

21375 SAW



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

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October 12, 2006

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

Dept. of Environmental
Protection

OCT 16 2006

Southwest District

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 2006, together with the Year-to-Date Leachate Tracking Summary.

Please note the plant had been shut down for this reporting period from 7/1/06 through 7/13/06 for the telemetry equipment installation project. The leachate was hauled and disposed at the County's Brentwood Wastewater Treatment Plant.

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

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Glenn McCracken, Director, Department of Public Works (w/Y-T-D Summary)
John Locklear, Jones, Edmunds & Associates – Gainesville Office
John Banks, 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	0.47	52662	292073	1008	0	345743	0	522701	0	522701	-176958
FEBRUARY	3.83	60071	352536	2310	0	414917	0	473737	0	473737	-58820
MARCH	0.00	46491	249395	1063	0	296949	0	374819	0	374819	-77870
APRIL	0.20	52579	174793	674	0	228046	0	259479	0	259479	-31433
MAY	1.43	51368	180613	1303	0	233284	0	205014	0	205014	28270
JUNE	6.13	41154	195607	4216	0	240977	129314	0	0	129314	111663
JULY	8.11	49701	368447	2818	0	420966	197413	245696	0	443109	-22143
AUGUST	6.06	62689	303693	743	0	367125	0	412612	0	412612	-45487
SEPTEMBER	5.00	65247	317122	1665	0	384034	0	267577	0	267577	116457
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	31.23	481962	2434279	15800	0	2932041	326727	2761635	0	3088362	-156321

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 16 2006
SOUTHWEST DISTRICT
TAMPA

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	0.00	0	3997	1161	0	5158	0	0	0	0	
7/2/06	Sun	0.00	0	7849	1324	0	9173	0	0	0	0	
7/3/06	Mon	0.26	3	13282	1791	0	15076	28134	0	0	28134	
7/4/06	Tue	0.00	0	5214	1127	0	6341	0	0	0	0	
7/5/06	Wed	0.00	0	257	1326	0	1583	0	0	0	0	
7/6/06	Thu	1.17	0	5317	1314	0	6631	23799	0	0	23799	
7/7/06	Fri	3.24	0	17289	1655	0	18944	23872	0	0	23872	
7/8/06	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0	0	0	
7/9/06	Sun	0.00	0	50811	535	0	51346	0	0	0	0	
7/10/06	Mon	0.00	106	16259	1932	0	18297	0	0	0	0	
7/11/06	Tue	0.00	0	5512	1808	0	7320	7576	0	0	7576	
7/12/06	Wed	0.00	0	15517	1469	0	16986	11549	0	0	11549	
7/13/06	Thu	0.09	0	79	1659	0	1738	10350	0	0	10350	
7/14/06	Fri	0.10	0	17610	2465	0	20075	17583	0	0	17583	
7/15/06	Sat	0.00	0	5468	885	0	6353	0	6442	0	6442	
7/16/06	Sun	0.00	0	71	1530	0	1601	0	8722	0	8722	
7/17/06	Mon	1.10	0	17206	1735	0	18941	21986	16926	0	38912	
7/18/06	Tue	0.16	0	7784	2122	0	9906	0	9943	0	9943	
7/19/06	Wed	0.00	0	19460	2109	0	21569	0	4448	0	4448	
7/20/06	Thu	0.06	0	5643	1576	0	7219	0	17875	0	17875	
7/21/06	Fri	0.00	0	7775	3080	0	10855	0	11341	0	11341	
7/22/06	Sat	0.44	0	18179	1864	0	20043	0	17418	0	17418	
7/23/06	Sun	0.32	0	57	756	0	813	0	13196	0	13196	
7/24/06	Mon	0.94	0	45894	1882	0	47776	28492	20024	0	48516	
7/25/06	Tue	0.00	0	13622	2001	0	15623	0	17436	0	17436	
7/26/06	Wed	0.00	0	17497	1901	0	19398	24072	14427	0	38499	
7/27/06	Thu	0.23	23	7678	2048	0	9749	0	14691	0	14691	
7/28/06	Fri	0.00	2130	7721	1818	0	11669	0	21014	0	21014	
7/29/06	Sat	0.00	0	17451	1770	0	19221	0	22297	0	22297	
7/30/06	Sun	0.00	330	74	1659	0	2063	0	14747	0	14747	
7/31/06	Mon	0.00	226	17874	1399	0	19499	0	14749	0	14749	
Unmetered Effluent Flow for the month												
TOTALS		8.11	2818	368447	49701	0	420966	197413	245696	0	443109	-22143

0.0 represents No Reading (Leakage Action Rates 1530 gal/day)

PHASE 1 & 1A TOTAL ACRES 19.1 - 0 OPEN, 17 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

PHASE 2 TOTAL ACRES 5.8 - 4.1 OPEN, 1.7 UNUSED

Operational Note: 7/1 to 7/13 Plant off line for telemetry installation. Plant restarted and first discharge on 7/15/06

Operational Note: 7/28 Transducer in secondary cell malfunctioned causing pump to continue running until manually shut off by operator

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
8/1/06	Tue	0.00	0	2077	2216	0	4293	0	16974		16974	
8/2/06	Wed	0.00	58	15097	1932	0	17087	0	21835		21835	
8/3/06	Thu	0.00	0	2000	1719	0	3719	0	19027		19027	
8/4/06	Fri	0.04	9	5492	1792	0	7293	0	14933		14933	
8/5/06	Sat	1.62	82	2716	1884	0	4682	0	25211		25211	
8/6/06	Sun	0.00	58	18021	1994	0	20073	0	13475		13475	
8/7/06	Mon	0.50	0	7771	1568	0	9339	0	15389		15389	
8/8/06	Tue	0.39	0	17258	2010	0	19268	0	19486		19486	
8/9/06	Wed	0.00	0	7661	2002	0	9663	0	9558		9558	
8/10/06	Thu	0.00	0	17369	1621	0	18990	0	8342		8342	
8/11/06	Fri	0.00	0	2059	2103	0	4162	0	13809		13809	
8/12/06	Sat	0.00	0	15079	1946	0	17025	0	7751		7751	
8/13/06	Sun	1.11	0	7693	1730	0	9423	0	7746		7746	
8/14/06	Mon	0.00	0	17222	2004	0	19226	0	9468		9468	
8/15/06	Tue	0.00	0	7676	2391	0	10067	0	13228		13228	
8/16/06	Wed	0.31	0	14914	1753	0	16667	0	7442		7442	
8/17/06	Thu	0.23	0	10367	2177	0	12544	0	12075		12075	
8/18/06	Fri	0.59	258	2002	2242	0	4502	0	11581		11581	
8/19/06	Sat	0.00	0	15355	2173	0	17528	0	7865		7865	
8/20/06	Sun	0.00	36	7554	2433	0	10023	0	16704		16704	
8/21/06	Mon	0.00	0	17159	1962	0	19121	0	13673		13673	
8/22/06	Tue	0.00	0	1958	1768	0	3726	0	11203		11203	
8/23/06	Wed	0.25	0	15172	2106	0	17278	0	17885		17885	
8/24/06	Thu	0.01	0	7576	4074	0	11650	0	12331		12331	
8/25/06	Fri	0.40	0	17302	2561	0	19863	0	8943		8943	
8/26/06	Sat	0.01	0	7337	2295	0	9632	0	17022		17022	
8/27/06	Sun	0.00	242	6662	2155	0	9059	0	10237		10237	
8/28/06	Mon	0.00	0	10421	1941	0	12362	0	8802		8802	
8/29/06	Tue	0.00	0	17144	2026	0	19170	0	17663		17663	
8/30/06	Wed	0.00	0	7473	1654	0	9127	0	8938		8938	
8/31/06	Thu	0.60	0	106	457	0	563	0	14016		14016	
Unmetered Effluent Flow for the month												
TOTALS		6.06	743	303693	62689	0	367125	0	412612	0	412612	-45487

0.0 represents No Reading (Leakage Action Rates 1530 gal/day)

PHASE 1 & 1A TOTAL ACRES 19.1 - 0 OPEN, 17 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

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9/1/06	Fri	0.40	0	16652	3281	0	19933	0	12592		12592	
9/2/06	Sat	0.00	0	2009	1736	0	3745	0	12119		12119	
9/3/06	Sun	0.00	0	15442	1817	0	17259	0	14855		14855	
9/4/06	Mon	0.00	0	2015	1128	0	3143	0	11933		11933	
9/5/06	Tue	0.00	134	12310	3139	0	15583	0	12137		12137	
9/6/06	Wed	0.00	0	7586	6155	0	13741	0	0		0	
9/7/06	Thu	0.50	0	308	2527	0	2835	0	707		707	
9/8/06	Fri	0.30	12	7468	1899	0	9379	0	15758		15758	
9/9/06	Sat	0.00	316	7185	1066	0	8567	0	0		0	
9/10/06	Sun	0.00	3	15615	2122	0	17740	0	0		0	
9/11/06	Mon	0.00	104	18809	1117	0	20030	0	0		0	
9/12/06	Tue	0.20	98	2104	2504	0	4706	0	0		0	
9/13/06	Wed	0.00	5	15925	2042	0	17972	0	0		0	
9/14/06	Thu	0.50	0	7612	1336	0	8948	0	18160		18160	
9/15/06	Fri	0.00	106	132	2240	0	2478	0	11491		11491	
9/16/06	Sat	0.00	104	12751	1633	0	14488	0	15841		15841	
9/17/06	Sun	0.00	0	5898	1858	0	7756	0	585		585	
9/18/06	Mon	0.50	106	12091	1705	0	13902	0	15627		15627	
9/19/06	Tue	2.60	0	13880	2047	0	15927	0	0		0	
9/20/06	Wed	0.00	105	27806	2557	0	30468	0	19789		19789	
9/21/06	Thu	0.00	0	13600	2218	0	15818	0	19369		19369	
9/22/06	Fri	0.00	127	21154	2899	0	24180	0	16864		16864	
9/23/06	Sat	0.00	105	5778	2184	0	8067	0	12449		12449	
9/24/06	Sun	0.00	0	8145	2423	0	10568	0	0		0	
9/25/06	Mon	0.00	107	20310	2695	0	23112	0	0		0	
9/26/06	Tue	0.00	0	5934	1699	0	7633	0	0		0	
9/27/06	Wed	0.00	116	18384	1674	0	20174	0	0		0	
9/28/06	Thu	0.00	0	1983	1711	0	3694	0	23348		23348	
9/29/06	Fri	0.00	117	15663	1986	0	17766	0	19689		19689	
9/30/06	Sat	0.00	0	2573	1849	0	4422	0	14264		14264	
TOTALS		5.00	1665	317122	65247	0	384034	0	267577	0	267577	116457

Unmetered Effluent Flow for the month

0.0 represents No Reading (Leakage Action Rates 1530 gal/day)

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Notation: 9/6 & 9/20 Nitrates exceeded MCL - no discharge. 9/9 discovered telemetry malfunction - no discharge until corrected