



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

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Dept. of Environmental
 Protection

JUL 07 2006

Southwest District

July 5, 2006

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 April, May and June 2006, together with the Year-to-Date Leachate Tracking Summary.

Please note the plant has been shut down from 5/23/06 through 6/30/06 for the telemetry equipment installation project, with leachate being hauled and disposed at the County's Brentwood Wastewater Treatment Plant.

In addition, on June 30, the action leakage rate, referenced in Specific Condition C.8.g, was exceeded with 1,595 gallons pumped from the Phase 1/1A sump. The transducer that controls the Phase 1/1A secondary pumps malfunctioned, failing to turn off the pumps at the low level setting. This was most likely due to failure of the surge suppressor that was intended to protect that unit. The failed surge suppressor was removed today and the controls appear to be functioning normally. We believe that the exceedence in the pumped amount is not an indication of any new deficiencies in the primary liner system, but rather just pumping the sump dry. For the rest of the month of June, the average leakage into the secondary system was 90 gallons per day for the 9.3 acre Phase 1/1A cell.

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	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
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	12.06	304325	1445017	10574	0	1759916	129314	1835750	0	1965064	-205148

Dept. of Environmental
Protection

JUL 07 2006

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 BWVWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/06	Sat	0.00	0	18	1279	0	1297	0	11322		11322	
4/2/06	Sun	0.00	0	23	858	0	881	0	5951		5951	
4/3/06	Mon	0.00	0	15451	1197	0	16648	0	10983		10983	
4/4/06	Tue	0.00	0	3204	3265	0	6469	0	13863		13863	
4/5/06	Wed	0.00	85	11432	1267	0	12784	0	9998		9998	
4/6/06	Thu	0.00	80	3803	1306	0	5189	0	9667		9667	
4/7/06	Fri	0.00	0	6586	1529	0	8115	0	10043		10043	
4/8/06	Sat	0.20	0	21	1040	0	1061	0	10197		10197	
4/9/06	Sun	0.00	0	2343	951	0	3294	0	5803		5803	
4/10/06	Mon	0.00	0	11677	1021	0	12698	0	11708		11708	
4/11/06	Tue	0.00	0	16202	1434	0	17636	0	15170		15170	
4/12/06	Wed	0.00	0	21	807	0	828	0	10729		10729	
4/13/06	Thu	0.00	0	0	0	0	0	0	0		0	
4/14/06	Fri	0.00	0	233	2400	0	2633	0	21667		21667	
4/15/06	Sat	0.00	1	6180	959	0	7140	0	1		1	
4/16/06	Sun	0.00	283	7940	1876	0	10099	0	9970		9970	
4/17/06	Mon	0.00	2	2599	680	0	3281	0	9321		9321	
4/18/06	Tue	0.00	59	16960	1480	0	18499	0	9490		9490	
4/19/06	Wed	0.00	2	7143	1399	0	8544	0	7803		7803	
4/20/06	Thu	0.00	7	973	2457	0	3437	0	0		0	
4/21/06	Fri	0.00	0	0	0	0	0	0	0		0	
4/22/06	Sat	0.00	155	3872	8732	0	12759	0	261		261	
4/23/06	Sun	0.00	0	7533	991	0	8524	0	14578		14578	
4/24/06	Mon	0.00	0	9285	1035	0	10320	0	8049		8049	
4/25/06	Tue	0.00	0	11490	1060	0	12550	0	9114		9114	
4/26/06	Wed	0.00	0	4252	4613	0	8865	0	9005		9005	
4/27/06	Thu	0.00	0	3244	1047	0	4291	0	8612		8612	
4/28/06	Fri	0.00	0	11543	1881	0	13424	0	8705		8705	
4/29/06	Sat	0.00	0	4166	1571	0	5737	0	8733		8733	
4/30/06	Sun	0.00	0	6599	4444	0	11043	0	8736		8736	
Unmetered Effluent Flow for the month												
TOTALS			0.20	674	174793	52579	228046	0	259479	0	259479	-31433

0.0 represents No Reading

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

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
5/1/06	Mon	0.00	0	0	1672	0	1672	0	8668		8668	
5/2/06	Tue	0.00	0	16553	1929	0	18482	0	8775		8775	
5/3/06	Wed	0.00	0	344	1817	0	2161	0	8819		8819	
5/4/06	Thu	0.00	0	130	1917	0	2047	0	8667		8667	
5/5/06	Fri	0.00	0	135	1674	0	1809	0	8757		8757	
5/6/06	Sat	0.00	0	5029	1489	0	6518	0	8620		8620	
5/7/06	Sun	0.00	62	12806	2103	0	14971	0	8582		8582	
5/8/06	Mon	0.60	0	8723	1838	0	10561	0	8503		8503	
5/9/06	Tue	0.00	0	11189	1675	0	12864	0	8883		8883	
5/10/06	Wed	0.00	100	7471	1884	0	9455	0	8458		8458	
5/11/06	Thu	0.71	0	12278	4620	0	16898	0	8741		8741	
5/12/06	Fri	0.00	7	5774	1963	0	7744	0	8729		8729	
5/13/06	Sat	0.00	0	5434	1588	0	7022	0	8504		8504	
5/14/06	Sun	0.00	0	86	1506	0	1592	0	8435		8435	
5/15/06	Mon	0.00	29	163	1844	0	2036	0	8266		8266	
5/16/06	Tue	0.00	0	16470	1569	0	18039	0	8538		8538	
5/17/06	Wed	0.00	0	26	1310	0	1336	0	8342		8342	
5/18/06	Thu	0.00	296	12817	1339	0	14452	0	13488		13488	
5/19/06	Fri	0.00	11	68	1470	0	1549	0	15496		15496	
5/20/06	Sat	0.00	4	9797	1834	0	11635	0	13313		13313	
5/21/06	Sun	0.00	0	2195	916	0	3111	0	16225		16225	
5/22/06	Mon	0.00	0	40	1492	0	1532	0	1205		1205	
5/23/06	Tue	0.00	266	15294	1442	0	17002	0	0		0	
5/24/06	Wed	0.00	0	26	969	0	995	0	0		0	
5/25/06	Thu	0.00	251	9713	1432	0	11396	0	0		0	
5/26/06	Fri	0.00	277	2233	1655	0	4165	0	0		0	
5/27/06	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0		0	
5/28/06	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0		0	
5/29/06	Mon	0.12	0	15630	3826	0	19455	0	0		0	
5/30/06	Tue	0.00	0	0	0	0	0	0	0		0	
5/31/06	Wed	0.00	0	10189	2595	0	12784	0	0		0	
Unmetered Effluent Flow for the month												
TOTALS		1.43	1303	180613	51368	0	233284	0	205014	0	205014	28270

0.0 represents No Reading
 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
 Note: 5/23/06 Plant off line for installation of telemetry equipment

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.WMTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/06	Thu	0.18	0	2989	338		0	3327	0	0	0	0
6/2/06	Fri	0.00	40	1909	2181		0	4130	0	0	0	0
6/3/06	Sat	0.10	0	5339	1285		0	6624	0	0	0	0
6/4/06	Sun	0.00	0	645	1544		0	2189	0	0	0	0
6/5/06	Mon	0.00	0	1316	825		0	2141	0	0	0	0
6/6/06	Tue	0.00	250	3380	1082		0	4712	0	0	0	0
6/7/06	Wed	0.00	566	11397	1280		0	13243	0	0	0	0
6/8/06	Thu	0.00	0	0	0		0	0	0	0	0	0
6/9/06	Fri	0.00	0	0	0		0	0	0	0	0	0
6/10/06	Sat	0.00	221	15892	2596		0	18709	0	0	0	0
6/11/06	Sun	0.15	215	11294	2089		0	13598	0	0	0	0
6/12/06	Mon	3.50	91	6397	1063		0	7551	0	0	0	0
6/13/06	Tue	0.50	3	19089	1490		0	20582	0	0	0	0
6/14/06	Wed	0.00	92	2359	1470		0	3921	30372	0	30372	0
6/15/06	Thu	0.00	91	5390	1269		0	6750	27763	0	27763	0
6/16/06	Fri	0.00	0	0	0		0	0	0	0	0	0
6/17/06	Sat	0.00	189	18230	3319		0	21738	0	0	0	0
6/18/06	Sun	0.01	95	12291	1036		0	13422	0	0	0	0
6/19/06	Mon	0.20	94	5370	1603		0	7067	38019	0	38019	0
6/20/06	Tue	0.46	98	79	1503		0	1680	0	0	0	0
6/21/06	Wed	0.00	0	12224	1288		0	13512	0	0	0	0
6/22/06	Thu	0.00	98	5376	1524		0	6998	0	0	0	0
6/23/06	Fri	0.00	95	9643	1625		0	11363	0	0	0	0
6/24/06	Sat	0.01	0	2160	1494		0	3654	0	0	0	0
6/25/06	Sun	0.02	189	37	1306		0	1532	0	0	0	0
6/26/06	Mon	1.00	2	15285	1820		0	17107	0	0	0	0
6/27/06	Tue	0.00	96	2178	1975		0	4249	0	0	0	0
6/28/06	Wed	0.00	96	15252	1168		0	16516	0	0	0	0
6/29/06	Thu	0.00	0	6996	1843		0	8839	13297	0	13297	0
6/30/06	Fri	0.00	1595	3090	1138		0	5823	19863	0	19863	0
TOTALS		6.13	4216	195607	41154		0	240977	129314	0	129314	111663

Unmetered Effluent Flow for the month

0.0 represents No Reading

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

6/30/06 High flows from 80 Acre secondary pumps due to level transducers malfunctioning causing pumps to not shut off. See explanation notes in DEP letter 7/5/06.

258628