D-3c), this does not appear to represent a new release at this site, and appears to reflect historical residual soil impacts from an older problem. Therefore, unless Alameda County would like us to, Shell does not intend to file an Unauthorized Release Form for this sampling, - **let me know your thoughts on this and if you agree.**

With the exception of the 1,200 ppm TPHg reported in sample D-3c, none of the hydrocarbons reported exceed the ESL's for areas where groundwater is not considered potable, and information in Geotracker considers this case type as "*other groundwater (not used for drinking water)*". The deeper sample below D-3c (e.g. sample D-3d @ 5.5 feet) shows that the TPHg attenuates an order of magnitude within 2.5 feet vertically to 430 ppm.

As we discussed, given the results reported herein and the attenuation in short distance, the proximity of the numerous pipes and utilities in these three shallow cavities, and the concrete surface of the site, CRA does not feel additional soil over-excavation at this site is warranted or would achieve any significant productive remediation. Unless Alameda County differs, we are not recommending to Shell that soil over-excavation would be cost effective here - **let me know your thoughts on this and if you agree.**

Let me know if you have any questions -

**Dennis Baertschi**  
**Conestoga-Rovers & Associates (CRA)**

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**From:** Weston, Robert, Env. Health [mailto:robert.weston@acgov.org]

12/12/2007

**Sent:** Thursday, November 29, 2007 4:14 PM  
**To:** Baertschi, Dennis  
**Cc:** Wickham, Jerry, Env. Health  
**Subject:** RE: Amended Sampling Work Plan Shell Station @ 999 San Pablo, Albany (Shell SAP #135037)

Dennis,  
Thanks for incorporating our comments. We will be out there next week.

Robert Weston  
Alameda County Department of Environmental Health  
510 567-6781

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**From:** Baertschi, Dennis [mailto:dbaertschi@croworld.com]  
**Sent:** Thursday, November 29, 2007 4:08 PM  
**To:** Weston, Robert, Env. Health  
**Cc:** bill.merchant@shell.com; Janzen, Eric; paradiso@pminc.net  
**Subject:** Amended Sampling Work Plan Shell Station @ 999 San Pablo, Albany (Shell SAP #135037)  
**Importance:** High

Robert –

Per your requested revisions to this work plan, as presented in your 11/29/07 email, please find enclosed a copy of CRA's revised 11/29/07 *Amended Sampling and Over-excavation Work Plan*, for the above site.

This document supersedes the 11/28/07 document. Hard copy to follow in mail.

Please confirm that you have received this work plan.

Let me know if there are any questions -

**Dennis Baertschi**  
**Conestoga-Rovers & Associates (CRA)**

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**From:** Baertschi, Dennis  
**Sent:** Wednesday, November 28, 2007 4:07 PM  
**To:** 'rweston@co.alameda.ca.us'  
**Cc:** 'bill.merchant@shell.com'; 'Janzen, Eric'; 'paradiso@pminc.net'

12/12/2007

**Subject:** Sampling Work Plan Shell Station @ 999 San Pablo, Albany (Shell SAP #135037)

**Importance:** High

Robert –

Per our discussion, please find attached a copy of the sampling work plan for the dispenser work at the Shell station at 999 San Pablo in Albany. Hard copy will follow in mail.

Let me know if you have any questions –

Thanks

**Dennis Baertschi**  
**Conestoga-Rovers & Associates (CRA)**

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