



Board of County Commissioners

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August 4, 2023

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Cindy Mulkey, Deputy Director
Division of Water Resource Management
Siting Coordination Office
2600 Blair Stone Road, MS 3500
Tallahassee, FL 32399-2400

**Re: Lee County Resource Recovery Facility, PA90-30H
Relocation of Monitoring Well Location
WACS Facility ID: 93715**

Dear Ms. Mulkey:

The Lee County Solid Waste Division requests approval of a post-certification amendment to the Conditions of Certification (PA90-30H) for the Lee County Solid Waste Energy Recovery Facility (SWERF) to relocate wells MW-2S/MW-2D. This request for a post-certification amendment is being submitted to the Siting Coordination Office and copied to the FDEP South District Office.

Monitoring well cluster MW-2S/MW-2D is located on the northeast side of the SWERF and directly east of the CDDRF. Well MW-2S currently serves as a detection well for the SWERF and as the background well for the CDDRF. MW-2D is designated as a piezometer for water-level-only measurements. The well cluster was originally installed in November 1992, prior to construction of the CDDRF and the stormwater retention areas in 2011.

By default, the location of MW-2S directly east of and upgradient of the newly constructed CDDRF placed it in a position to be considered a "surficial aquifer background well" for the CDDRF. However, the area surrounding MW-2S was also incorporated into a stormwater retention area during the construction of the CDDRF (see Attachment 1). Groundwater data, post CDDRF construction, suggests that MW-2S is not appropriately located for determining accurate background water-quality.

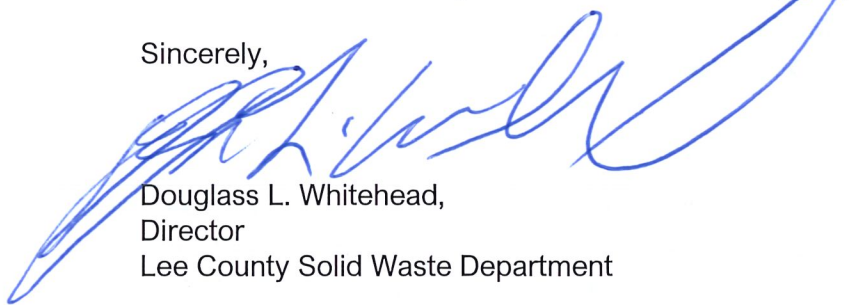
The Solid Waste Department proposes to amend the groundwater monitoring network by replacing MW-2S/MW-2D with a new well cluster (MW-2SR/MW-2DR)

outside the footprint of the stormwater retention area. Well cluster MW-2S/MW-2D will be closed.

Attachment 1 shows the proposed site for installation of the replacement well cluster. It has been determined that this location is appropriate both as a background well for the CDDRF and detection a well for SWERF.

Upon approval of this post-certification amendment, the Solid Waste Division will install the new well cluster in accordance with the requirements of the SWERF's Conditions of Certification and Groundwater Monitoring Plan (GWMP). Following the Initial Sampling event outlined in the GWMP, MW-2SR will be added to the routine semiannual samplings in February and August for the parameters listed in the Facility's current GWMP. Well MW-2DR will be designated as a piezometer and used in semiannual groundwater contour mapping.

Sincerely,



Douglass L. Whitehead,
Director
Lee County Solid Waste Department

Attachments: Proposed May 2023 GWMP
August 2010 GWMP
October 2010 FDEP Approval Letter

cc: R. Kwiat, R. Rodriguez, T. Lamontagne, A. DuBois

Lee County Resource Recovery Facility, PA90-30H
Post-Certification Amendment – Replacement of Well MW-2S/MW-2D
Conditions of Certification No. PA90-30H
WACS Facility ID: 93715

