



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:

AVON PARK CORRECTIONAL INSTITUTE

MAILING ADDRESS:

STATE ROAD 64

AVON PARK, FL

FACILITY ID: **FL0040029**

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

Total Quantity of Residuals Applied during the Period: **31.31** 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*	Celling Limits For Class A and B	Concentration	Parameter (continued)	Units	Celling Limits For Class A and B	Concentration
Total Nitrogen	%	N/A	11.35	Copper	mg/Kg	4300	295.00
Total Phosphorus	%	N/A	3.83	Lead	mg/Kg	840	14.00
Total Potassium	%	N/A	0.40	Mercury	mg/Kg	57	1.80
Total Solids	%	N/A	2.00	Molybdenum	mg/Kg	75	7.20
pH	s.u.	N/A	7.81	Nickel	mg/Kg	420	14.00
Arsenic	mg/Kg	75	2.50	Selenium	mg/Kg	100	8.90
Cadmium	mg/Kg	85	1.90	Zinc	mg/Kg	7500	1,270.00

*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>Sammy Bethie</i>	<i>863 453 1529</i>
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE (YY/MM/DD)
<i>Sammy Bethie</i> <i>A 3263</i>	<i>11/2/17</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: AVON PARK CORRECTIONAL INSTITUTE

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	11	Bermuda	0.2168	annual	400	24.46	11.32	1.39	0.00	0.00	0.15	0.01	0.00	0.01	0.00	0.99
				cumulative	N/A	N/A	512.02	965.56	0.23	0.07	14.32	1.07	0.03	0.71	0.20	25.81
7C-Carter Ranch	13A	Bahia Grass	0.3924	annual	400	53.15	22.38	2.64	0.00	0.00	0.26	0.02	0.00	0.01	0.00	1.63
				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

(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: TC-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
		Facility ID													
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
		FL0040028													
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 WWTTP	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
		FLA012869													
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
		FLA013360													
11	Bahia Grass	CITY OF AVON PARK WWTTP	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	25.61
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
		FL0040028													
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
		FLA013360													
13A	Bermuda	CITY OF AVON PARK WWTTP	1.2226	400	231.55	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	106.80	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

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

* Based on two (2) growing seasons per year

