



**Review of 2017 1<sup>st</sup> Quarter Compost Analysis Report  
for  
Vista Landfill, LLC**

Review Date: 3/22/17	Reviewed By: Allen Rainey, Environmental Specialist III	WACS Facility ID #: 87081	
Facility Name: Vista Landfill, LLC		County: Orange	
Facility Class Type: Source-Separated Organics Processing Facility			
Report Date: 3/8/17		Received Date: 3/8/17	
Prepared By: Waste Management Inc. of Florida		Submitted By: Waste Management Inc. of Florida	
Report Title: Q1 2017 Composting Disinfection Sample Results			
<b>Review Summary</b>			
<ul style="list-style-type: none"> <li>The facility demonstrated compliance with the fecal coliform limit and disinfection process in Rule 62-709.300(8), F.A.C., and the frequency of testing and analytical result reporting requirements in Rule 62-709.530, F.A.C.</li> <li>The report's %ROM calculation references last year, which seems to be a typographical error. Additionally, the facility used an incorrect value (57.60) for the compost percent organic matter and reported a %ROM result of 78.8. Use of the correct value (57.06) results in a %ROM value of 79.3.</li> </ul>			
<b>Sampling &amp; Reporting</b>			
Sampling Date: 2/15/17			
Report received within 30 days of sample collection? YES			
Fecal coliform analysis by certified laboratory? YES (Midwest Laboratories, Inc. via EPA Method 1681)			
% moisture = 45.85	% reduction in organic matter <sup>t</sup> = 79.3	% organic matter = 57.06 (dry basis)	pH = 7.6
<b>Processing &amp; Analysis</b>			
Frequency of testing	Done every 20,000 tons of material/compost produced? N/A		only one is applicable
	Done three every months? YES		
Rule option 1	Fecal coliform density < 1000 Most Probable Number per gram of total solids? YES		only one is applicable
	<i>Salmonella</i> sp. density < 3 Most Probable Number per four grams of total solids? N/A		
	Maintained ≥ 55° C for three consecutive days in a mechanical composter or an aerated, insulated static pile? YES		only one is applicable
Maintained ≥ 55° C for 15 consecutive days in a windrow with at least five windrow turnings? N/A			
Rule option 2 (the facility is not using this option)	Fecal coliform density < 1000 Most Probable Number per gram of total solids? N/A		only one is applicable
	<i>Salmonella</i> sp. density < 3 Most Probable Number per four grams of total solids? N/A		
	Enteric viruses density < 1 plaque-forming unit per four grams of total solids? N/A		
	Helminth ova density < one per four grams of total solids? N/A		
For compost made from solid waste other than yard trash, vegetative wastes, animal byproducts, or manure*	Cadmium = < 0.50 mg/kg (dry basis)	Copper = 26.8 mg/kg (dry basis)	Zinc = 66.7 mg/kg (dry basis)
	Lead = < 5 mg/kg (dry basis)	Nickel = < 1 mg/kg (dry basis)	% foreign matter = not reported (N/A)

\* the facility reported these values even though they are not required

<sup>t</sup> (1) based on a baseline feedstock sample received by the laboratory on 1/17/17 containing 86.5 percent organic matter, dry basis

(2) as calculated by the Department using correct compost percent organic matter value