

## Werner, Elizabeth

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**From:** Dave Pasko [dave.pasko@mcgillengineers.com]  
**Sent:** Monday, April 09, 2012 2:17 PM  
**To:** Werner, Elizabeth  
**Cc:** Gaither, Allen; Keller, Andrea; 'Stephen King'; 'Bill Sperry'; kelly.smith@mcgillengineers.com; 'Marty Stamey'; 'David Francis'  
**Subject:** LFG Observations at the Haywood County Francis Farm Landfill  
**Attachments:** FFLF - Feb 28, 2012.pdf; FFLF - March 29, 2012.pdf

Ms. Werner,

Per our Report of Landfill Gas Assessment submitted to your office in November 2011, please find attached LFG observations for the Francis Farm Landfill (FFLF) for February and March 2012. As noted to you in my email on February 22, 2012 and also in a follow up letter from Haywood County Solid Waste Director Stephen King on March 29, 2012, the flare at the FFLF has been in operation since February 15, 2012. For the first time since McGill Associates has performed monitoring at the FFLF, LFG 10 has shown readings (March 2012) in compliance with State Regulations. As the County continues the ongoing process of fine-tuning and balancing the well field, we hope that the downward trend in methane gas observations continues at all of the monitoring points.

The results of the March monitoring event are summarized as follows:

- 0% methane observed in all on-site structures;
- Methane in excess of 100% LEL at: LFG's 1, 2, 3, 4, 6, 11, 12.

To update you on the Project, the County is in the final stages of hooking up the generator and getting electricity onto the Haywood EMC grid. The Contractor will be onsite this week and next hooking up the gas supply to the generator and hooking up the generator to the electrical switch gear prior to connection to Haywood EMC. The last piece of the puzzle will be for Haywood EMC to run their electrical service from the meter to the generator switch gear. This last step has not been scheduled yet, but we are hoping that this occurs within 2 weeks after the switch gear is connected to the generator. Once the electrical work is completed, we can finish the As Built drawings for the Project and submit this information to the NCDENR, Solid Waste Section, Permitting Branch. At the time that the Authorization to Construct the Project was granted, the Permitting Branch allowed the County leeway in operating the flare system for tuning purposes only, prior to receiving a formal Authorization to Operate. This period of time has allowed the County to conduct the delicate act of balancing of the extraction well field, to search for oxygen leaks within the system, to verify the content of the available gas, and to trouble-shoot the flare.

Please let me know if you have any questions regarding this information.

Dave Pasko  
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