



Florida Department of Environmental Protection

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

Residuals Annual Summary

SELF

Part I - Facility Information

FACILITY NAME: City of Punta Gorda Wastewater FACILITY ID: FLA118371
Treatment Facility
MAILING ADDRESS: 326 W. Marion Avenue MONITORING PERIOD -- From: JAN 1, 2010 To: DEC 31, 2010
Punta Gorda, Florida 33950

Total Quantity of Residuals Applied During Reporting Period: 339.95 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	6.46	Copper	mg/kg	4300	417
Total Phosphorus	%	N/A	2.15	Lead	mg/kg	840	19.4
Total Potassium	%	N/A	.74	Mercury	mg/kg	57	1.77
Total Solids	%	N/A	1.75	Molybdenum	mg/kg	75	26.9
pH	std. units	N/A	6.76	Nickel	mg/kg	420	17.70
Arsenic	mg/kg	75	9.14	Selenium	mg/kg	100	8.00
Cadmium	mg/kg	85	1.89	Zinc	mg/kg	7500	1260

*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 503.8, 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

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 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 McCampbell, Utility Operations Manager	TELEPHONE NO. (941) 575-3339
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	DATE (YY/MM/DD) 11/01/31

RECEIVED

FEB 08 2011

D.E.P. South District

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): PUNTA GORDA WASTEWATER MANAGEMENT SYSTEM

Site Address (as shown in Agricultural Use Plan): 30999 Bermont Road, Punta Gorda, FL 33982

Application Zone ID(s)	Crop(s)	Dry Tons Applied per Acre	Basis	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
FLD # 2	Bermuda Cross	1.08	annual	139.23	46.34	15.95	.0197	.0041	.8999	.0419	.0038	.0382	.0173	2.7192
			cumulative				.2439	.0864	7.835	.6996	.0453	.545	.1210	27.990
FLD # 4	Bermuda Cross	2.38	annual	306.94	102.15	23.44	.0435	.0090	1.9839	.0923	.0084	.0842	.0381	5.9945
			cumulative				.4839	.1825	17.622	1.489	.1015	1.096	.1597	59.120
FLD # 7	Bermuda Cross	1.30	annual	167.49	55.74	19.19	.0237	.0049	1.0826	.0504	.0046	.0460	.0208	3.2711
			cumulative				.6996	.2990	20.078	1.646	.1627	2.351	.3078	71.468
FLD # 9	Bermuda Cross	0.95	annual	122.21	40.67	14.00	.0173	.0036	.7899	.0368	.0033	.0335	.0152	2.3867
			cumulative				.3683	.2134	12.048	1.546	.9431	1.2378	.3141	40.853
FLD # 11	Bermuda Cross	0.83	annual	107.86	35.90	12.36	.0153	.0031	.6972	.0324	.0153	.0296	.0134	2.1066
			cumulative				.2441	.2002	9.711	.9780	.0363	.6929	.1482	31.153
FLD # 12	Bermuda Cross	0.92	annual	119.06	39.62	13.64	.0169	.0035	.7696	.0358	.0169	.0327	.0148	2.3253
			cumulative				.1805	.1359	6.441	.7822	.0403	.3629	.1153	25.618
			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): _____

Site Address (as shown in Agricultural Use Plan): _____

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											
		No Other Facilities Applied This Site												
			Annual Total											
			Cumulative Total											
			Annual Total											
			Cumulative Total											

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