



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: **FLA014313**

CITY OF AVON PARK WWTP

MAILING ADDRESS:

4524 US 27 SOUTH

AVON PARK, FL 33825

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

7C Carter Ranch

Total Quantity of Residuals Applied during the Period: **115.16** 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	9.23	Copper	mg/Kg	4300	389.50
Total Phosphorus	%	N/A	2.53	Lead	mg/Kg	840	49.00
Total Potassium	%	N/A	0.90	Mercury	mg/Kg	57	0.50
Total Solids	%	N/A	1.07	Molybdenum	mg/Kg	75	7.63
pH	s.u.	N/A	6.43	Nickel	mg/Kg	420	9.13
Arsenic	mg/Kg	75	5.30	Selenium	mg/Kg	100	7.05
Cadmium	mg/Kg	85	4.47	Zinc	mg/Kg	7500	997.00

*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

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Certification

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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)

James G. Bedingfield, CHIEF PLANT OPERATOR

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

James G. Bedingfield

TELEPHONE NO.

(863) 452-4426

DATE (YY/MM/DD)

11/02/08

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: CITY OF AVON PARK 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
7C-Carter Ranch	10	Bahia Grass	0.0360	annual	400	7.27	2.15	0.48	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.08
				cumulative	N/A	N/A	337.04	3,287.38	0.31	0.12	21.20	1.05	0.03	1.02	0.33	42.63
7C-Carter Ranch	11	Bermuda	0.5380	annual	400	108.67	32.06	7.21	0.00	0.00	0.55	0.17	0.00	0.02	0.00	1.19
				cumulative	N/A	N/A	512.02	965.56	0.23	0.07	14.32	1.07	0.03	0.71	0.20	28.81
7C-Carter Ranch	13A	Bahia Grass	1.2226	annual	400	231.65	63.16	20.77	0.01	0.00	1.12	0.18	0.00	0.02	0.00	2.81
				cumulative	N/A	N/A	109.80	27.96	0.02	0.02	2.52	0.22	0.01	0.05	0.04	5.34
7C-Carter Ranch	13B	Bahia Grass	0.2588	annual	400	52.27	15.42	3.47	0.00	0.00	0.26	0.08	0.00	0.01	0.00	0.57
				cumulative	N/A	N/A	18.50	4.07	0.00	0.00	0.47	0.09	0.00	0.01	0.01	0.71

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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: ZC-Carter Ranch

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
10	Bahia Grass	MACDILL AIR FORCE BASE	0.0667	400	6.30	2.5354	0.4804	0.0004	0.0005	0.1868	0.0033	0.0003	0.0037	0.0003	0.1228
		FLA012124													
10	Bahia Grass	CITY OF AVON PARK WWTP	0.0360	400	7.27	2.1457	0.4824	0.0003	0.0001	0.0369	0.0116	0.0001	0.0011	0.0007	0.0799
		FLA014313													
Annual Total		N/A	0.10	400	13.57	4.68	0.96	0.00	0.00	0.22	0.01	0.00	0.00	0.00	0.20
Cumulative Total			174.88		N/A	N/A	N/A	0.31	0.12	21.20	1.05	0.03	1.02	0.33	42.63
11	Bahia Grass	AVON PARK CORRECTIONAL	0.2168	400	24.46	11.3186	1.3877	0.0000	0.0007	0.1505	0.0104	0.0005	0.0061	0.0091	0.9892
		FL0040029													
11	Bahia Grass	MACDILL AIR FORCE BASE	0.2795	400	26.38	10.6198	2.0122	0.0001	0.0022	0.7825	0.0140	0.0013	0.0157	0.0013	0.5142
		FLA012124													
11	Bahia Grass	CENTRAL REGIONAL WWTP	1.4474	400	202.63	55.0006	11.8685	0.0003	0.0010	0.4632	0.0116	0.0004	0.0145	0.0078	1.1869
		FLA012969													
11	Bahia Grass	POLK CORRECTIONAL INSTITUTE	0.0729	400	7.56	3.0603	0.6747	0.0000	0.0057	0.0947	0.0017	0.0003	0.0023	0.0023	0.0605
		FLA013380													
11	Bahia Grass	CITY OF AVON PARK WWTP	0.5380	400	108.67	32.0634	7.2089	0.0001	0.0020	0.5509	0.1732	0.0008	0.0161	0.0108	1.1943
		FLA014313													
Annual Total		N/A	2.55	400	369.71	112.06	23.15	0.02	0.01	2.04	0.21	0.00	0.05	0.03	3.95
Cumulative Total			428.06		N/A	N/A	N/A	0.23	0.07	14.32	1.07	0.03	0.71	0.20	25.81
13A	Bermuda	AVON PARK CORRECTIONAL	0.3924	400	53.15	22.3826	2.6359	0.0001	0.0012	0.2642	0.0173	0.0010	0.0110	0.0146	1.6327
		FL0040029													
13A	Bermuda	MACDILL AIR FORCE BASE	0.3410	400	35.36	16.2314	2.8514	0.0001	0.0037	1.0918	0.0231	0.0014	0.0208	0.0045	0.8746
		FLA012124													
13A	Bermuda	POLK CORRECTIONAL INSTITUTE	0.2291	400	31.24	8.0274	1.7028	0.0000	0.0023	0.0440	0.0008	0.0009	0.0011	0.0011	0.0279
		FLA013380													
13A	Bermuda	CITY OF AVON PARK WWTP	1.2226	400	231.65	63.1610	20.7698	0.0000	0.0168	1.1223	0.1755	0.0017	0.0217	0.0188	2.8095
		FLA014313													
Annual Total		N/A	2.19	400	351.40	109.80	27.96	0.02	0.02	2.52	0.22	0.01	0.05	0.04	5.34
Cumulative Total			113.56		N/A	N/A	N/A	0.02	0.02	2.52	0.22	0.01	0.05	0.04	5.34
13B	Bahia Grass	MACDILL AIR FORCE BASE	0.0646	400	6.09	2.4533	0.4648	0.0001	0.0005	0.1808	0.0032	0.0003	0.0036	0.0003	0.1188
		FLA012124													
13B	Bahia Grass	POLK CORRECTIONAL INSTITUTE	0.0148	400	1.54	0.6228	0.1373	0.0000	0.0012	0.0193	0.0003	0.0001	0.0005	0.0005	0.0123
		FLA013380													

(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):

13B	Bahia Grass	CITY OF AVON PARK WWTP FLA014313	0.2588	400	52.27	15.4232	3.4676	0.0000	0.0010	0.2650	0.0833	0.0004	0.0078	0.0052	0.5745
Annual Total		N/A	0.34	400	59.91	18.50	4.07	0.00	0.00	0.47	0.09	0.00	0.01	0.01	0.71
Cumulative Total			29.36		N/A	N/A	N/A	0.00	0.00	0.47	0.09	0.00	0.01	0.01	0.71

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

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