



**WASTE MANAGEMENT INC. OF FLORIDA**

North Manatee Recycling and Disposal Facility  
14415 County Road 39  
Duette, FL 34219

January 5, 2018

Mr. Christopher Bolyard  
District Manager  
Waste Management Inc. of Florida  
North Manatee Recycling and Disposal Facility  
14415 County Road 39, Duette, FL 34219

RE: 2018 Landfill Inspection Report  
EPA 40 CFR Parts 257 and 261  
North Manatee Recycling and Disposal Facility  
14415 County Road 39, Duette, FL 34219

Background:

NMRDF is a Class III landfill located in northern Manatee County, on a 208-acre property at 14155 County Road 39 in Duette, Florida. The site lies within Sections 1 and 6, Township 33 South, and Ranges 21 and 22 East in Manatee County, Florida. The main entrance of the facility is located at latitude 29°30'41.6"N, longitude 82°8'48.0"W. The permitted footprint of the landfill is approximately 112 acres. Features of the landfill include a geo-composite liner, a leachate collection and transmission system, a limited gas collection system, and storm water improvements. As part of the permitting and approval process, the landfill design has been subject to, but not limited to, slope stability analysis, subgrade settlement analysis, and leachate generation modeling. Construction of landfill cells follow an approved quality assurance plan. Completed cells are certified by a qualified professional engineer prior to the placement of waste. All technical specifications and certifications are maintained as part of the operating record.

At this time, four cells (cells 1-4) are constructed. Cells 2 and 4 are currently being filled and Cells 1-3 have received a 2-foot clay cover. All four cells have received CCR material in 2017.

Annual Inspection Results:

On January 5, 2018, existing cells 1-4 were inspected by Elizabeth Foeller P.E. The inspection was performed consistent with recognized and generally accepted good engineering standards and included the following elements:

(i) A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record (e.g., the results of inspections by a qualified person and results of previous annual inspections); and

(ii) A visual inspection of the cells containing CCR waste to identify signs of distress or malfunction of the landfill unit. The visual inspection included:

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1. The landfill perimeter and associated berms
2. Exterior and interior side slopes
3. Access roads
4. Condition of cover
5. The working face
6. Storm water infrastructure

No evidence of cracking, excess settlement, cell geometry changes or sloughing was noted with exterior/interior slopes. No actual or potential structural weakness of the cells were noted and vegetative cover was in place. In addition, no existing conditions are disrupting or have the potential to disrupt the operation and safety of the landfill cells.

Cover material was in good condition. No other malfunctions of the landfill construction or maintenance were observed. An additional rain flap and wind defender cover was added to the side slopes of Cell 1. Approximately 2-feet of clay was added over the existing CCR material placed in Cells 1 and 3 to isolate rainfall infiltration in this area. Access roads were well maintained as were stormwater components. Drainage features were clear of debris.

The overall condition of the landfill was very good. Weekly inspections performed by a qualified staff person were discussed and were consistent with the annual inspection observations.

The approximate volume of CCR material at the time of inspection was 385,063 tons.

This report was prepared in accordance with the requirement of EPA 40 CFR Parts 257 and 261 Federal Regulation Volume 80, 21302 (April 17, 2015). If you have any questions or concerns regarding any of the information presented above, please feel free to contact me.

Sincerely,



Elizabeth Foeller, P.E.

P.E. License # 61676

Area Manager – Environmental Protection  
Waste Management Inc. of Florida

