

30859



Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

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Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

October 9, 2009

Dept. of Environmental Protection

OCT 13 2009

Southwest District

Ms. Susan Pelz
Department of Environmental Protection
Solid Waste Section
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926

Re: **Citrus County Central Landfill - Permit No. 21375-008-SO/01**
Leachate Generation and Daily Precipitation Report

Dear Ms. Pelz:

In compliance with Specific Condition C.8.f. of the above referenced permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months of July, August and September 2009, together with the Year-to-Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

T. Casey Stephens
Assistant Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Glenn W. McCracken, Director, Department of Public Works (w/Y-T-D Summary)
Ed Hilton, SCS Engineers – Tampa Office

**CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS**

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1,1A & 2	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1,1A & 2	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.05	42908	138521	154	0	181583	0	236346	0	236346	-54763
FEBRUARY	0.97	38311	119193	99	7779	165382	0	135972	0	135972	29410
MARCH	0.85	39104	117789	58	0	156951	0	183120	0	183120	-26169
APRIL	0.91	43807	133523	4	0	177334	0	158104	0	158104	19230
MAY	14.73	56652	194546	1258	41741	294197	53338	208446	0	261784	32413
JUNE	6.98	97677	209220	956	0	307853	0	364123	0	364123	-56270
JULY	7.96	92635	228089	2099	57800	380623	0	412246	0	412246	-31623
AUGUST	5.38	104624	221743	8	0	326375	0	344741	0	344741	-18366
SEPTEMBER	6.40	112201	239517	4	7645	359367	0	325218	0	325218	34149
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
YTD TOTAL	46.23	627919	1602141	4640	114965	2349665	53338	2368316	0	2421654	-71989

SOUTHWEST DISTRICT
TAMPA
OCT 13 2009
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL SECONDARY PHASE 1, 1A & 2	80-ACRE TOTAL PRIMARY PHASE 1, 1A & 2	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/09	Tue	1.04	0	9087	1510	0	10597	0	0		0	
9/2/09	Wed	0.15	0	10701	15227	7645	33573	0	0		0	
9/3/09	Thu	0.39	0	8973	5216	0	14189	0	0		0	
9/4/09	Fri	0.04	1	5260	7026	0	12287	0	0		0	
9/5/09	Sat	0.24	0	8798	1362	0	10160	0	8345		8345	
9/6/09	Sun	0.00	0	5310	1020	0	6330	0	3846		3846	
9/7/09	Mon	0.00	0	7162	1021	0	8183	0	3714		3714	
9/8/09	Tue	0.00	0	10722	4967	0	15689	0	6629		6629	
9/9/09	Wed	0.00	0	3468	3836	0	7304	0	15056		15056	
9/10/09	Thu	0.00	0	9162	3836	0	12998	0	11831		11831	
9/11/09	Fri	0.03	0	5045	3932	0	8977	0	12891		12891	
9/12/09	Sat	0.65	0	9099	1283	0	10382	0	12661		12661	
9/13/09	Sun	0.71	0	7016	2333	0	9349	0	16227		16227	
9/14/09	Mon	0.01	0	7137	3787	0	10924	0	15327		15327	
9/15/09	Tue	0.29	0	9048	3337	0	12385	0	11017		11017	
9/16/09	Wed	0.47	0	7022	4810	0	11832	0	12677		12677	
9/17/09	Thu	0.48	0	9140	3193	0	12333	0	15812		15812	
9/18/09	Fri	0.00	0	7243	5263	0	12506	0	16668		16668	
9/19/09	Sat	0.00	0	10806	1318	0	12124	0	12249		12249	
9/20/09	Sun	0.32	3	5260	1659	0	6922	0	13158		13158	
9/21/09	Mon	0.43	0	8176	3625	0	11801	0	15692		15692	
9/22/09	Tue	0.01	0	9780	4376	0	14156	0	14962		14962	
9/23/09	Wed	0.00	0	9088	1395	0	10483	0	11666		11666	
9/24/09	Thu	0.39	0	6915	1431	0	8346	0	13978		13978	
9/25/09	Fri	0.00	0	7089	0	0	7089	0	12970		12970	
9/26/09	Sat	0.00	0	10633	3604	0	14237	0	10017		10017	
9/27/09	Sun	0.75	0	5408	6331	0	11739	0	10750		10750	
9/28/09	Mon	0.00	0	10683	4596	0	15279	0	8966		8966	
9/29/09	Tue	0.00	0	7178	7254	0	14432	0	12196		12196	
9/30/09	Wed	0.00	0	9108	3653	0	12761	0	13390		13390	
Unmetered Effluent flow for the month											12523	
TOTALS		6.40	4	239517	112201	7645	359367	0	312695	0	325218	34149

0.0 represents No Reading

PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 24.2 INTERMEDIATE, 0.9 UNUSED, 0.0 CLOSED

7/09 Primary pump #2 (80 acre cell) out of service

Phase 1/1A Secondary pumps out of service due to level transducer malfunction. Will operate in manual as needed.

9/1-9/4 Plant out of compliance for nitrates and ammonias - recirculated batches to storage tanks.

9/5 Plant back in compliance - resumed discharge to perc ponds.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL SECONDARY PHASE 1, 1A & 2	80-ACRE TOTAL PRIMARY PHASE 1, 1A & 2	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/09	Sat	0.96	2	9192	2282	0	11476	0	5476		5476	
8/2/09	Sun	0.05	0	7082	1349	0	8431	0	9200		9200	
8/3/09	Mon	0.00	0	7133	5361	0	12494	0	4284		4284	
8/4/09	Tue	0.06	0	9244	2777	0	12021	0	6475		6475	
8/5/09	Wed	0.00	0	7090	2827	0	9917	0	8104		8104	
8/6/09	Thu	0.39	0	7148	3032	0	10180	0	14017		14017	
8/7/09	Fri	0.00	2	5505	3484	0	8991	0	14962		14962	
8/8/09	Sat	0.00	0	8108	2012	0	10120	0	10665		10665	
8/9/09	Sun	0.00	0	6327	2332	0	8659	0	6263		6263	
8/10/09	Mon	0.00	1	7243	4910	0	12154	0	9465		9465	
8/11/09	Tue	0.00	0	7118	2893	0	10011	0	8101		8101	
8/12/09	Wed	0.52	1	8007	1870	0	9878	0	16030		16030	
8/13/09	Thu	0.00	0	5484	3196	0	8680	0	16172		16172	
8/14/09	Fri	0.00	0	7121	3518	0	10639	0	14398		14398	
8/15/09	Sat	0.03	0	7248	3424	0	10672	0	11790		11790	
8/16/09	Sun	0.02	0	7201	2917	0	10118	0	4203		4203	
8/17/09	Mon	0.47	0	5464	4368	0	9832	0	6877		6877	
8/18/09	Tue	0.29	2	8800	987	0	9789	0	16140		16140	
8/19/09	Wed	0.00	0	5469	3573	0	9042	0	14239		14239	
8/20/09	Thu	0.00	0	7090	3140	0	10230	0	14908		14908	
8/21/09	Fri	0.55	0	7117	3069	0	10186	0	16388		16388	
8/22/09	Sat	0.60	0	7288	6022	0	13310	0	16687		16687	
8/23/09	Sun	0.00	0	5575	6314	0	11889	0	9037		9037	
8/24/09	Mon	0.00	0	8240	4678	0	12918	0	13968		13968	
8/25/09	Tue	0.07	0	6063	1421	0	7484	0	16310		16310	
8/26/09	Wed	0.54	0	7179	4264	0	11443	0	19396		19396	
8/27/09	Thu	0.83	0	10848	3678	0	14526	0	0		0	
8/28/09	Fri	0.00	0	8820	3321	0	12141	0	0		0	
8/29/09	Sat	0.00	0	3397	1028	0	4425	0	11153		11153	
8/30/09	Sun	0.00	0	10722	3698	0	14420	0	15945		15945	
8/31/09	Mon	0.00	0	3420	6879	0	10299	0	14088		14088	
TOTALS		5.38	8	221743	104624	0	326375	0	344741	0	344741	-18366

0.0 represents No Reading

PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 24.2 INTERMEDIATE, 0.9 UNUSED, 0.0 CLOSED

7/09 Primary pump #2 (80 acre cell) out of service

Phase 1/1A Secondary pumps out of service due to level transducer malfunction. Will operate in manual as needed.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL SECONDARY PHASE 1, 1A & 2	80-ACRE TOTAL PRIMARY PHASE 1, 1A & 2	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/06	Sat	0.54	0	3446	3586	0	7032	0	7652	0	7652	
7/2/06	Sun	0.00	0	11083	3181	0	14264	0	9657	0	9657	
7/3/06	Mon	0.05	0	5346	955	0	6301	0	10893	0	10893	
7/4/06	Tue	0.00	0	7421	1964	0	9385	0	9444	0	9444	
7/5/06	Wed	0.00	0	7215	3595	0	10810	0	6529	0	6529	
7/6/06	Thu	0.91	0	7379	5143	0	12522	0	11195	0	11195	
7/7/06	Fri	0.20	0	9366	3112	0	12478	0	10385	0	10385	
7/8/06	Sat	0.95	1	7078	1623	0	8702	0	8101	0	8101	
7/9/06	Sun	0.50	1	9238	5470	0	14709	0	13537	0	13537	
7/10/06	Mon	0.01	0	7341	4171	0	11512	0	10200	0	10200	
7/11/06	Tue	1.23	0	9328	4192	0	13520	0	7742	0	7742	
7/12/06	Wed	0.28	0	6878	3596	0	10474	0	12726	0	12726	
7/13/06	Thu	0.03	1	8800	6303	0	15104	0	8973	0	8973	
7/14/06	Fri	0.04	0	5346	1852	57800	64998	0	13832	0	13832	
7/15/06	Sat	0.15	1	8792	5385	0	14178	0	11856	0	11856	
7/16/06	Sun	0.00	0	9399	3488	0	12887	0	16546	0	16546	
7/17/06	Mon	0.00	0	6490	2997	0	9487	0	17782	0	17782	
7/18/06	Tue	0.20	0	7831	646	0	8477	0	18400	0	18400	
7/19/06	Wed	0.10	0	5325	1347	0	6672	0	21642	0	21642	
7/20/06	Thu	0.00	1	7280	4900	0	12181	0	21515	0	21515	
7/21/06	Fri	0.00	0	9220	3504	0	12724	0	21322	0	21322	
7/22/06	Sat	0.40	0	7334	323	0	7657	0	19111	0	19111	
7/23/06	Sun	0.00	0	5444	3540	0	8984	0	19252	0	19252	
7/24/06	Mon	0.00	0	8953	3010	0	11963	0	19113	0	19113	
7/25/06	Tue	0.00	0	5373	470	0	5843	0	19487	0	19487	
7/26/06	Wed	0.01	2054	9023	2809	0	13886	0	14554	0	14554	
7/27/06	Thu	0.00	0	3288	4132	0	7420	0	14892	0	14892	
7/28/06	Fri	0.30	10	5176	659	0	5845	0	12959	0	12959	
7/29/06	Sat	0.75	30	7123	902	0	8055	0	8485	0	8485	
7/30/06	Sun	1.25	0	5655	4834	0	10489	0	7223	0	7223	
7/31/06	Mon	0.06	0	11118	946	0	12064	0	7241	0	7241	
TOTALS		7.96	2099	228089	92635	57800	380623	0	412246	0	412246	-31623

0.0 represents No Reading

PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 24.2 INTERMEDIATE, 0.9 UNUSED, 0.0 CLOSED

7/09 Primary pump #2 (80 acre cell) out of service

7/14/09 Pumped 57,800 gallons of (unmetered) leachate of of cell and back to storage tanks

7/26/09 Phase II control panel malfunctioned causing primary and secondary pumps to run overnight and pump down cell