

ISM
5-11-11



Florida Department of Environmental Protection

Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Residuals Annual Summary

Part I-Facility Information

FACILITY NAME:

Pebble Creek

FACILITY ID: *FL0039896*

MAILING ADDRESS:

*10210 Regents Park Drive
Tampa, FL 33647*

MONITORING PERIOD-- From: *1/1/2010* To: *12/31/2010*

Total Quantity of Residuals Applied during the Period: *72.87* dry tons

Total Number of Residuals Land Application Sites Used during Reporting Period: 2 (Parts II and III should address all residuals land application sites used)

Update of Residuals Characteristics (arithmetic average of all samples taken pursuant to Rule 62-640.650(1), F.A.C., during the reporting period):

Parameter	Units*	Ceiling Limits For Class A and B	Concentration	Parameter (continued)	Units	Ceiling Limits For Class A and B	Concentration
Total Nitrogen	%	N/A	<i>2.40</i>	Copper	mg/Kg	4300	<i>780.00</i>
Total Phosphorus	%	N/A	<i>1.20</i>	Lead	mg/Kg	840	<i>12.00</i>
Total Potassium	%	N/A	<i>0.53</i>	Mercury	mg/Kg	57	<i>1.30</i>
Total Solids	%	N/A	<i>1.40</i>	Molybdenum	mg/Kg	75	<i>5.20</i>
pH	s.u.	N/A	<i>5.39</i>	Nickel	mg/Kg	420	<i>17.00</i>
Arsenic	mg/Kg	75	<i>2.50</i>	Selenium	mg/Kg	100	<i>5.40</i>
Cadmium	mg/Kg	85	<i>0.66</i>	Zinc	mg/Kg	7500	<i>790.00</i>

*All units are in dry weight basis except for total solids and pH. All sampling and analysis shall be conducted pursuant to Title 40 Code of Federal Regulations, Section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document.

N/A=Not Applicable

Pathogen Reduction Class (Rule 62-640.600(1), F.A.C.): ☐ A ☒ B (Rule 62-640.600(1), F.A.C.)

EPA Vector Attraction Reduction Option (Rule 62-640.600(2), F.A.C.):

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☒ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

Certification

I certify under penalty of law that I have personally examined and am familiar with the information herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print)	TELEPHONE NO.
<i>RONALD A. KRAMER / REGIONAL MANAGER</i>	<i>352-617-2231</i>
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE (YY/MM/DD)
<i>Ronald A. Kramer</i>	<i>01-10-2011</i>

Part II. Total Application of Residuals or Septage, Nutrients, and Trace Elements for Application Zones Used only By This Facility (attach a separate sheet "other solids," if applicable):

Facility Name: *Pebble Creek*

Site Name	Application Zone ID(s)	Crop(s)	Dry Tons Applied per Acre	Basis	Max N allowed*	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
Melton	12	Bahia	0.1891	annual	400	21.56	12.10	1.21	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.31
				cummulative	N/A	N/A	1,853.65	338.51	1.39	0.21	28.12	1.28	0.07	1.50	0.46	39.93
Melton	13	Bahia	0.1237	annual	400	14.10	7.92	0.79	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.20
Melton	6	Bahia	0.1545	cummulative	N/A	N/A	1,279.64	276.95	1.27	0.10	19.35	0.83	0.04	1.11	0.30	22.39
				annual	400	11.44	6.15	1.38	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.25
Melton	8	Bahia	0.1340	cummulative	N/A	N/A	1,544.33	311.58	1.51	0.20	24.17	1.19	0.05	1.48	0.54	28.22
				annual	400	15.28	8.58	0.85	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.22
AMS, Inc. Nordgren RMF	N/A		0.0000	cummulative	N/A	N/A	363.52	72.62	0.20	0.11	6.53	0.28	0.01	0.37	0.10	9.80
				annual		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				cummulative	N/A	N/A	204,590.7	14,115.61	2.14	0.31	55.02	2.98	0.23	1.92	0.94	77.54

(Enter all nutrient and trace element quantities in lbs/acre)

* Based on two (2) growing seasons per year

Part III. Total Application of Residuals or Septage, Nutrients, and Trace Elements for Application Zones Used By Multiple Facilities (attach a separate sheet "other solids," if applicable):

Site Name: Mellon

Application Zone ID(s)	Crop(s)	Facility Facility ID	Dry Tons Applied per Acre	Max N allowed*	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
12	Bahia	City of Dunedin WWTP	1.7934	400	175.25	118.8260	22.8767	0.0010	0.0055	1.1100	0.1016	0.0022	0.0368	0.0169	1.8685
		FL0021326													
12	Bahia	City of Oldsmar	1.4900	400	147.38	62.6640	17.4326	0.0000	0.0360	1.1891	0.0251	0.0009	0.1161	0.0219	1.1310
		FL0027651													
12	Bahia	Pebble Creek	0.1891	400	21.56	12.1027	1.2103	0.0000	0.0002	0.3555	0.0038	0.0009	0.0349	0.0015	0.3063
		FL0039896													
12	Bahia	COBB ROAD WWTP/CITY OF BROOKSVILLE	0.4125	400	41.67	13.0669	2.7887	0.0000	0.0008	0.5590	0.0147	0.0009	0.0093	0.0067	0.5652
		FLA012036													
Annual Total			3.89	400	385.85	206.66	44.31	0.15	0.04	3.21	0.15	0.00	0.17	0.05	3.87
Cumulative Total			5,686.83		N/A	N/A	N/A	1.39	0.21	28.12	1.28	0.07	1.50	0.46	39.93
13	Bahia	City of Dunedin WWTP	0.8233	400	74.22	53.3267	11.4239	0.0029	0.0023	0.5295	0.0463	0.0010	0.0160	0.0079	0.9449
		FL0021326													
13	Bahia	City of Oldsmar	0.5247	400	62.01	25.4534	7.4199	0.0001	0.0113	0.4055	0.0083	0.0002	0.0307	0.0079	0.3178
		FL0027651													
13	Bahia	Pebble Creek	0.1237	400	14.10	7.9184	0.7918	0.0001	0.0002	0.2326	0.0025	0.0006	0.0032	0.0010	0.2004
		FL0039896													
13	Bahia	COBB ROAD WWTP/CITY OF BROOKSVILLE	0.3365	400	38.48	11.9217	2.1633	0.0001	0.0006	0.4596	0.0117	0.0007	0.0080	0.0067	0.4615
		FLA012036													
Annual Total			1.81	400	188.80	98.62	21.80	0.07	0.01	1.63	0.07	0.00	0.06	0.02	1.92
Cumulative Total			2,381.53		N/A	N/A	N/A	1.27	0.10	19.35	0.83	0.04	1.11	0.30	22.39
6	Bahia	City of Dunedin WWTP	1.8579	400	172.26	135.9130	20.4674	0.0015	0.0088	1.2149	0.1374	0.0041	0.0530	0.0201	2.0713
		FL0021326													
6	Bahia	City of Oldsmar	1.4438	400	146.27	61.3913	14.3777	0.0005	0.0320	1.4645	0.0267	0.0009	0.1146	0.0318	1.3077
		FL0027651													
6	Bahia	Pebble Creek	0.1545	400	11.44	6.1482	1.3811	0.0000	0.0002	0.2605	0.0035	0.0005	0.0048	0.0015	0.2465
		FL0039896													
6	Bahia	COBB ROAD WWTP/CITY OF BROOKSVILLE	0.4222	400	30.36	14.1188	3.0082	0.0004	0.0009	0.6024	0.0180	0.0010	0.0104	0.0038	0.6296
		FLA012036													
Annual Total			3.88	400	360.33	217.57	39.23	0.21	0.04	3.54	0.19	0.01	0.18	0.06	4.26
Cumulative Total			4,728.26		N/A	N/A	N/A	1.51	0.20	24.17	1.19	0.05	1.48	0.54	28.22
8	Bahia	City of Dunedin WWTP	1.4674	400	137.94	93.9151	21.7179	0.0060	0.0035	0.9068	0.0783	0.0019	0.0270	0.0147	1.6729
		FL0021326													

(Enter all nutrient and trace element quantities in lbs/acre)

* Based on two (2) growing seasons per year

Part III. Total Application of Residuals or Septage, Nutrients, and Trace Elements for Application Zones Used By Multiple Facilities (attach a separate sheet "other solids," if applicable):

8	Bahia	City of Oldsmar	2.3352	400	183.19	71.0359	25.4162	0.0038	0.0859	2.0679	0.0396	0.0013	0.2213	0.0374	2.2792
		FL0027651													
8	Bahia	Pebble Creek	0.1340	400	15.28	8.5783	0.8578	0.0003	0.0002	0.2520	0.0027	0.0006	0.0035	0.0011	0.2171
		FL0035595													
8	Bahia	COBB ROAD WWTPL-CITY OF BROOKSVILLE	0.5678	400	62.46	21.5760	3.7474	0.0028	0.0009	0.7268	0.0193	0.0012	0.0109	0.0052	0.7495
		FLA012036													
Annual Total			4.50	400	398.86	195.11	51.74	0.15	0.09	3.96	0.14	0.01	0.26	0.06	4.92
Cumulative Total			302.48		N/A	N/A	N/A	0.20	0.11	6.53	0.28	0.01	0.37	0.10	9.80

(Enter all nutrient and trace element quantities in lbs/acre)

* Based on two (2) growing seasons per year

Hauling Records Summary For Calendar Year From 1/1/2010 to 12/31/2010 (For Product hauled from plant to plant, plant to landfill or plant to Residuals Management Facility only)

Facility ID	Facility Name:	Quantity of Residual Hauled (gallons/CY)	Comments Hauled to
FL0039896	Pebble Creek	12.00	AMS, Inc. Nordgren RMF:AMS, Inc. Nordgren RMF

