

EXTRA INFORMATION

12/7/09

12

Christine Joyce

**From:** Doug Halley  
**Sent:** Monday, December 07, 2009 3:45 PM  
**To:** Manager Department  
**Subject:** FW: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR Grace Acton & Concord



OTO Comments on  
November 19 2...

Based on the telephone conference with EPA today, OTO has the attached additional comments. Would it be possible to have the Selectmen approve these comments tonight so that they can be sent out immediately. Mary will be at the meeting tonight to discuss ACES comments. Thanks.

-----Original Message-----

**From:** Bruce Nickelsen [mailto:nickelsenb@oto-env.com]  
**Sent:** Monday, December 07, 2009 3:04 PM  
**To:** Doug Halley  
**Subject:** Re: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR Grace Acton & Concord

Hi Doug, attached are our comments as a WORD document - I thought you would be able to copy them to your letter? - I will be in the rest of today if you have any questions - I will be in the field tomorrow.

Bruce

----- Original Message -----

**From:** "Doug Halley" <dhalley@acton-ma.gov>  
**To:** "'Bruce Nickelsen'" <nickelsenb@oto-env.com>; "'James Okun'" <okunj@oto-env.com>  
**Sent:** Monday, December 07, 2009 10:56 AM  
**Subject:** FW: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR Grace Acton & Concord

-----Original Message-----

**From:** Mary Michelman [mailto:msmichelman@comcast.net]  
**Sent:** Monday, December 07, 2009 1:16 AM  
**To:** Golden.Derrick@epamail.epa.gov; Chris Allen; Doug Halley; 'Matt Mostoller'; 'James Okun'; 'Bruce Nickelsen'  
**Cc:** Barb.Weir@m-e.aecom.com; White.Sarah@epamail.epa.gov; 'McWeeney, Jennifer (DEP)'; breagor@concordma.gov  
**Subject:** RE: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR Grace Acton & Concord

Hi Derrick,

One of the issues I'd like to discuss on Monday's conference call is the difference between the depiction of the benzene cross-section along transect B to B' in Figure 18 of the Nov. 2009 Capture Zone Evaluation, versus the same cross-section of the same transect, using the same 2008 data set, in the April 2009 Pre-Design Results Report (Figure 4-22), and the September 2009 Concept Design (Figure 1-5).

I wanted to give everyone advance notice, so that you all would have time to locate the three figures.

Thanks! I look forward to talking to everyone tomorrow.

Mary

-----Original Message-----

From: Golden.Derrick@epamail.epa.gov [mailto:Golden.Derrick@epamail.epa.gov]

Sent: Thursday, December 03, 2009 10:46 AM

To: Chris@ActonWater.com; Doug Halley; Mary Michelman; Matt Mostoller

Cc: Barb.Weir@m-e.aecom.com; White.Sarah@epamail.epa.gov; McWeeney, Jennifer (DEP); breagor@concordma.gov

Subject: RE: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR Grace Acton & Concord

All,

I heard back from everyone about their availability for the next stakeholder's conference call. It appears that the best date for most stakeholder's is on 12/7/2009 from 1-2.

The focus of the hour call will be to discuss the Landfill area capture zone evaluation. Below is the directions and number for the conference call.

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GOLDEN, DERRICK

For Your Information,

Per your request EPA Region 1 audio conference bridge has been assigned to you:

with a start date and time of 12/7/2009 1:00pm  
and a ending date and time of 12/7/2009 2:00pm

Dial-In Number: (617)918-2824

Password: 428442

\*\*\*\*\*  
\* Instruction  
\*\*\*\*\*

Starting a conference line is quick and easy. Just follow these steps (You may want to print these instructions):

1. Give your participants the date and time of the call, your Dial-In Number and your Password. 2. At the specified time, dial your Dial-In Number.

The conference bridge will answer with

"Hello, Welcome to the USEPA Region 1 audio conference bridge.

The use of this bridge is for official EPA business only.

Please enter your assigned Password now. "

3. Enter your Password followed by #.

The conference bridge will respond with either

"Welcome to your conference. You are the first party to join." or

"Welcome. Your conference is in progress, please announce yourself." 4. If

prompted, announce yourself followed by #.

Derrick S. Golden

Remedial Project Manager

United States Environmental Protection Agency Region 1 - EPA New England 5 Post Office  
Square Mail Code OSRR07-4 Boston, MA 02109-3912

Tel: 617-918-1448

Fax: 617-918-0448

e-mail: golden.derrick@epa.gov

Matt Mostoller  
<Matt@actonwater  
.com>

12/01/2009 09:08  
AM

To  
Derrick Golden/R1/USEPA/US@EPA  
cc  
Subject  
RE: Landfill Area Capture Zone  
Evaluation and next Stakeholder's  
Conference call - WR Grace Acton  
& Concord

Derrick,

Either date works for me. My preference would be the 12/7 date as well.

-Matt

Matthew Mostoller  
Environmental Compliance Manager  
Water Supply District of Acton  
693 Massachusetts Avenue  
P.O. Box 953 Acton, MA 01720  
P 978-263-9107 F 978-264-0148

-----Original Message-----

From: Golden.Derrick@epamail.epa.gov [mailto:Golden.Derrick@epamail.epa.gov]  
Sent: Monday, November 30, 2009 3:20 PM  
To: Chris Allen; Doug Halley; Mary Michelman; Matt Mostoller  
Cc: McWeeney, Jennifer (DEP); Barb.Weir@m-e.aecom.com; breagor@concordma.gov;  
White.Sarah@epamail.epa.gov  
Subject: Landfill Area Capture Zone Evaluation and next Stakeholder's Conference call - WR  
Grace Acton & Concord

All,

I am enclosing a copy of the Landfill Area Capture Zone Evaluation for the WR Grace site. This report was generated in response to EPA's 6/9/09, comments on the Landfill Area Groundwater Pre-design Results concerning the landfill area capture zones.

Also, the attached report supplements the Landfill Area Concept Design, dated 9/8/2009, and the Supplemental Information on the Landfill Area Concept Design dated 10/23/09, both of these documents have been previously submitted for stakeholder review.

To the extent that you would like your comments considered (for the above mentioned reports) for inclusion into the final MassDEP and EPA comments to Grace, please submit them to EPA on or before December 15, 2009. I mailed out color hard copies of the attached for all the stakeholder's this afternoon.

Lastly we need to schedule our bi-monthly stakeholder conference call for December. Please

confirm if you can participate in a call on 12/7/09, from 1-2 (preferably) or 12/9/09, 12:30-1:30.

Thank you

Derrick

(See attached file: WR grace landfill evaluation Document.pdf)

Derrick S. Golden  
Remedial Project Manager  
United States Environmental Protection Agency Region 1 - EPA New England 5 Post Office  
Square Mail Code OSRR07-4 Boston, MA 02109-3912

Tel: 617-918-1448  
Fax: 617-918-0448

e-mail: golden.derrick@epa.gov Derrick S. Golden Remedial Project Manager United States  
Environmental Protection Agency Region 1 - EPA New England 5 Post Office Square Mail Code  
OSRR07-4 Boston, MA 02109-3912

Tel: 617-918-1448  
Fax: 617-918-0448

e-mail: golden.derrick@epa.gov

Comments:

1. We note that Figure 15 of the November 19, 2009 "Landfill Area Groundwater Capture Zone Evaluation" shows groundwater associated with the southeast lobe of contamination outside the capture zone with concentrations of benzene up to 1,000 ug/l. The depiction is likely conjectural, as there are no groundwater monitoring points to evaluate benzene concentrations in this groundwater. We suggest that Grace consider evaluating what the concentrations of benzene in this area are, and if they are as high as shown, either continue monitoring this area to see if concentrations decrease over time as remediation continues or implement steps to increase capture in this area;
2. The conclusion of the November 19, 2009 "Landfill Area Groundwater Capture Zone Evaluation" is that "The capture zone evaluations...demonstrate that the current Landfill Area extraction system is capturing groundwater with the highest VDC and benzene concentrations..". While this assertion may be true, the degree to which capture of the contaminated groundwater is being performed can only be demonstrated through long term groundwater monitoring. We suggest continued long-term monitoring and review of concentrations of the contaminants of concern from both the downgradient monitoring wells and the monitoring wells within the primary contaminated zones. Such monitoring should be used to demonstrate at a minimum that the groundwater contamination is not spreading, and ideally, is shrinking.