



PAT MCCRORY

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Solid Waste Section

November 16, 2015

Mr. Tim Rogers, Solid Waste Director  
460 B South Landfill Road  
Dudley, NC 28333

Subject: Comments on the Construction Record, 2015 Landfill Gas Collection System (LFGCCs) Modification  
Wayne County Landfill, Wayne County, North Carolina,  
Permit No. 9606-MSWLF-1998, Document ID No. (DIN) 25289

Dear Mr. Rogers:

On October 02, 2015 the Division of Waste Management (DWM), Solid Waste Section (SWS) received the Construction Record Report (Report) for the 2015 LFGCCs Modification Project (DIN 25197) at above-referenced landfill. This Report was prepared on behalf of Wayne County (the County) by Smith Gardner, Inc. (S+G). According to the approved LFGCCs work plan (DIN 17085) the SWS complete a review of the Report and has some comments stated below:

1. According to well completion logs in Attachment B & the Report, six-inch-diameter HDPE pipe is used for each gas well installed in this 2015 project. However, Figures 2 & 3, and the well detail - Detail 1 of D4 on Figure 4, Attachment E of the Report, which is the same as the Detail 1 of D4 on Sheet No. 9/Drawing No. D2 4 of the approved work plan (DIN17085), show the well should be an 8-inch diameter, schedule 80 PVC pipe. Please explain the discrepancy.
2. Please provide the survey coordinates for the new gas well (1GCW25) and re-drill gas wells (RD1GCW16 & RD1GCW17) at the landfill Unit 1 area. If the final gas well locations at the landfill Unit 3 area are modified/different from the proposed ones on Figure 3, Attachment E of the Report, please also provide those gas well final coordinates. In fact, the SWS prefers to have a table summarized the final gas well schedule [the ones are in the September 2012 Construction Record Report for the LFGCCs project at Wayne County Landfill (DIN17163)] including well IDs, survey coordinates, depths, the synthetic liner elevations (for Unit 3 area only), and other related information.



3. Please provide the status of the gas well 5. The Attachment B – Boring Logs & Attachment C –As-built Drawings of the Report don't provide the information of the re-drilled gas well 5 at the landfill Unit 3 area; but this gas well was originally proposed in the project scope in Attachment E.

Please submit a hard copy of the written responses to the comments and revised pages of the Report and an electronic copy (pdf format) of the entire revised Report. If you have any questions or requests for further clarification for the above-mentioned comments, please contact me at (919) 707-8251 or [ming.chao@ncdenr.gov](mailto:ming.chao@ncdenr.gov).

Sincerely,



Ming-Tai Chao, P.E.  
Environmental Engineer  
Division of Waste Management, NCDEQ

Cc:

Matthew S. Lamb, S+G  
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