



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:

FACILITY ID: **FLA014120**

Sun N Shade Campground WWTP

MAILING ADDRESS:

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

14880 Tamiami Trail

Punta Gorda, FL 33951

FLINT

Total Quantity of Residuals Applied during the Period: **1.38** 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	5.70	Copper	mg/Kg	4300	160.00
Total Phosphorus	%	N/A	2.40	Lead	mg/Kg	840	13.50
Total Potassium	%	N/A	0.40	Mercury	mg/Kg	57	0.50
Total Solids	%	N/A	3.00	Molybdenum	mg/Kg	75	7.65
pH	s.u.	N/A	7.51	Nickel	mg/Kg	420	16.30
Arsenic	mg/Kg	75	6.10	Selenium	mg/Kg	100	15.00
Cadmium	mg/Kg	85	1.37	Zinc	mg/Kg	7500	822.00

*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.
BERT UNDERWOOD, PROJECT MANAGER	239-633-3360
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE (YY/MM/DD)

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: Sun N Shade Campground 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	0.0248	annual	400	2.83	1.19	0.20	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
Flint Ranch/ Manatee	6	Bahia	0.0282	annual	400	3.22	1.35	0.23	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05
				cumulative	N/A	N/A	400.94	7,705.63	0.11	0.05	12.80	0.44	0.01	0.24	0.14	14.53

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(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 CCR/V 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 WILLES 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	0.2934
		FLA011964													
4	Bahia	LIVE OAK R.V. RESORT	0.0600	400	12.61	2.6894	0.6724	0.0001	0.0001	0.0134	0.0006	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
		FLA014086													
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

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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):

6	Bahia	DAMON UTILITIES INC. AKA: CASA DEL LAGO FLA014334	0.0109	400	1.44	0.5823	0.1434	0.0014	0.0000	0.0116	0.0003	0.0001	0.0022	0.0003	0.0176
6	Bahia	BUTTONWOOD BAY UTILITIES, INC. FLA014348	0.0083	400	1.38	0.3334	0.1601	0.0001	0.0000	0.0024	0.0002	0.0000	0.0001	0.0002	0.0124
6	Bahia	TROPICAL HARBOR MHP WWTF FLA014371	0.0063	400	0.99	0.3034	0.1201	0.0001	0.0000	0.0016	0.0002	0.0000	0.0001	0.0002	0.0094
6	Bahia	Blue Septic Tank Service RMF FLA016189	1.9975	400	188.54	61.5067	14.1197	0.0001	0.0041	0.9871	0.0480	0.0033	0.0242	0.0240	2.3784
6	Bahia	LAKE PLACID NORTH FLA281484	0.1321	400	29.58	5.7842	0.9772	0.0007	0.0004	0.0980	0.0061	0.0009	0.0045	0.0034	0.4432
Annual Total		N/A	2.30	400	243.93	75.07	17.36	0.01	0.00	1.16	0.06	0.00	0.04	0.03	3.10
Cumulative Total			216.44		N/A	N/A	N/A	0.11	0.05	12.80	0.44	0.01	0.24	0.14	14.53

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

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