

**From:** [Renee Scherr](#)  
**To:** [Roe, Dilan, Env. Health](#); [dehloptoxic, Env. Health](#)  
**Cc:** ["Kasey Jones"](#)  
**Subject:** Report Uploads: Bay Counties RO00002682  
**Date:** Monday, May 07, 2012 2:58:24 PM

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Please be advised that the following documents have been uploaded to the Alameda County ftp webpage. If you have any questions, please contact Kasey Jones at 415-516-0373.

1. 4Q08 and 1Q10 Groundwater Monitoring Report, dated 1/29/10
2. 3Q08 Groundwater Monitoring Report, dated 8/29/08
3. 1Q08 Groundwater Monitoring Report, dated 3/31/08
4. Corrective Action Plan, dated 3/19/08
5. 4Q07 Groundwater Monitoring Report, dated 11/13/07

Thank you,

*Renee Scherr*

*Project Assistant*

Stratus Environmental, Inc.

rscherr@stratusinc.net

Direct: (530) 313-9964

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**From:** [Kasey Jones](#)  
**To:** [Roe, Dilan, Env. Health: carybgrayson@gmail.com](#)  
**Subject:** RE: Dissolved Metals  
**Date:** Monday, May 07, 2012 11:11:24 AM

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Ms. Roe,

In order for the laboratory to analyze the water samples for dissolved metals, water samples must be collected in unpreserved poly sample containers. Therefore, an additional site visit must be conducted to collect the groundwater samples to be analyzed for dissolved metals. Stratus will conduct this work as soon as possible (this week) and submit the samples to the lab for analysis of the dissolved metals that were previously analyzed as part of the RegenOx™ injection pilot test.

Also, samples will only be collected from the four wells (DW-1, DW-3, DW-5 and DW-7) for which dissolved metals were analyzed during the pilot test.

Sincerely,

Kasey L. Jones  
Senior Project Manager  
**STRATUS ENVIRONMENTAL, INC.**  
PH (415) 516-0373



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**From:** Roe, Dilan, Env. Health [mailto:Dilan.Roe@acgov.org]  
**Sent:** Friday, May 04, 2012 10:43 AM  
**To:** carybgrayson@gmail.com  
**Cc:** Kasey Jones  
**Subject:** Dissolved Metals

Dear Mr. Grayson:

As discussed in our phone conversation this morning I recommend that you have the analytical laboratory include analysis of dissolved metals in the suite of analysis performed on the groundwater samples collected on Wednesday May 2, 2012 by Stratus Environmental from the subject site. This recommendation is based on my review of the dissolved metals concentrations presented in the Pilot Test Report (Status, Feb 2011) and the First Quarter 2011 Quarterly Monitoring and Sampling Report (Stratus, March 2011). In the Pilot Test Report Stratus states that with the exception of Fe, metals concentrations reported in post-injection samples did not show a significant change in concentration from pre-injection levels, and in the First Quarter 2011 Monitoring Report, although the results are tabulated, the dissolved metal concentrations are not discussed at all. The conclusion that the RegenOx injection did not cause an unexpected increase in dissolved metals concentrations is not consistent with the analytical data presented in Table 2 – Groundwater Analytical – Dissolved Metals Summary. Of particular note are the arsenic concentrations detected in samples collected from groundwater monitoring well DW-1 which shows arsenic concentrations increasing from a pre-injection concentration on August 3, 2010 of

9.4 ug/L to 87 ug/L on October 7, 2010, and 41 ug/L in January 13, 2011. Based on a review of subsequent groundwater monitoring reports, it appears that no additional analysis for dissolved metals has been performed to monitor the concentrations of dissolved metals.

Regards,

**Dilan Roe, P.E.**

Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502  
510.567.6767; Ext. 36767  
QIC: 30440  
[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>