



Florida Department of Environmental Protection

Twin Towers Office Bldg, 2800 Blair Stone Road, Tallahassee, Florida 32399-2400

Residuals Annual Summary

Part I - Facility Information

FACILITY NAME: Elementary School J Palmetto

FACILITY ID:

FLA597681

WWTP

MAILING ADDRESS: Everglades Blvd. and 12th Ave SE

MONITORING PERIOD -- From: JAN 1,

2010

To: DEC 31,

2010

Naples, FL 34117

Total Quantity of Residuals Applied During Reporting Period: 0.27 dry tons

Total Number of Residuals Land Application Sites Used During Reporting Period: 1 (Zonas Used) (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	3.54	Copper	mg/kg	4300	3670
Total Phosphorus	%	N/A	0.80	Lead	mg/kg	840	14.5
Total Potassium	%	N/A	0.50	Mercury	mg/kg	57	0.65
Total Solids	%	N/A	1.30	Molybdenum	mg/kg	75	2.88
pH	std. units	N/A	6.34	Nickel	mg/kg	420	26.7
Arsenic	mg/kg	75	2.25	Selenium	mg/kg	100	2.25
Cadmium	mg/kg	85	0.75	Zinc	mg/kg	7500	1880

*All units are in a 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 503.6, 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

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

☐ 1

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Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted 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)	Ed Gilman	TELEPHONE NO.	239-377-0238
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<i>Ed Gilman</i>	DATE (YY/MM/DD)	02/14/11

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

Site Name (as identified in Agricultural Use Plan): Corkscrew Ranch

Site Address (as shown in Agricultural Use Plan): 22951 Corkscrew Road, Estero, FL 33928

Application Zone ID(s)	Crop(s)	Dry Tons Applied per Acre	Basis	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
3	Bahia	0.0033	annual	0.2349	0.0597	0.0332	0.0000	0.0000	0.0244	0.0000	0.0000	0.0002	0.0000	0.0125
			cumulative				0.0000	0.0000	0.0244	0.0000	0.0000	0.0002	0.0000	0.0125
			annual											
			cumulative											
			annual											
			cumulative											
			annual											
			cumulative											
			annual											
			cumulative											
			annual											
			cumulative											
			annual											
			cumulative											
			annual											
			cumulative											

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

Part III. Total Residuals or Septage, Nutrients, and Trace Elements Applied to Application Zones Used by Multiple Facilities (attach separate page for "other solids," if applicable):

Site Name (as identified in Agricultural Use Plan): Corkscrew Ranch

Site Address (as shown in Agricultural Use Plan): 22951 Corkscrew Road, Estero, FL 33928

Application Zone ID(s)	Crop(s)	Facility	Dry Tons Applied per Acre	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
1	Bahia	Fountain Lakes - FLA014669	0.0163	2.1920	0.4430	0.2150	0.0002	0.0000	0.0076	0.0003	0.0000	0.0003	0.0002	0.0208
		Hendry Correctional - FLA014306	0.0124	1.7760	0.6762	0.0941	0.0001	0.0000	0.0061	0.0003	0.0000	0.0006	0.0004	0.0158
		Oak Park - FLA014446	0.0051	0.8052	0.2684	0.0574	0.0000	0.0000	0.0040	0.0004	0.0000	0.0001	0.0004	0.0172
		Pahokee - FLA136778	0.1687	5.6693	1.5499	0.2666	0.0009	0.0002	0.0408	0.0039	0.0002	0.0026	0.0016	0.1104
Annual Total				10.442	2.9375	0.6331	0.0012	0.0002	0.0585	0.0048	0.0002	0.0036	0.0026	0.1642
Cumulative Total							0.0020	0.0003	0.0978	0.0066	0.0002	0.0063	0.0040	0.2791
2	Bahia	Fountain Lakes - FLA014669	0.0767	10.329	2.0874	1.0130	0.0010	0.0003	0.0359	0.0013	0.0002	0.0014	0.0010	0.0979
		Hendry Correctional - FLA014306	0.0454	6.5079	2.4779	0.3449	0.0004	0.0002	0.0223	0.0011	0.0000	0.0024	0.0014	0.0577
		Oak Park - FLA014446	0.0188	2.9604	0.9868	0.2109	0.0002	0.0000	0.0148	0.0013	0.0000	0.0006	0.0016	0.0633
		Pahokee - FLA136778	0.1902	6.3922	1.7476	0.3006	0.0011	0.0002	0.0460	0.0045	0.0002	0.0030	0.0018	0.1244
Annual Total				26.189	7.2997	1.8694	0.0027	0.0007	0.1190	0.0082	0.0004	0.0074	0.0058	0.3433
Cumulative Total							0.0029	0.0007	0.1252	0.0084	0.0004	0.0076	0.0059	0.3601
3	Bahia	Fountain Lakes - FLA014669	0.0520	7.0019	1.4150	0.6867	0.0007	0.0002	0.0243	0.0009	0.0001	0.0009	0.0007	0.0664
		Estates Elementary - FLA332721	0.0006	0.0572	0.0171	0.0133	0.0000	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000	0.0019
		Oak Park - FLA014446	0.0048	0.7549	0.2516	0.0538	0.0000	0.0000	0.0038	0.0003	0.0000	0.0001	0.0004	0.0161
		Sabal Palm Elementary - FLA297828	0.0011	0.2129	0.0266	0.0296	0.0000	0.0000	0.0056	0.0000	0.0000	0.0000	0.0000	0.0041
		School J Palmetto - FLA587681	0.0033	0.2349	0.0597	0.0332	0.0000	0.0000	0.0244	0.0000	0.0000	0.0002	0.0000	0.0125
Annual Total														
Cumulative Total														

(Enter nutrients and trace elements in lbs/acre.)

Part III. Total Residuals or Septage, Nutrients, and Trace Elements Applied to Application Zones Used by Multiple Facilities (attach separate page for "other solids," if applicable):

Site Name (as identified in Agricultural Use Plan): Corkscrew Ranch

Site Address (as shown in Agricultural Use Plan): 22951 Corkscrew Road, Estero, FL 33928

Application Zone ID(s)	Crop(s)	Facility	Dry Tons Applied per Acre	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
		Annual Total												
		Cumulative Total												
		Annual Total												
		Cumulative Total												
3	Bahia	Pahokee - FLA136778	0.6822	22.920	6.2662	1.0778	0.0040	0.0007	0.1650	0.0160	0.0008	0.0107	0.0065	0.4461
		Annual Total												
		Cumulative Total												
		Annual Total		31.181	8.0362	1.8944	0.0047	0.0009	0.2244	0.0172	0.0009	0.0119	0.0076	0.5471
		Cumulative Total					0.0061	0.0014	0.3741	0.0216	0.0011	0.0154	0.0092	0.9443

(Enter nutrients and trace elements in lbs/acre.)