



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:

FACILITY ID: **FLA190284**

Appalachian Material Service, Inc.

MAILING ADDRESS:

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

M & J Road, 3 miles south of SR 70

Myakka City, FL

Total Quantity of Residuals Applied during the Period: **125.11** 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	3.99	Copper	mg/Kg	4300	222.82
Total Phosphorus	%	N/A	1.91	Lead	mg/Kg	840	8.94
Total Potassium	%	N/A	0.73	Mercury	mg/Kg	57	0.58
Total Solids	%	N/A	1.43	Molybdenum	mg/Kg	75	6.45
pH	S.U.	N/A	11.37	Nickel	mg/Kg	420	7.38
Arsenic	mg/Kg	75	1.27	Selenium	mg/Kg	100	4.63
Cadmium	mg/Kg	85	1.64	Zinc	mg/Kg	7500	488.95

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

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: *Appalachian Material Service, Inc.*

Site Name	Application Zone ID(s)	Crop(s)	Dry Tons Applied per Acre	Basis	Max N allowed*	N	P	K	As	Cd	Cu	Pb	Hg	Ni	Se	Zn
M J Ranch	10	Bahia	0.2841	annual	15	35.01	13.64	2.88	0.00	0.00	0.12	0.01	0.00	0.00	0.00	0.25
				cummulative	N/A	N/A	338.16	87.24	0.14	0.03	4.38	0.28	0.01	0.28	0.05	8.95
M J Ranch	11	Bahia	0.3528	annual	165	35.48	13.76	4.78	0.00	0.00	0.12	0.01	0.00	0.00	0.00	0.25
				cummulative	N/A	N/A	846.24	118.46	0.18	0.18	13.68	0.91	0.04	0.78	0.11	19.95
M J Ranch	14	Bahia	0.5244	annual	25	52.51	25.04	5.81	0.00	0.00	0.29	0.01	0.00	0.01	0.00	0.63
				cummulative	N/A	N/A	470.59	115.03	0.33	0.18	8.82	0.62	0.02	0.54	0.07	12.67
M J Ranch	2	Bahia	0.1030	annual	25	6.28	4.42	0.96	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.06
				cummulative	N/A	N/A	46.75	75.34	0.27	0.04	7.82	0.42	0.03	0.36	0.07	11.60
M J Ranch	3	Bahia	0.2990	annual	75	19.01	13.57	2.43	0.00	0.00	0.24	0.01	0.00	0.01	0.00	0.19
				cummulative	N/A	N/A	213.41	44.44	0.12	0.02	5.16	0.18	0.01	0.18	0.03	6.51
M J Ranch	4B	Bahia	0.2909	annual	250	26.84	13.18	2.54	0.00	0.00	0.14	0.01	0.00	0.01	0.00	0.63
				cummulative	N/A	N/A	365.36	45.63	0.06	0.03	3.89	0.19	0.01	0.15	0.04	8.83
M J Ranch	6A	Bahia	0.1282	annual	70	13.64	6.38	1.96	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.28
				cummulative	N/A	N/A	373.76	64.85	0.08	0.02	4.64	0.24	0.02	0.17	0.07	10.32
M J Ranch	7	Bahia	0.1358	annual	0	11.72	5.39	2.40	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.23
				cummulative	N/A	N/A	54.27	95.02	0.16	0.13	7.92	0.57	0.02	0.44	0.08	13.61

(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: M J Ranch

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
10	Bahia	PALMETTO WWTP CITY OF	0.0600	400	4.81	3.3736	1.0565	0.0017	0.0002	0.0510	0.0027	0.0001	0.0024	0.0009	0.1705
		FL0020401													
10	Bahia	Appalachian Material Service, Inc.	0.2841	400	35.01	13.6387	2.8812	0.0001	0.0005	0.1227	0.0080	0.0003	0.0044	0.0026	0.2506
		FLA190284													
Annual Total		N/A	0.34	400	39.82	17.01	3.94	0.00	0.00	0.17	0.01	0.00	0.01	0.00	0.42
Cumulative Total			421.84		N/A	N/A	N/A	0.14	0.03	4.38	0.28	0.01	0.28	0.05	8.95
11	Bahia	PALMETTO WWTP CITY OF	0.1128	400	18.54	9.9240	1.3533	0.0011	0.0003	0.0988	0.0046	0.0003	0.0042	0.0020	0.3248
		FL0020401													
11	Bahia	City of Oldsmar	0.0492	400	3.35	1.2797	0.4922	0.0008	0.0020	0.0443	0.0008	0.0000	0.0051	0.0008	0.0522
		FL0027651													
11	Bahia	CHARLOTTE CORRECTIONAL	0.0399	400	5.64	1.7543	0.5693	0.0001	0.0001	0.0563	0.0005	0.0000	0.0011	0.0015	0.0329
		FLA014130													
11	Bahia	Appalachian Material Service, Inc.	0.3528	400	35.48	13.7578	4.7845	0.0001	0.0005	0.1228	0.0077	0.0004	0.0045	0.0039	0.2548
		FLA190284													
Annual Total		N/A	0.55	400	63.01	26.72	7.20	0.00	0.00	0.32	0.01	0.00	0.01	0.01	0.66
Cumulative Total			833.81		N/A	N/A	N/A	0.18	0.16	13.68	0.91	0.04	0.78	0.11	19.95
14	Bahia	PALMETTO WWTP CITY OF	0.6203	400	49.75	34.8612	10.9174	0.0010	0.0025	0.5273	0.0274	0.0012	0.0253	0.0096	1.7617
		FL0020401													
14	Bahia	CHARLOTTE CORRECTIONAL	0.1765	400	23.83	7.8356	2.4718	0.0000	0.0006	0.2477	0.0022	0.0002	0.0047	0.0073	0.1483
		FLA014130													
14	Bahia	Appalachian Material Service, Inc.	0.5244	400	52.51	25.0433	5.8077	0.0000	0.0021	0.2922	0.0125	0.0005	0.0096	0.0036	0.6299
		FLA190284													
Annual Total		N/A	1.32	400	126.09	67.74	19.20	0.02	0.01	1.07	0.04	0.00	0.04	0.02	2.54
Cumulative Total			625.67		N/A	N/A	N/A	0.33	0.18	8.82	0.62	0.02	0.54	0.07	12.67
2	Bahia	CHARLOTTE CORRECTIONAL	0.0931	400	13.16	4.0952	1.3291	0.0000	0.0002	0.1314	0.0011	0.0001	0.0025	0.0036	0.0767
		FLA014130													
2	Bahia	Appalachian Material Service, Inc.	0.1030	400	6.28	4.4153	0.9582	0.0000	0.0007	0.0769	0.0020	0.0001	0.0017	0.0004	0.0612
		FLA190284													
Annual Total		N/A	0.20	400	19.44	8.51	2.29	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.14
Cumulative Total			649.11		N/A	N/A	N/A	0.27	0.04	7.82	0.42	0.03	0.36	0.07	11.80
3	Bahia	PALMETTO WWTP CITY OF	0.2794	400	40.51	32.6296	3.9670	0.0052	0.0005	0.2693	0.0149	0.0005	0.0129	0.0060	1.6874
		FL0020401													

(Enter all nutrient and trace element quantities in lb/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):

3	Bahia	Appalachian Material Service, Inc. FLA190284	0.2990	400	19.01	13.5724	2.4335	0.0003	0.0021	0.2386	0.0063	0.0003	0.0054	0.0008	0.1865
Annual Total		N/A	0.58	400	59.52	45.20	5.40	0.01	0.00	0.51	0.02	0.00	0.02	0.01	1.87
Cumulative Total			60.77		N/A	N/A	N/A	0.12	0.02	5.16	0.18	0.01	0.18	0.03	5.51
4B	Bahia	PALMETTO WWTP CITY OF	0.2021	400	33.11	24.3357	1.3744	0.0007	0.0004	0.1928	0.0093	0.0006	0.0086	0.0031	0.6064
Annual Total		FL0020401		400											
Cumulative Total		HARDEE CORRECTIONAL INSTITUTION	0.0129	400	2.19	0.4265	0.0905	0.0001	0.0000	0.0244	0.0003	0.0000	0.0004	0.0005	0.0156
4B	Bahia	CHARLOTTE CORRECTIONAL	0.0174	400	1.74	0.8112	0.2172	0.0000	0.0002	0.0236	0.0002	0.0000	0.0004	0.0010	0.0162
Annual Total		FLA014130		400											
Cumulative Total		Appalachian Material Service, Inc.	0.2909	400	26.84	13.1766	2.5366	0.0000	0.0027	0.1410	0.0079	0.0003	0.0077	0.0011	0.6293
6A	Bahia	PALMETTO WWTP CITY OF	0.52	400	63.87	38.75	4.22	0.00	0.00	0.38	0.02	0.00	0.02	0.01	1.27
Annual Total		N/A	510.12	400	N/A	N/A	N/A	0.06	0.03	3.89	0.49	0.01	0.15	0.04	8.83
Cumulative Total			0.4473	400	48.41	34.7671	6.2528	0.0010	0.0015	0.3958	0.0201	0.0010	0.0185	0.0069	1.2943
6A	Bahia	HARDEE CORRECTIONAL INSTITUTION	0.0064	400	1.08	0.2110	0.0448	0.0001	0.0000	0.0121	0.0002	0.0000	0.0002	0.0002	0.0077
Annual Total		FL0020401		400											
Cumulative Total		CHARLOTTE CORRECTIONAL	0.0258	400	2.58	1.2038	0.3224	0.0000	0.0002	0.0351	0.0004	0.0000	0.0007	0.0016	0.0240
6A	Bahia	Appalachian Material Service, Inc.	0.1282	400	13.64	6.3822	1.9582	0.0000	0.0005	0.0615	0.0027	0.0001	0.0028	0.0011	0.2830
Annual Total		FLA190284	0.61	400	65.71	42.56	8.58	0.01	0.00	0.50	0.02	0.00	0.02	0.01	1.61
Cumulative Total			434.49	400	N/A	N/A	N/A	0.08	0.02	4.64	0.21	0.02	0.17	0.07	10.32
7	Bahia	PALMETTO WWTP CITY OF	0.3686	400	45.88	26.8783	5.4033	0.0007	0.0012	0.3184	0.0157	0.0008	0.0143	0.0061	1.0547
Annual Total		FL0020401		400											
Cumulative Total		CHARLOTTE CORRECTIONAL	0.0742	400	10.49	3.2646	1.0595	0.0000	0.0002	0.1048	0.0009	0.0001	0.0020	0.0028	0.0611
7	Bahia	Appalachian Material Service, Inc.	0.1358	400	11.72	5.3887	2.3987	0.0000	0.0004	0.0513	0.0022	0.0002	0.0024	0.0014	0.2315
Annual Total		FLA190284	0.58	400	68.09	35.53	8.66	0.01	0.00	0.47	0.02	0.00	0.02	0.01	1.95
Cumulative Total			410.16	400	N/A	N/A	N/A	0.16	0.13	7.92	0.57	0.02	0.44	0.08	13.61

(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 (Dry Tons) or (Gallons)	Material
FLA013459	WOODBIDGE ESTATES	31,500.00	Residuals
FL0041441	VENICE EASTSIDE WWTP	3,475.00	Residuals
FLA012219	SOUTHERN AIRE RVP	31,250.00	Residuals
FL0122076	RICE CREEK UTILITY COMPA	56,250.00	Residuals
FL0020401	PALMETTO WWTP CITY OF	82.00	Residuals
FLA012905	On Top of The World WWTF	75,000.00	Residuals
FL0034789	Mid County Services	6,478.00	Residuals
FLA013395	LAKE VILLAGE MHP PERC PO	687,500.00	Residuals
FLA013395	LAKE VILLAGE MHP	122,750.00	Residuals
FLA013453	LAKE FOREST CONDOMINIUM	4,000.00	Residuals
FLA014095	KNIGHT ISLAND UTILITIES W.	25,000.00	Residuals
FLA012255	HAWAIIAN ISLES MHP	268,750.00	Residuals
FLA014598	FORT MYERS CAMPGROUND	41,500.00	Residuals
FLA013390	CAMELOT LAKES WWTP	356,250.00	Residuals