



Waste Industry Experts

Joyce Engineering, Inc.
2211 West Meadowview Rd
Suite 101
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

Fac/Perm/Co ID #	Date	Doc ID#
97-04 Wilkes Co.	7/30/11	DIN/14596

July 26, 2011



Mr. Brian Wootton
NCDENR, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699

**RE: Response to Comments on Permit to Construct (PTC) Application – Phase 4
Wilkes County MSWLF at Roaring River – Phase 4
Wilkes County, North Carolina
Permit No. 97-04, Document ID No. (Doc ID) 13408
JEI Project No. 356.1002.11, Task 02**

Dear Mr. Wootton:

Joyce Engineering, Inc. (JEI) is submitting this letter on behalf of the Wilkes County in response to the follow-up e-mail received June 10, 2011 from your continued technical review of the Permit to Construct Phase 4 of the Roaring River Landfill. For your reference, your e-mail comments are repeated below in italicized print, JEI's previous responses from the letter/documentation submitted on May 31, 2011 are repeated below in 10 pt font, and JEI's current response is provided in bold font.

In response to the letter / documentation you submitted on May 31, 2011, please address the following:

Pages 3 and 4 of your letter, pertaining to the existing gas monitoring wells (probes), states in-part the following:

"We were unable to obtain the construction records for the existing landfill gas monitoring wells, which would indicate the total depths, well screen intervals, and grouted intervals. The facility has five boundary probes: GP-1, GP-2, GP-3, GP-5, and GP-6. The probes are constructed of 1" Schedule 40 PVC with water/rust proof PVC caps and do not have stop-cock valves or identification tags. We are currently planning to modify and measure each gas well to meet the above mentioned requirements".

Also, Page 4 of your response states in-part the following:

"Revisions have been made to section 6.2 discussing the number of gas probes, the approval and signature of a professional engineer or licensed geologist for the finalized Landfill Gas Monitoring Plan, and the inclusion of the Landfill Gas Monitoring Guidance Document. The Landfill Gas Monitoring Plan will be submitted once modifications have been completed for each landfill gas monitoring well".

July 26, 2011

Page 2

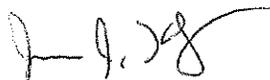
Solid Waste Section's response:

Provide a written time frame from now, when these matters will be accomplished.

Each existing landfill gas monitoring probe has been retrofitted with quick-connect valves, concrete well pads, and protective steel well casings. Identification tags will be attached to each well casing within 7 day of this letter. The Landfill Gas Monitoring Plan will be submitted to the Solid Waste Section within 60 days of this letter.

On behalf of Wilkes County, we would like to thank you for your attention to, and assistance with, this Phase 4 Permit to Construct Application. If you have any questions, please feel free to contact me at (336)323-0092.

Sincerely,
JOYCE ENGINEERING, INC.



Jeremy J. Kerly, P.G.
Senior Project Consultant

C: Kent Brandon – Wilkes County, Solid Waste Director
File