From: Lee, Don
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira, Raymond; Tom Perina (tom.perina@ch2m.com)
Subject: RE: Drilling update - April 12, 2013
Date: Friday, April 12, 2013 6:32:32 PM
Attachments: Table 1_GW results 4 12 13.pdf

Please find attached a draft table summarizing preliminary depth-discrete groundwater laboratory analysis results received to date. VOC concentrations in several samples are above the MCLs.

Completed today:

- Hydropunch sampling attempted at 239'. Groundwater sample was collected.
- Hydropunch sampling attempted at 250'. Gravelly soil. Drilling mud was detected inside sampling rods before opening the Hydropunch sampler. No groundwater sample was collected.

- Hydropunch sampling attempted at 253'. Groundwater sample was collected.

Planned for April 15:

- Continue drilling and Hydropunch sampling at approximately 10' interval.
- Depth of 275' may be reached late Monday April 15 or Tuesday morning.
- Ream borehole on April 16.
- Geophysical logging on April 17.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist
Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Friday, April 12, 2013 8:06 AM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epamail.epa.gov; Tom Perina (tom.perina@ch2m.com)
Subject: RE: Drilling update - April 11, 2013

Completed on April 11:

- Hydropunch sampling attempted at 228'. Gravelly soil. Drilling mud was detected inside Hydropunch sampler. No groundwater sample was collected.
- Pull drilling rods and drill out blockage (likely cobbles) up inside drill shoe. Trip down drilling rods.

Planned for April 12:

- Continue drilling and Hydropunch sampling at 10' interval.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Wednesday, April 10, 2013 8:10 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epamail.epa.gov; Tom Perina (tom.perina@ch2m.com)
Subject: RE: Drilling update - April 10, 2013

Completed today:

- Hydropunch sampling attempted at 204'. Groundwater sample was collected.
- Hydropunch sampling attempted at 210.5 '. Groundwater sample was collected.
- Hydropunch sampling attempted at 219.5'. Groundwater sample was collected.

Planned for tomorrow:

- Continue drilling and Hydropunch sampling at 10' interval.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don

Sent: Tuesday, April 09, 2013 3:30 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epamail.epa.gov; Tom Perina (tom.perina@ch2m.com)
Subject: RE: Drilling update - April 9, 2013

Completed today:

- Hydropunch sampling attempted at 181'. Groundwater sample was collected.
- Hydropunch sampling attempted at 191'. Groundwater sample was collected.
- Hydropunch sampling attempted at 200'. Drilling mud was detected inside sampling rods before opening the Hydropunch sampler. No groundwater sample was collected.

Planned for tomorrow:

- Drill to 203' and attempt Hydropunch sampling at approximately 206'.
- Continue drilling and Hydropunch sampling at 10' interval.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist
Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Monday, April 08, 2013 4:34 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epamail.epa.gov; Tom Perina (tom.perina@ch2m.com)
Subject: FW: Drilling update - April 8, 2013

Completed today:

- Hydropunch sampling attempted at 161'. Groundwater sample was collected.
- Hydropunch sampling attempted at 170.5'. Groundwater sample was collected.

Planned for tomorrow:

- Continue drilling and Hydropunch sampling at 10' interval.

Don Lee, PG, CHG | Senior Hydrogeologist
Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Friday, April 05, 2013 5:01 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epa.gov
Subject: RE: Drilling update - April 5, 2013 (updated)

Completed today:

- Hydropunch sampling attempted at 141'. Gravelly. Only able to penetrate 1'. Drilling mud in sample. No sample collected.
- Hydropunch sampling attempted at 146.5'. Soft clay. Dry.
- Hydropunch sampling attempted at 152'. Groundwater sample was collected.

Planned for April 8:

- Continue drilling and Hydropunch sampling at 10' interval.

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Friday, April 05, 2013 4:18 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epa.gov
Subject: RE: Drilling update - April 5, 2013

Completed today:

- Hydropunch sampling attempted at 141'. Gravelly. Only able to penetrate 1'. Drilling mud in sample. No sample collected.
- Hydropunch sampling attempted at 146.5'. Soft clay. Dry.
- Hydropunch sampling being attempted at 150'.

Planned for April 8:

- Continue drilling and Hydropunch sampling at 10' interval.

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Thursday, April 04, 2013 4:54 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epa.gov
Subject: RE: Drilling update - April 4, 2013

Completed today:

- Hydropunch sampling attempted at 120.5'. Sample collected.
- Hydropunch sampling attempted at 130.5'. Gravelly. Sample collected although sample appeared to contain some drilling mud.

Planned for tomorrow:

- Continue drilling and Hydropunch sampling at 10' interval.

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com
Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Lee, Don
Sent: Wednesday, April 03, 2013 9:14 PM
To: Bradley.Barquest@utc.com; Parsons, Scott; Chavira.Raymond@epa.gov
Subject: Drilling update - April 3, 2013

Completed today:

- Hydropunch sampling attempted at 107', 109.5', and 112'. Hard gravel. Drilling mud in samples.
- Hydropunch sampling attemped at 115'. Sample collected although sample appears to contain some drilling mud.

Planned for tomorrow:

- Continue drilling and Hydropunch sampling at 10' interval

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | Cell: 949.351.2192 | Fax: 949.809.5010
don.lee@tetratech.com

Tetra Tech
17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetratechgeo.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.