

Scanned by <i>Zinith Barbee</i>	Date 6/29/10	Doc ID # 10990
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**Barbee, Zinith**

**From:** Dave Pasko [dave.pasko@mcgillengineers.com]  
**Sent:** Friday, June 25, 2010 2:16 PM  
**To:** Barbee, Zinith  
**Subject:** FW: Groundwater Monitoring Wells at the White Oak LF in Haywood County  
**Attachments:** WOLF-Overall-Site-Environmental Monitoring Summary2.pdf; MW 9 from PTC MSW Ph2.pdf

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**From:** Dave Pasko [mailto:dave.pasko@mcgillengineers.com]  
**Sent:** Thursday, June 24, 2010 3:28 PM  
**To:** 'mark.poindexter@ncdenr.gov'  
**Cc:** 'Stephen King'  
**Subject:** Groundwater Monitoring Wells at the White Oak LF in Haywood County

Mark,

I just left you a voice mail regarding scheduling a conference call with Haywood County Solid Waste Director Stephen King to discuss the installation of groundwater monitoring wells at the WOLF. If possible, we would like to speak with you at 8:30 a.m. tomorrow morning to discuss the installation of these wells. Let us know if you can talk with us in the morning, or if there's another time that we can schedule a conference call.

**Background**

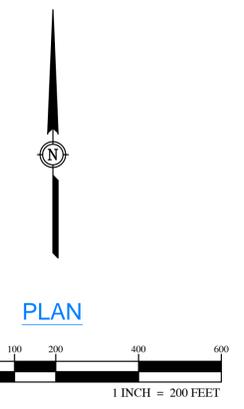
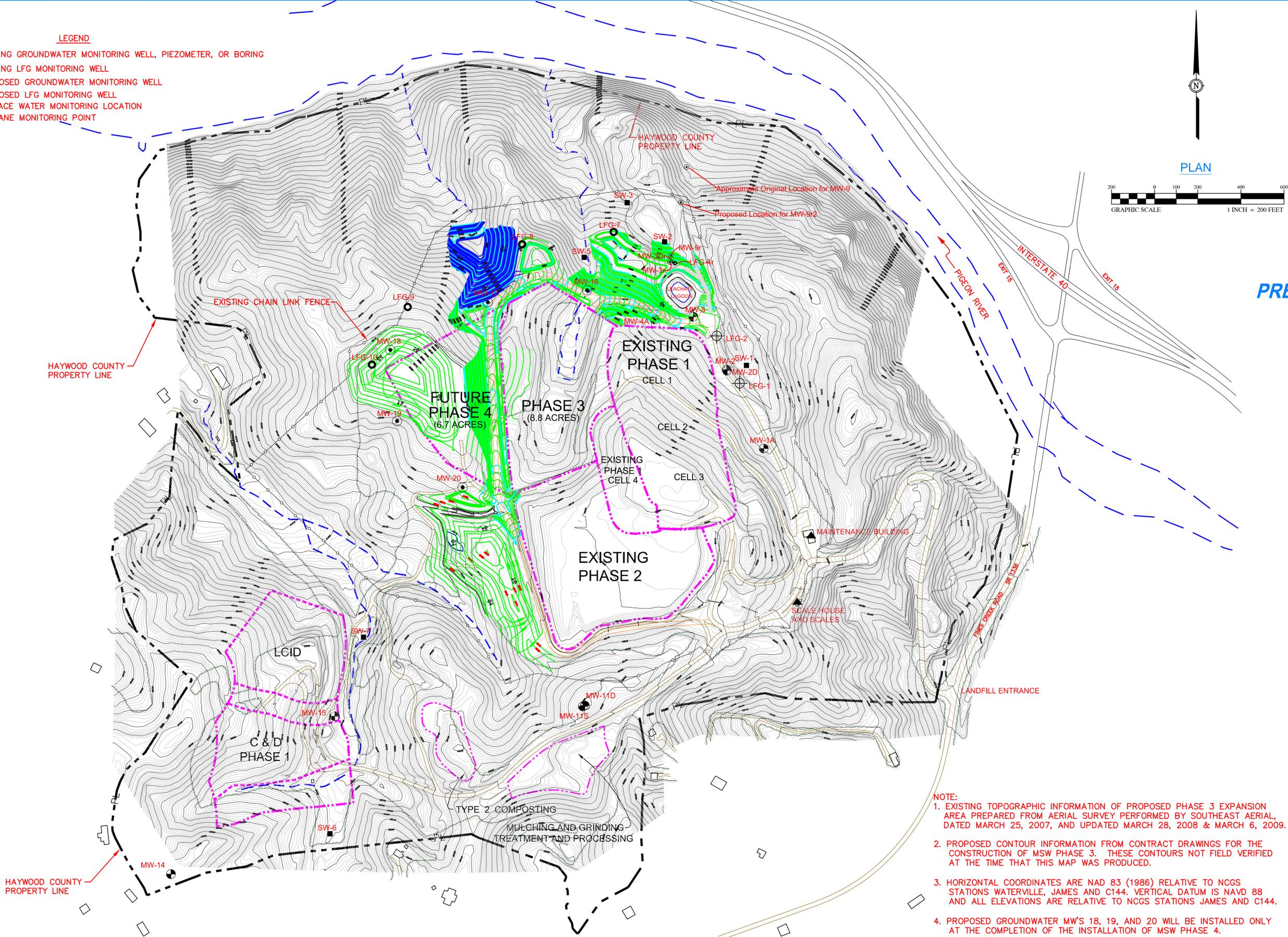
MW 9 was permitted at the time of the construction of MSW Phase 2, around 2000. The PTC documentation shows that MW 9 was located in a watershed northeast and downgradient from MSW Phase 1, approximately 600 feet from the Phase 1 waste limits. Record drawings of this well have never been located. MW 9 was shown in the *permitted* location for the MSW Phase 3 PTC. Semi-annual sampling of the well was conducted and analysis results submitted to NCDENR. The area north of MSW Phase 1 was very heavily vegetated, and as you can see on the attached sketch, the terrain is extremely steep. It was not known until May 28th of this year, that MW 9 was not installed as shown on the PTC MSW Phase 2 documentation. The County wants to install this well as intended on the MSW Phase 2 PTC. In our conference call, the County would like to discuss with you options for the location of this well. Please refer to the attached sketches, which illustrate the environmental monitoring infrastructure for the WOLF and the original location for MW 9 from the Phase 2 PTC. The County proposes that **MW 9r2** be installed in lieu of a MW at the original location for MW 9. After the report from PACE Environmental on May 28th that MW 9 was no longer accessible, I spent about 4 hours in the woods looking for the original MW 9. It's obvious why the MW was not installed there - the original proposed location is located on a 1:1 slope and access to this area is next to impossible. Safety concerns and construction costs for the installation of this well must be taken into account.

The County wants to do the right thing and install the proper environmental monitoring infrastructure. The County would like to speak with you regarding addressing outstanding issues pertaining to groundwater monitoring at the White Oak Landfill. We appreciate your assistance with this project.

Dave Pasko  
McGill Associates  
828/252-0575

Q:\2007\07518\PERMIT-TO-CONSTRUCT\Post Construction Environmental Monitoring Plan\07518-C1-Overall-Site-Plan-2.dwg 6/24/2010 2:31 PM DAVE PASKO

- LEGEND**
- EXISTING GROUNDWATER MONITORING WELL, PIEZOMETER, OR BORING
  - ⊕ EXISTING LFG MONITORING WELL
  - PROPOSED GROUNDWATER MONITORING WELL
  - ⊙ PROPOSED LFG MONITORING WELL
  - SURFACE WATER MONITORING LOCATION
  - ▲ METHANE MONITORING POINT



**PRELIMINARY**

JOB NO.: 07518  
 DATE: JUNE 2010  
 DESIGNED BY: DP  
 CADD BY: DP  
 DESIGN REVIEW:  
 CONST. REVIEW:  
 FILE NAME:  
 07518-C1-Overall-Site-Plan-2.dwg

POST MSW PHASE 3 CONSTRUCTION  
 ENVIRONMENTAL MONITORING  
 INFORMATION

**SHEET**  
**C1**

- NOTE:**
1. EXISTING TOPOGRAPHIC INFORMATION OF PROPOSED PHASE 3 EXPANSION AREA PREPARED FROM AERIAL SURVEY PERFORMED BY SOUTHEAST AERIAL, DATED MARCH 25, 2007, AND UPDATED MARCH 28, 2008 & MARCH 6, 2009.
  2. PROPOSED CONTOUR INFORMATION FROM CONTRACT DRAWINGS FOR THE CONSTRUCTION OF MSW PHASE 3. THESE CONTOURS NOT FIELD VERIFIED AT THE TIME THAT THIS MAP WAS PRODUCED.
  3. HORIZONTAL COORDINATES ARE NAD 83 (1986) RELATIVE TO NCGS STATIONS WATERVILLE, JAMES AND C144. VERTICAL DATUM IS NAVD 88 AND ALL ELEVATIONS ARE RELATIVE TO NCGS STATIONS JAMES AND C144.
  4. PROPOSED GROUNDWATER MW'S 18, 19, AND 20 WILL BE INSTALLED ONLY AT THE COMPLETION OF THE INSTALLATION OF MSW PHASE 4.

NO.	DATE	BY	REVISION DESCRIPTION



PIGEON RIVER -  
CAROLINA POWER & LIGHT  
SHEET NO. 12, PAGES 87 AND 88

PIGEON RIVER -  
& LIGHT