

Melton, Dale

From: Melton, Dale
Sent: Wednesday, April 26, 2017 3:14 PM
To: 'mailto:EParker1@wm.com'
Cc: Melton, Dale
Subject: FDEP Review of 2nd Quarter Methane Probe Monitoring Report - Vista Landfill – WACS Facility ID: 87081

Dear Mr. Parker,

I have reviewed the 2nd Quarter 2017 Methane Monitoring Report, which was dated 4/10/2017 and submitted on 4/11/17 for the Vista Landfill – WACS Facility ID: 87081. The facility is required by Rule 62-701.530(2)(c), Florida Administrative Code (F.A.C.), to sample quarterly for landfill gas and report the results to the Department. The facility's solid waste permit (0165969-027-SO-MM) requires submittal of the report no later than 15 days after the end of the quarter in which the monitoring occurred.

The lower explosive limit (LEL) for methane is 5% by volume of air (50,000 ppm). Rule 62.701.530, F.A.C., limits combustible gases generated by the facility from exceeding:

- 25% of the LEL (12,500 ppm) in structures (excluding gas control or recovery components), and
- 100% of the LEL at or beyond the property boundary.

The report gives the methane concentrations as percentages of methane concentrations in air for the gas probes and in ppm for the ambient points. On 4/3/17, the facility measured for methane concentrations at the 25 probe monitoring locations used to determine landfill gas migration, and the 2 ambient methane monitoring locations.

Methane Measurements

Ambient monitoring points in structures (2): No measurable methane concentrations were reported.

Soil monitoring probes (25): No measurable methane concentrations were reported.

However, the report did not include the instrument calibration sheet(s) for the April 3, 2017 methane measurement event. Are the instrument calibration sheets available? If so, please submit the instrument calibration sheets for the April 3, 2017 Methane measurement event on or before May 8, 2017. Please include the instrument calibration sheets in all future quarterly Landfill Gas Monitoring Reports.

Please perform the Third Quarter Gas Monitoring Event, and submit a report detailing the results of these field activities to the Department.

Should you have any questions, please feel free to contact me at the telephone number or email address below.

Cordially,

Dale Melton
Environmental Specialist III
Geologist

Solid Waste Permitting
FDEP Central District
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