

Wickham, Jerry, Env. Health

From: Torrens, Jake [Jake.Torrens@amec.com]
Sent: Wednesday, July 20, 2011 11:17 AM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Schultz, Robert; beval@comcast.net; charkenmc@aol.com; Schaefer, Peter
Subject: 2301-2307 Lincoln Avenue, Alameda

Dear Mr. Jerry Wickham:

On behalf of the property owners, Mr. Allan Sebanc and Mr. Ken McCloskey, AMEC Geomatrix has reviewed the Remedial Action and Subsurface Investigation Report prepared by Conestoga-Rovers, for Shell Oil Products US, and submitted to Alameda County Environmental Health (ACEH) on June 7, 2011. The report presents two confirmation soil sample analytical results where the reporting limit for benzene is greater than the California Regional Water Quality Control Boards Environmental Screening Levels (ESL; Table B-2, May 2008) for commercial/industrial (C/I) land uses. The C/I ESL for benzene is 0.27 milligrams per kilogram (mg/kg). The samples with elevated detection limits and their reporting limits are:

- o HC-N-8 (<1.2 ppm); and
- o HC-S-7 (<0.98 ppm)

Because the detection limits are greater than the screening level, it is possible that the benzene concentrations in these two samples, if quantified, would exceed the C/I ESL. It is AMEC's understanding that collection and analysis of samples from these two locations was required by ACEH. No explanation of the absence of adequate benzene data for these two samples is provided by Conestoga-Rovers in its report. Therefore, on behalf of Mr. Sebanc, we request that the ACEH consider this concern in its review.

Sincerely,
Jake Torrens

Jake Torrens, MS, LEED AP
Senior Scientist
[AMEC Geomatrix, Inc.](#)
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Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Wednesday, July 20, 2011 3:55 PM
To: 'Torrens, Jake'
Cc: denis.l.brown@shell.com; Schultz, Robert; beval@comcast.net; charkenmc@aol.com; Schaefer, Peter
Subject: RE: 2301-2307 Lincoln Avenue, Alameda

Mr. Torrens,

Thank you for your comments. Alameda County Environmental Health (ACEH) has reviewed the issue discussed in your message regarding elevated reporting limits for two confirmation soil samples. We do not believe this represents a significant data gap that would preclude closure of this case based on the following:

- The reporting limits for HC-N-8 and HC-S-7 exceed the Environmental Screening Level for direct exposure to soil. At both sampling locations HC-N-8 and HC-S-7, data are available from shallower soil samples (HC-N-6 and HC-S-3, respectively) to evaluate the potential direct exposure pathway. Benzene was not detected in either of the shallower soil samples with reporting limits that are less than the ESL for direct exposure. Therefore, the elevated reporting limits for HC-N-8 and HC-S-7 are not a significant data gap for the case.

ACEH will continue the case closure review process.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Torrens, Jake [<mailto:Jake.Torrens@amec.com>]
Sent: Wednesday, July 20, 2011 11:17 AM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Schultz, Robert; beval@comcast.net; charkenmc@aol.com; Schaefer, Peter
Subject: 2301-2307 Lincoln Avenue, Alameda

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On behalf of the property owners, Mr. Allan Sebanc and Mr. Ken McCloskey, AMEC Geomatrix has reviewed the Remedial Action and Subsurface Investigation Report prepared by Conestoga-Rovers, for Shell Oil Products US, and submitted to Alameda County Environmental Health (ACEH) on June 7, 2011. The report presents two confirmation soil sample analytical results where the reporting limit for benzene is greater than the California Regional Water Quality Control Boards Environmental Screening Levels (ESL; Table B-2, May 2008) for commercial/industrial (C/I) land uses. The C/I ESL for benzene is 0.27 milligrams per kilogram (mg/kg). The samples with elevated detection limits and their reporting limits are:

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Jake Torrens

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Wickham, Jerry, Env. Health

From: Schaefer, Peter [pschaefer@croworld.com]
Sent: Wednesday, July 20, 2011 1:31 PM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Cool, Aubrey; Project Email Hold
Subject: RO2971 - 2301-2307 Lincoln, Alameda - Notification of Potential Case Closure letters have been distributed ~COR-060204~

Jerry,

This email confirms that Conestoga-Rovers & Associates, on behalf of Shell Oil Products US, has distributed the Notification of Potential Case Closure letters as requested in Alameda County Environmental Health's July 14, 2011 letter.

Regards,


Peter Schaefer, CEG, CHG
Conestoga-Rovers & Associates

5900 Hollis Avenue, Suite A
Emeryville, California 94608-2008

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Perform every task the safe way, the right way, every time!

Wickham, Jerry, Env. Health

From: Schaefer, Peter [pschaefer@croworld.com]
Sent: Wednesday, July 20, 2011 2:38 PM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Schultz, Robert; beval@comcast.net; charkenmc@aol.com; Jake.Torrens@amec.com
Subject: FW: RO2971 - 2301-2307 Lincoln Avenue, Alameda - CRA's June 7, 2011 Remedial Action and Subsurface Investigation Report

Jerry,

In response to AMEC Geomatrix's review of Conestoga-Rovers & Associates (CRA's) June 7, 2011 *Remedial Action and Subsurface Investigation Report*, we provide the following comments.

- The benzene detection limits in soil samples HC-N-8 and HC-S-7 were elevated due to the total petroleum hydrocarbons as gasoline concentrations in the samples.
- Soil sample HC-N-8 was collected very close to the same location and at the same depth as soil sample MW-4-8' collected in February 2009. No benzene was detected in MW-4-8' with a reporting limit of 0.0050 milligrams per kilogram (mg/kg).
- Soil sample HC-S-7 was collected very close to the same location and within 6 inches vertically of soil sample HC-S-7.5. Soil sample HC-S-7.5 contained 0.0150 mg/kg benzene, well below the San Francisco Bay Regional Water Quality Control Board's environmental screening level (ESL) for shallow soils of 0.27 mg/kg.
- There is no evidence to suggest the presence of benzene exceeding the ESL in these areas.

Regards,

Peter Schaefer, CEG, CHG
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