



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD, SUITE 232
ORLANDO FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

July 18, 2019

Mr. Benjamin Gray
District Manager
Waste Connections
1501 Omni Way
St. Cloud, FL 34773
Benjamin.Gray@WasteConnections.com

Osceola County – Solid Waste
J.E.D. Landfill
1501 Omni Way
St. Cloud, FL 34773
WACS ID: 89544
Review of Perimeter Gas Report – 2nd Quarter 2019

Dear Mr. Gray:

We have reviewed the “**Quarterly Monitoring Report - Perimeter Gas Monitoring Probes – 2nd Quarter 2019**” (Report), which was dated and received on July 15, 2019, for the **J.E.D. Landfill – (Solid Waste Management Facility) - WACS Facility ID: 89544 – Osceola County**. The report was submitted by Waste Connections of Osceola County, LLC. The facility performs quarterly sampling for landfill gas and reports the results to the Department on a quarterly basis. Operating Permit No. 0199726-033-SO-01. The report is satisfactory, and the facility is in compliance.

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 percentage by LEL for the gas probes, the temporary gas probes, and the ambient points as depicted in the “Perimeter Gas Probe Monitoring Log”. On May 30, 2019, the facility measured for methane concentrations at the twenty three (23) gas probe monitoring locations, eleven (11) temporary gas probe locations, and the three (3) ambient air monitoring locations (Office, Scale, and Shop), used to determine landfill gas migration. No ambient, temporary gas probe, or regular gas probe readings were above 5% of the LEL. Temporary Gas Probes TPG-12 and TPG-13 are listed as damaged and were not included in the May 2019 gas monitoring event.

Methane Measurements: May 30, 2019

Ambient air monitoring locations (3): No Elevated Methane levels above 5% of the LEL were detected.

Permanent Gas monitoring probes used in this quarterly monitoring (23): No Elevated Methane levels above 5% of the LEL were detected.

Temporary Gas probes: (11): No Elevated Methane levels above 5% of the LEL were detected.

Please perform the next scheduled quarterly gas monitoring event and provide a report detailing the results of these field activities. Please send the quarterly gas monitoring reports to DEP_CD@dep.state.fl.us and copy me on the email.

If you have any questions concerning this correspondence, please contact me by telephone at (407) 897-4326, or by email at Dale.Melton@dep.state.fl.us. Please include the **WACS Facility ID: 89544** on all reports and correspondence.

Sincerely,



Dale Melton
Environmental Consultant
Permitting and Waste Cleanup Program

cc:

Matthew Raynaud, Waste Connections, Matthew.Raynaud@wasteconnections.com

Kirk Willis, Waste Connections, kirk.wills@wasteconnections.com

Nikki Crews, Waste Connections, Nikki.Crews@WasteConnections.com

DEP: Christine Daniel, Nathan Hess, Dale Melton, Ashley Gardner