



Florida Department of Environmental Protection

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

Residuals Annual Summary

CIRCLE CROSS Ranch

Part I - Facility Information

FACILITY NAME: FAIRMOUNT WWTF

FACILITY ID: FL014387

MAILING ADDRESS: 3625 VALERIE BLVD
SEBRING FL 33870

MONITORING PERIOD -- From: JAN 1, 2010 To: DEC 31, 2010

Total Quantity of Residuals Applied During Reporting Period: 2.3 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	7.2	Copper	mg/kg	4300	183
Total Phosphorus	%	N/A	1.74	Lead	mg/kg	840	12.0
Total Potassium	%	N/A	0.53	Mercury	mg/kg	57	0.50
Total Solids	%	N/A	1.3	Molybdenum	mg/kg	75	4.4
pH	std. units	N/A	6.5	Nickel	mg/kg	420	9.5
Arsenic	mg/kg	75	3.7	Selenium	mg/kg	100	9.5
Cadmium	mg/kg	85	1.2	Zinc	mg/kg	7500	946

*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

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☒ 6

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☐ 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)

TELEPHONE NO.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE (YY/MM/DD)

RECEIVED
FEB 07 2011
D.E.P. South District

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):

Facility (as shown in Agricultural Use Plan): FLA014387 - Fairmount WWTF

H H.L.S.D., INC.

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

2010 ANNUAL SUMMARY

Site Address (as shown in Agricultural Use Plan): Angus Road, Alturas FL 33853

11/21/2011

Application Zone ID(s)	Crop(s)	Facility	Dry Tons Applied/Ac	N	P	K	As	Cd	Cu	Pb	Hg	Mo	Ni	Se	Zn
13B	Jiggs	Howard F. Curren AWTP	0.49	74.174	25.389	0.973	0.003	0.002	0.637	0.039	0.001	0.021	0.026	0.038	1.071
		City of Bradenton WRF	0.21	20.972	19.927	4.088	0.001	0.002	0.144	0.008	0.001	0.002	0.008	0.001	0.563
		Marshall Street WWTF	0.05	5.570	3.457	0.182	0.001	0.000	0.048	0.002	0.000	0.001	0.002	0.001	0.065
		Plant City WWTF	0.26	21.588	44.259	3.710	0.002	0.001	0.175	0.006	0.000	0.007	0.008	0.005	0.176
		Sebring Ridge WWTF	0.03	4.821	1.128	0.327	0.000	0.000	0.013	0.001	0.000	0.000	0.001	0.000	0.066
		Fairmount WWTF	0.02	3.213	0.780	0.237	0.000	0.000	0.008	0.001	0.000	0.000	0.000	0.000	0.042
		Northeast WWTF	0.20	22.574	15.318	0.645	0.008	0.001	0.281	0.007	0.001	0.008	0.006	0.003	0.297
		Northwest WRF (Site 703)	0.25	43.155	14.267	1.777	0.002	0.001	0.340	0.016	0.001	0.009	0.008	0.002	0.494
		Albert Whitted WRF (Site 701)	0.15	24.668	9.028	0.768	0.001	0.001	0.233	0.024	0.000	0.005	0.009	0.001	0.341
		Southwest WRF (Site 704)	0.23	35.726	11.969	1.310	0.002	0.001	0.273	0.016	0.000	0.006	0.034	0.002	0.492
		Northeast WRF (Site 702)	0.21	34.270	14.669	1.072	0.002	0.001	0.234	0.013	0.000	0.005	0.006	0.002	0.413
		Annual Total		290.750	160.189	15.089	0.022	0.009	2.385	0.132	0.004	0.063	0.109	0.054	4.021
		Cumulative Total					0.252	0.099	21.085	1.302	0.044	0.063	0.779	0.364	30.421
13A	Jiggs	Howard F. Curren AWTP	0.37	56.137	16.709	0.733	0.004	0.002	0.476	0.029	0.001	0.017	0.021	0.031	0.806
		City of Bradenton WRF	0.21	23.565	17.763	3.460	0.001	0.003	0.154	0.009	0.001	0.002	0.008	0.001	0.556
		Marshall Street WWTF	0.13	15.385	9.550	0.504	0.002	0.000	0.131	0.005	0.000	0.004	0.005	0.002	0.181
		Plant City WWTF	0.14	19.555	6.686	1.483	0.005	0.007	0.256	0.006	0.000	0.004	0.023	0.001	0.227
		Sebring Ridge WWTF	0.01	1.543	0.367	0.109	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.021
		Fairmount WWTF	0.01	1.142	0.286	0.090	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.015
		Northeast WWTF	0.21	23.209	15.749	0.663	0.009	0.001	0.289	0.007	0.001	0.008	0.006	0.003	0.305
		Northwest WRF (Site 703)	0.28	47.202	15.604	1.944	0.002	0.001	0.372	0.017	0.001	0.009	0.009	0.002	0.540
		Albert Whitted WRF (Site 701)	0.28	45.005	16.457	1.399	0.002	0.001	0.425	0.045	0.001	0.009	0.017	0.002	0.621
		Southwest WRF (Site 704)	0.15	24.423	8.182	0.895	0.001	0.000	0.186	0.011	0.000	0.004	0.024	0.001	0.337
		Northeast WRF (Site 702)	0.15	23.427	10.028	0.733	0.001	0.001	0.160	0.009	0.000	0.004	0.004	0.001	0.282
		Annual Total		280.614	117.381	12.013	0.027	0.015	2.458	0.139	0.005	0.060	0.116	0.044	3.892
		Cumulative Total					0.207	0.095	21.858	1.259	0.045	0.060	0.746	0.284	31.692
10A	Bahia	City of Bradenton WRF	0.19	20.978	15.799	3.077	0.000	0.002	0.137	0.008	0.001	0.001	0.007	0.000	0.495
		Marshall Street WWTF	0.17	19.970	12.395	0.654	0.003	0.000	0.170	0.006	0.000	0.005	0.006	0.002	0.235
		Plant City WWTF	0.56	78.268	26.761	5.935	0.019	0.026	1.023	0.025	0.000	0.016	0.091	0.005	0.908
		Sebring Ridge WWTF	0.01	1.954	0.457	0.133	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.027
		Fairmount WWTF	0.01	1.953	0.474	0.144	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.026
		Northeast WWTF	0.38	42.484	28.829	1.214	0.016	0.001	0.529	0.013	0.001	0.014	0.011	0.006	0.559

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

Note: Annual cumulative loadings are products of weighted averages based on each facility's acreage allotment within zone, and are not additive.

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):

Facility (as shown in Agricultural Use Plan):

FLA014387 - Fairmount WWTF

H H.L.S.D., INC.

Site Name (as identified in Agricultural Use Plan):

Circle Cross Ranch

2010 ANNUAL SUMMARY

Site Address (as shown in Agricultural Use Plan):

Angus Road, Alturas FL 33853

1/21/2011

Application Zone ID(s)	Crop(s)	Facility	Dry Tons Applied/ac	N	P	K	As	Cd	Cu	Pb	Hg	Mo	Ni	Se	Zn
10A	Bahia	Northwest WRF (Site 703)	0.19	31.488	10.410	1.297	0.002	0.001	0.248	0.012	0.000	0.006	0.006	0.001	0.360
		Southwest WRF (Site 704)	0.41	65.168	21.833	2.389	0.003	0.001	0.498	0.029	0.001	0.010	0.063	0.003	0.898
		Northeast WRF (Site 702)	0.20	31.256	13.379	0.978	0.002	0.001	0.214	0.012	0.000	0.005	0.006	0.001	0.376
		Annual Total		293.521	130.337	15.820	0.045	0.033	2.829	0.106	0.004	0.059	0.190	0.020	3.884
	Cumulative Total					0.265	0.113	20.429	1.326	0.044	0.059	0.800	0.210	16.184	

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

Note: Annual cumulative loadings are products of weighted averages based on each facility's acreage allotment within zone, and are not additive.

Fairmount Utilities
Facility: Fairmount WWTF
Facility ID: FL4014387

2010 BIOSOLIDS REPORT
2010 Land Application Summary

01/20/11

Land Applicator:	H & H Liquid Sludge Disposal, Inc. P.O. Box 390 Branford, FL 32008	Applied (Dry tons)	Applied (Metric tons)	Area Applied (Acres)	Area Applied (Hectares)	Loading (Dry Tons/ac)
1. Site / Owner:	Circle Cross Ranch - C. Lightsey	2.3	2.1	146	59.1	0.016
ID/Coordinates:	FLA311898 - N27.5000; W81.6672					
Site Location:	9015 Angus Rd. Alturas, FL 33853 - Polk Co.					

Totals	2.3	2.1	146	59.1		
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H & H L.S.D., Inc.

A Residual Management Company

HHLSD.com

100 E. Linton Boulevard Suite 208B

Delray Beach, Florida 33483-3336

Phone 561/ 274.4840 Fax 561/274.9092

FAIRMOUNT UTILITIES

FAIRMOUNT WWTF

FACILITY ID# FLA014387

LAND APPLICATION CONTRACTOR: H & H Liquid Sludge Disposal, Inc.

P.O. Box 390

Branford, FL 32008

2010 Certification Statement for Land Application Practices

"I certify under penalty of law, that the land application practices and agricultural site management requirements and restrictions pursuant to Rule 62-640 F.A.C. have been met during the course of 2010. This determination has been made under my direction and supervision in accordance with the system designed to insure that qualified personnel properly gather and evaluate the information used to determine that the requirements have been met. I am aware that there are significant penalties for false certification, including the possibility of fine and imprisonment."

Signed  Date 1/21/11

Martin E. Buerk
Vice President
H & H L.S.D., Inc.