



Review of 3<sup>rd</sup> Quarter Landfill Gas Migration Monitoring Report  
for  
J. E. D. Solid Waste Management Facility

Review Date: 7/31/13	WACS ID #: 89544
Facility Name: J. E. D. Solid Waste Management Facility	
Report Date: 7/15/13	Sampling Date: 7/8/13
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I have reviewed the “Quarterly Monitoring Report, Perimeter Gas Monitoring Probes—July 2013” prepared and submitted by the facility. The facility is required by Rule 62-701.530(2)(c), Florida Administrative Code, to sample for landfill gas and report the results to the Department.

The lower explosive limit (LEL) for methane (CH<sub>4</sub>) is 5% by volume of air. The report appropriately gives the methane concentrations as a percent of the LEL. The facility calibrated the methane detection instrument using methane and sampled all 18 monitoring locations used to determine offsite landfill gas migration.

None of the two ambient monitoring point sampling locations in structures, excluding gas control or recovery components, exceeded 25% of the LEL (i.e., 1.25% methane by volume).

Two of the 16 soil monitoring probe sampling locations exceeded 100% of the LEL as follows:

GP-7R = 132% of the LEL

GP-21R = 228% of the LEL

In response to exceedances during past quarterly monitoring, the facility developed a gas remediation plan that outlines the investigative and corrective actions to address the lateral migration of gases. The facility will continue exercising the plan and revise it as necessary until the gas migration issue is deemed resolved by the Department.

By: Allen Rainey  
Environmental Specialist III  
Central District