



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: City of Crystal River

FACILITY ID:

FLA011848001

MAILING ADDRESS: 123 NW HWY 19

MONITORING PERIOD -- From: JAN 1,

2010

To: DEC 31,

2010

Crystal River FI 34428

Total Quantity of Residuals Applied During Reporting Period: 91 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	3.55	Copper	mg/kg	4300	269
Total Phosphorus	%	N/A	1.8	Lead	mg/kg	840	9.35
Total Potassium	%	N/A	0.26	Mercury	mg/kg	57	0.426
Total Solids	%	N/A	2.15	Molybdenum	mg/kg	75	2.25
pH	std. units	N/A	6.98	Nickel	mg/kg	420	9.715
Arsenic	mg/kg	75	1.66	Selenium	mg/kg	100	2.16
Cadmium	mg/kg	85	0.519	Zinc	mg/kg	7500	344

*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) Keith Mullins Project Manager	TELEPHONE NO. 352-795-3199
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Keith Mullins</i>	DATE (YY/MM/DD) 11/02/14

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): Holnam Ranch

Site Address (as shown in Agricultural Use Plan): HCR Limestone RD Crystal River FL

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 Grass	City of Crystal River	0.746	53	27	34	0.0024	0.0007	0.4024	0.0139	0.0063	0.0144	0.0032	0.5139
		Whites	0.261	20	5	1	0.0019	0.0004	0.1096	0.0038	0.0001	0.0026	0.0016	0.2820
		Annual Total		73	32	35	0.0043	0.0011	0.5120	0.0177	0.0064	0.0170	0.0048	0.7959
		Cumulative Total					0.1097	0.0296	9.6272	0.5545	0.0264	0.2653	0.1736	12.944
		Annual Total												
		Cumulative Total												
		Annual Total												
		Cumulative Total												

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

