

## Barbee, Zinith

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**From:** Barbee, Zinith  
**Sent:** Friday, July 02, 2010 1:58 PM  
**To:** 'Dave Pasko'; Andrew W. Alexander  
**Cc:** Lane, Ervin; Keller, Andrea; Poindexter, Mark  
**Subject:** MW-9 at White Oak Landfill. Permit 44-07

Groundwater Monitoring Well, MW-9  
White Oak Landfill  
Permit 44-07  
Doc ID 11011

This is a followup of our conversation on the afternoon of June 30 regarding elimination of existing MW-9. Prior discussion with the SWS on June 25 pertained to first, replacing the well in its original location; second, relocating the well to an uphill location. On June 30 McGill Associates (McGill) and Bunnell-Lammons Engineering, Inc. (BLE) proposed eliminating the well. MW-9 is part of the Environmental Monitoring Plan (Doc ID 5808) approved in April, 2009 (Doc ID 7276). Discussion referenced one of two maps presented to Mark Poindexter on June 24, forwarded to me on June 25 (Doc ID 10990). On that map three locations for MW-9 are shown--original, existing, and proposed. Also in the forwarded communication, McGill presented some background information for MW-9.

Understood is McGill's and BLE's logic for proposing to eliminate MW-9. As mentioned in my previous email (Doc ID 10923), MW-3 and MW-3D appeared already adequate for monitoring near lagoon. Nonetheless, MW-9 had been installed, reflecting recognition of a need for additional groundwater monitoring and sampling. It appears that MW-9 may have been intended to be at an intermediate depth between the shallow and deep wells near the lagoon. More information about MW-9 is necessary before the SWS can evaluate whether to eliminate it from the Environmental Monitoring Plan that McGill and BLE presented in April 2009.

Also conveyed in discussions on June 25 and 30 had been the SWS's concern about possible inadequacy of the MW-11 well cluster as the sole upgradient groundwater monitoring wells for the landfill; lack of hydrogeologic data south of Phases 1,2,3, and 4; and utilization of proposed MW-16 and MW-20 for monitoring Phase 3.

Zinith Barbee  
Hydrogeologist  
Solid Waste Section  
Division of Waste Management

1646 Mail Service Center  
Raleigh, NC 27699-1646  
tel: 919.508.8401 fax: 919.733.4810

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