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From: Barbee, Zinith
Sent: Thursday, June 24, 2010 9:18 AM
To: 'Dave Pasko'
Cc: Keller, Andrea; Lane, Ervin
Subject: Location of MW-9 at White Oak Landfill. Permit 44-07

Location of MW-9
White Oak Landfill
Permit 44-07
Doc ID 10923

This is a followup of our conversation yesterday morning and afternoon regarding the location of existing MW-9. In several documents, existing MW-9 is shown approximately 500 feet due north of the leachate lagoon, the location Andrea Keller mentioned in her email, dated June 16, 2010.

MW-9 is historically reported as the downgradient groundwater monitoring well for the landfill. It is depicted as an existing groundwater monitoring well in the Environmental Monitoring Plan (Doc ID 5808). The plan had been approved with this understanding. The well is also depicted in the aforementioned location in the Design Hydrogeologic Report (Doc ID 5807). The report had been approved with this understanding. In both documents the well is listed as "present" in data tables and a TOC (top of casing) elevation is given.

Prior to the email from McGill Associates, dated June 3, 2010 (Doc ID 10772), a different location for MW-9 had not been mentioned. On the map attached to initial email correspondence in April, 2010 (Doc ID 10501), MW-9 had not been shown among wells proposed for replacement. The well cluster comprising MW-3 and MW-3D was already sufficient for monitoring the leachate lagoon. Not found in past records is the location of MW-9 near the well cluster comprising MW-3 and MW-3D. In April, 2010, the only well reportedly near the well cluster was the landfill gas monitoring well, LFG-4. In a semi-annual monitoring report dating back to 2007, a sampled MW-9 is depicted 500 feet north of the leachate lagoon. A top of casing elevation and groundwater elevations are listed for it in a table included in the report.

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