

Hsu, Benjamin

From: Wiesman, Ronald <WiesmanR@hillsboroughcounty.org>
Sent: Thursday, November 01, 2018 9:15 AM
To: Morgan, Steve; Barker, Maurice; Kautz, Lance; SWD_Waste
Cc: Byer, Kimberly; Schinella, Beth; O'Neill, Joseph; Ruiz, Larry
Subject: [41193] Hillsborough County October Composting Report
Attachments: October2018 Rpt.pdf

Mr. Morgan,

The October composting report for Hillsborough County is attached.
Please advise should you have any questions concerning the information provided.

Thank you

Ron Wiesman II
Senior Supervisor
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TRANSPORTATION & UTILITIES SERVICES ADMINISTRATOR

John Lyons

PO Box 1110 Tampa, FL 33601-1110
(813) 307-4754

MEMORANDUM

DATE November 1, 2018

TO: Steve Morgan, Environmental Permitting Manager, FDEP
Maurice Barker, Biosolids Coordinator, FDEP
Lance Kautz, Environmental Specialist I, FDEP

FROM: Ron Wiesman, Senior Supervisor, Solid Waste Management Division

SUBJECT: Hillsborough County Biosolids Composting Monthly Report: October 2018

Biosolids Received (wet tons):	63.26 tons of biosolids received for the month. Stopped composting due to problems with the mulch feedstock.
Source of Biosolids:	Hillsborough County Falkenburg AWWTP
Source of Bulking Agent:	Hillsborough County Falkenburg Yard Waste Processing Site
General Description of Activities:	All incoming biosolids were mixed with bulking agent and formed into windrows on the same day as received. 1 windrows was formed and in active composting as of 10/31/18. Windrow temperatures were monitored daily. Screening of compost in the curing area continued. Sampling was performed on October 16, 2018. 626.01 tons of finished compost was picked up by Life Soils.
Attachments:	A

RWW/ya
Attachments

CC: Beth Schinella, Division Director, Utility Operations, PUD
Kim Byer, Division Director, Solid Waste Management Division
Joseph O'Neill, Professional Engineer II, Solid Waste Management Division
Larry Ruiz, Section Manager, Solid Waste Management Division]

Attachment A

Hillsborough County Composting - Monitoring Sheet (MSAP Method)					Windrow # 18-10-23	
Windrow Construction:			Date Commenced: 10-22-18		Date Completed: 10-23-18	
Date	Operator Name	Biosolids (tons)	Biosolids (yards)	Yard Waste (yards)	Overs (yards)	Cover (yards)
10/22/18	Mike Bayne	18.51	24.06	52	28	
10/22/18	Mike Bayne	22.99	29.89	52	28	80
10/23/18	Oscar Ochoa	21.76	28.29	52	28	50
Totals		63.26	82.24	156.00	84.00	130.00
Windrow Construction ratio:		4.50 /1				
Note: Yard waste yards = number of buckets * 4.00						

MSAP Process Temperature Chart Windrow# 18-10-23																						
Temperature: Shading equals temperature 131 or greater for PFRP.																						
Days	Date	Point 1				Point 2				Point 3				Point 4				Average				Turn
		10	20	30	40	10	20	30	40	10	20	30	40	10	20	30	40	10"	20"	30"	40"	
1	10/24/18	130	120	118	116	123	114	109	108	148	132	121	116					133.67	122	116	113.33	
2	10/25/18	158	154	143	135	132	126	122	119	154	154	136	124					148	144.67	133.67	126	
3	10/26/18	156	156	148	136	144	140	138	138	154	154	141	132					151.33	150	142.33	135.33	
4	10/27/18	154	156	148	141	146	148	144	138	152	156	146	140					150.67	153.33	146	139.67	
5	10/28/18																					
6	10/29/18	150	156	150	144	148	157	148	140	144	156	152	145					147.33	156.33	150	143	
7	10/30/18	152	160	160	154	146	158	156	150	150	156	156	148					149.33	158	157.33	150.67	
8	10/31/18	150	160	158	155	148	158	162	158	151	156	158	154					149.67	158	159.33	155.67	