



Florida Department of Environmental Protection

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

Residuals Annual Summary

Part I-Facility Information

Dept. Of Environmental Protection

FACILITY NAME:

SUNRISE MHP WWTP

FEB 11 2011

FACILITY ID: **FLA011953**

MAILING ADDRESS:

2371 S.E. HWY 31

Southwest District

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

ARCADIA, FL 33821

Total Quantity of Residuals Applied during the Period: **0.29** dry tons

Total Number of Residuals Land Application Sites Used during Reporting Period: **1** (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	7.37	Copper	mg/Kg	4300	186.00
Total Phosphorus	%	N/A	1.77	Lead	mg/Kg	840	21.00
Total Potassium	%	N/A	0.46	Mercury	mg/Kg	57	1.00
Total Solids	%	N/A	1.61	Molybdenum	mg/Kg	75	3.60
pH	s.u.	N/A	6.84	Nickel	mg/Kg	420	12.00
Arsenic	mg/Kg	75	3.10	Selenium	mg/Kg	100	5.00
Cadmium	mg/Kg	85	1.30	Zinc	mg/Kg	7500	1,395.00

*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>Michael Strand</i>	<i>843-940-1393</i>
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE (YY/MM/DD)
<i>[Signature]</i>	<i>2-9-11</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: SUNRISE MHP WWTP

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
Flint Ranch/ Manatee	4	Bahia	0.0115	annual	400	2.57	0.50	0.10	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04
				cumulative	N/A	N/A	489.77	19,659.15	0.11	0.09	38.80	0.59	0.03	0.40	0.17	27.53

(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: Flint Ranch/ Manatee

Application Zone ID(s)	Crop(s)	Facility	Dry Tons Applied per Acre	Max N allowed*	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
		Facility ID													
4	Bahia	SUNRISE MHP WWTP	0.0115	400	2.57	0.5023	0.1009	0.0001	0.0001	0.0062	0.0005	0.0000	0.0004	0.0001	0.0429
		FLA011953													
4	Bahia	OAK VIEW MHP WWTP	0.0235	400	3.40	0.8688	0.2160	0.0001	0.0001	0.0085	0.0010	0.0000	0.0006	0.0002	0.0702
		FLA011956													
4	Bahia	CROSS CREEK CORRV RESORT WWTP	0.0555	400	11.89	2.5035	0.7524	0.0001	0.0001	0.0147	0.0005	0.0001	0.0008	0.0013	0.0805
		FLA011959													
4	Bahia	DESOTO VILLAGE WWTP	0.0089	400	1.70	0.3843	0.0907	0.0001	0.0000	0.0029	0.0002	0.0000	0.0002	0.0002	0.0139
		FLA011960													
4	Bahia	BIG TREE OF ARCADIA	0.0267	400	5.13	0.9277	0.2826	0.0002	0.0001	0.0091	0.0006	0.0000	0.0006	0.0009	0.0542
		FLA011961													
4	Bahia	LITTLE WILLIES RV PARK	0.0097	400	2.01	0.3833	0.0678	0.0001	0.0000	0.0033	0.0001	0.0000	0.0002	0.0004	0.0227
		FLA011962													
4	Bahia	ARCADIA VILLAGE PHASE 1 WWTP	0.0887	400	14.21	3.4871	0.6331	0.0001	0.0002	0.0171	0.0011	0.0001	0.0015	0.0087	0.1590
		FLA011963													
4	Bahia	LAKE SUZY UTILITIES	0.1029	400	11.95	4.1277	1.1559	0.0000	0.0005	0.0564	0.0041	0.0000	0.0036	0.0020	0.2834
		FLA011964													
4	Bahia	LIVE OAK R.V. RESORT	0.0800	400	12.61	2.8894	0.6724	0.0001	0.0001	0.0134	0.0008	0.0001	0.0012	0.0017	0.1077
		FLA011969													
4	Bahia	Peace River Youth Academy	0.0149	400	1.11	0.7975	0.4062	0.0002	0.0002	0.0105	0.0003	0.0000	0.0009	0.0004	0.0173
		FLA011986													
4	Bahia	HOLIDAY PALMS RVP	0.0053	400	0.65	0.1555	0.0949	0.0000	0.0000	0.0042	0.0002	0.0000	0.0002	0.0001	0.0033
		FLA012143													
4	Bahia	MANATEE RVP	0.0053	400	0.57	0.1109	0.0836	0.0000	0.0000	0.0020	0.0002	0.0000	0.0001	0.0002	0.0076
		FLA012144													
4	Bahia	HILLSBOROUGH CORRECTIONAL	0.0704	400	7.37	1.6965	0.5280	0.0001	0.0001	0.0443	0.0012	0.0002	0.0013	0.0008	0.0643
		FLA012608													
4	Bahia	BURNT STORE COLONY MOBILE HOME PARK	0.0526	400	2.00	1.7253	0.1757	0.0002	0.0001	0.0109	0.0009	0.0002	0.0010	0.0006	0.0845
		FLA014088													
4	Bahia	Sun N Shade Campground WWTP	0.0248	400	2.83	1.1914	0.1986	0.0003	0.0001	0.0079	0.0007	0.0000	0.0008	0.0007	0.0408
		FLA014120													

(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):

4	Bahia	REFLECTIONS ON SILVER LAKE, INC.	0.0270	400	4.04	1.3677	0.4109	0.0003	0.0001	0.0120	0.0056	0.0000	0.0058	0.0008	0.0639
		FLA014332													
4	Bahia	DAMON UTILITIES INC. AKA CASA DEL LAGO	0.0163	400	2.16	0.8568	0.2179	0.0001	0.0000	0.0189	0.0004	0.0001	0.0026	0.0004	0.0283
		FLA014334													
4	Bahia	BUTTONWOOD BAY UTILITIES, INC.	0.0571	400	9.57	2.3061	1.1074	0.0001	0.0002	0.0169	0.0011	0.0001	0.0007	0.0013	0.0855
		FLA014348													
4	Bahia	Adelaide Shores	0.0280	400	5.89	0.7929	0.1798	0.0002	0.0001	0.0078	0.0026	0.0000	0.0004	0.0006	0.0522
		FLA014358													
4	Bahia	TROPICAL HARBOR MHP WWTF	0.0203	400	3.17	0.9722	0.3848	0.0001	0.0001	0.0052	0.0006	0.0000	0.0003	0.0005	0.0301
		FLA014371													
4	Bahia	Blue Septic Tank Service RMF	3.8308	400	246.12	86.5121	32.9104	0.0000	0.0110	3.6544	0.1206	0.0152	0.0829	0.0557	6.0485
		FLA016189													
4	Bahia	TOWN OF LAKE PLACID	0.2168	400	48.57	9.4976	1.6046	0.0006	0.0006	0.1609	0.0100	0.0015	0.0074	0.0056	0.7277
		FLA281484													
Annual Total		N/A	4.76	400	399.52	123.86	42.27	0.02	0.01	4.09	0.15	0.02	0.11	0.08	8.10
Cumulative Total			315.26		N/A	N/A	N/A	0.11	0.09	38.80	0.59	0.03	0.40	0.17	27.53

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

* Based on two (2) growing seasons per year