



Florida Department of Environmental Protection

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

Dept. Of Environmental Protection

Residuals Annual Summary

FEB 09 2011

Part I-Facility Information

FACILITY NAME:

AMS, Inc. Nordgren RMF

MAILING ADDRESS:

16238 Powell Road

Brooksville, FL 34604

FACILITY ID: **FLA280340** 8th District

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

Total Quantity of Residuals Applied during the Period: **197.44** dry tons

Total Number of Residuals Land Application Sites Used during Reporting Period: **2** (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	4.96	Copper	mg/Kg	4300	371.50
Total Phosphorus	%	N/A	2.83	Lead	mg/Kg	840	14.28
Total Potassium	%	N/A	0.55	Mercury	mg/Kg	57	0.48
Total Solids	%	N/A	2.30	Molybdenum	mg/Kg	75	7.64
pH	s.u.	N/A	11.03	Nickel	mg/Kg	420	9.96
Arsenic	mg/Kg	75	2.23	Selenium	mg/Kg	100	3.44
Cadmium	mg/Kg	85	2.42	Zinc	mg/Kg	7500	403.25

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) Kathleen M. Smith	TELEPHONE NO. 941-776-8706
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT KMS	DATE (YY/MM/DD) 11/02/01

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: AMS, Inc. Nordgren RMF

Site Name	Application Zone ID(s)	Crop(s)	Dry Tons Applied per Acre	Basic	Max N allowed*	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
Nordgren Property	1	Bahia	3.0605	annual	400	354.78	193.20	52.69	0.01	0.00	2.16	0.07	0.00	0.06	0.00	2.39
				cummulative	N/A	N/A	208.18	328.02	0.89	0.18	32.83	0.99	0.08	0.95	0.25	36.37
Nordgren Property	2	Bahia	1.9939	annual	400	180.98	78.22	15.79	0.01	0.00	1.34	0.07	0.00	0.04	0.00	1.86
				cummulative	N/A	N/A	181.674	344.42	0.88	0.19	32.21	1.14	0.09	1.03	0.54	35.36
Nordgren Property	4	Bahia	3.2246	annual	400	399.85	228.30	65.14	0.01	0.00	2.32	0.07	0.00	0.06	0.00	2.36
				cummulative	N/A	N/A	2107.69	411.03	1.07	0.14	34.93	1.17	0.07	1.09	0.47	42.50
Nordgren Property	5	Bahia	1.4762	annual	400	165.76	89.40	22.07	0.01	0.00	1.05	0.04	0.00	0.03	0.00	1.10
				cummulative	N/A	N/A	1753.99	319.16	1.04	0.15	32.43	1.02	0.05	0.98	0.44	34.65
Durkee Site	8	Bahia	2.7885	annual	400	257.22	140.18	25.97	0.01	0.00	2.15	0.08	0.00	0.06	0.00	2.39
				cummulative	N/A	N/A	1418.65	255.72	0.74	0.10	31.33	0.93	0.04	0.87	0.26	32.04
Nordgren Property	8	Bahia	0.2774	annual	400	18.64	12.72	0.45	0.00	0.00	0.25	0.01	0.00	0.01	0.00	0.25
				cummulative	N/A	N/A	1636.32	255.95	0.55	0.18	28.80	0.79	0.05	0.84	0.30	28.83

(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: Durkee Site

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													
8	Bahia	City of Dureidin WWTP	0.1343	400	12.62	8.5935	1.9873	0.0099	0.0003	0.0832	0.0070	0.0002	0.0025	0.0013	0.1531
		FL0021326													
8	Bahia	COBB ROAD WWTP-CITY OF BROOKSVILLE	0.5427	400	35.82	10.5286	4.1246	0.0023	0.0011	0.7489	0.0206	0.0014	0.0119	0.0060	0.7598
		FLA012036													
8	Bahia	AMS, Inc. Nordgren RMF	2.7885	400	257.22	140.1773	25.9710	0.0001	0.0129	2.1532	0.0814	0.0029	0.0601	0.0172	2.3855
		FLA280348													
Annual Total		N/A	3.47	400	305.66	159.30	32.08	0.02	0.01	2.99	0.11	0.00	0.07	0.02	3.30
Cumulative Total			458.35		N/A	N/A	N/A	0.74	0.10	31.33	0.93	0.04	0.67	0.26	32.04

Site Name: Nordgren Property

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													
1	Bahia	City of Duneidin WWTP	0.4076	400	38.32	26.0875	6.0327	0.0075	0.0010	0.2527	0.0212	0.0005	0.0075	0.0041	0.4647
		FL0021326													
		AMS, Inc. Nordgren RMF	3.0605	400	354.78	193.1976	52.6872	0.0011	0.0073	2.1616	0.0722	0.0021	0.0609	0.0190	2.3899
2	Bahia	AMS, Inc. Nordgren RMF	1.9939	400	180.98	78.2198	15.7934	0.0009	0.0045	1.3355	0.0668	0.0011	0.0393	0.0180	1.8604
		FLA280348													
		AMS, Inc. Nordgren RMF	3.2246	400	399.85	228.2990	65.1362	0.0004	0.0079	2.3152	0.0658	0.0024	0.0644	0.0172	2.3604
4	Bahia	AMS, Inc. Nordgren RMF	3.2246	400	399.85	228.2990	65.1362	0.0004	0.0079	2.3152	0.0658	0.0024	0.0644	0.0172	2.3604
		FLA280348													
		AMS, Inc. Nordgren RMF	3.2246	400	399.85	228.2990	65.1362	0.0004	0.0079	2.3152	0.0658	0.0024	0.0644	0.0172	2.3604
5	Bahia	AMS, Inc. Nordgren RMF	1.4762	400	165.76	89.4034	22.0664	0.0000	0.0063	1.0488	0.0419	0.0009	0.0264	0.0125	1.0957
		FLA280348													
		AMS, Inc. Nordgren RMF	1.4762	400	165.76	89.4034	22.0664	0.0000	0.0063	1.0488	0.0419	0.0009	0.0264	0.0125	1.0957
8	Bahia	AMS, Inc. Nordgren RMF	0.2774	400	18.64	12.7225	0.4533	0.0001	0.0024	0.2527	0.0087	0.0005	0.0069	0.0010	0.2461
		FLA280348													
		AMS, Inc. Nordgren RMF	0.2774	400	18.64	12.7225	0.4533	0.0001	0.0024	0.2527	0.0087	0.0005	0.0069	0.0010	0.2461

(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):

Annual Total	N/A	0.28	400	18.64	12.72	0.45	0.00	0.00	0.25	0.04	0.00	0.01	0.00	0.25
Cumulative Total		604.22		N/A	N/A	N/A	0.55	0.18	28.80	0.79	0.05	0.84	0.30	28.83

(Enter all nutrient and trace element quantities in lbs/acre)
* Based on two (2) growing seasons per year

Part V. Hauling Records Summary For Calendar Year From 1/1/2010 to 12/31/2010 (For Residuals Management Facilities Only)

Facility ID	Facility Name	Quantity of Residuals (Received by Month or Total)	Residuals
FL0039896	Pebble Creek	12.00	Residuals
FLA012905	On Top of The World WWTF	518,750.00	Residuals
FL0034789	Mid County Services	463,508.00	Residuals
FLA012801	FOREST LAKE ESTATES	93,774.00	Residuals
FLA013123	CYPRESS LAKES WWTP	56,382.00	Residuals
FL0030406	CITY OF TARPON SPRINGS W	2,684.00	Residuals