



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

March 29, 2013

*Via Email*

To: Jim Hitzeroth, BFI/Republic  
Joe Benedict, FPDDC  
Jeff Maletzke, AECOM

From: Michelle Kaysen, US EPA  
Project Coordinator  
Remediation and Reuse Branch  
LCD Corrective Action Section 2

**Re: Mallard Lake Landfill, Hanover Park, IL  
EPA Docket No. RCRA 7003-5-08-001  
Methane Trend Analysis**

On November 4, 2011, the Mallard Lake Landfill Respondents submitted a “methane trend analysis” to the US Environmental Protection Agency (EPA). That submittal was in response to an EPA request made on October 5, 2011 and further clarified during a conference call between EPA and the Respondents on October 13, 2011. It was agreed upon that the Respondents would submit a qualitative methane trend analysis.

On February 8, 2013, EPA provided email notification to the Respondents regarding the review of the methane trend analysis. That email included several comments that were subsequently discussed via email communications on February 14 and March 20, 2013. This letter serves to memorialize those communications and the consensus reached.

The Respondents will submit a methane trend analysis on a quarterly basis. These submittals will be used as visualization tools to track the methane conditions in off-site areas. In addition to the data presented in the November 4, 2011 submittal, groundwater elevation will be incorporated into the map as a superimposed layer. Static pressure at each probe will also be incorporated into the map submittals as a data point. At the conclusion of four quarters (one year) of reporting, EPA will reevaluate the frequency of submittals.

With this letter, the Respondent's November 4, 2011 submittal and subsequent communications adequately addresses the Agency's requests.

**Attachments:** Methane Trend Analysis: November 4, 2011  
Email Communications: February 8, 2013; February 14, 2013 (2); March 20, 2013