



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

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July 13, 2010

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 2010, together with the Year-to-Date Leachate Tracking Summary.

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

Sincerely,

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

Enclosures

CC: Larry Brock, Interim Director, Department of Public Works (w/Y-T-D Summary)  
Ed Hilton, SCS Engineers – Tampa Office

Dept. of Environmental  
Protection  
JUL 15 2010  
Southwest District

**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	2.03	26759	171214	3	0	197976	0	196844	0	196844	1132
FEBRUARY	3.76	17564	198269	4	11108	226945	0	255118	0	255118	-28173
MARCH	10.87	13212	257786	3	9079	280080	0	300162	0	300162	-20082
APRIL	1.22	57623	224806	4	47219	329652	0	311212	0	311212	18440
MAY	5.15	62466	153828	31	0	216325	0	220615	0	220615	-4290
JUNE	5.28	48323	144322	0	0	192645	0	251249	0	251249	-58604
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	28.31	225947	1150225	45	67406	1443623	0	1535200	0	1535200	-91577

JUL 15 2010  
 SOUTHWEST DISTRICT  
 TAMPA  
 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
6/1/10	Tue	0.00	0	0	1963	0	1963	0	5245	0	5245	
6/2/10	Wed	0.00	0	5903	2340	0	8243	0	5343	0	5343	
6/3/10	Thu	0.00	0	0	1739	0	1739	0	6261	0	6261	
6/4/10	Fri	0.10	0	3541	1680	0	5221	0	6428	0	6428	
6/5/10	Sat	0.00	0	0	1965	0	1965	0	6452	0	6452	
6/6/10	Sun	0.11	0	0	1657	0	1657	0	6432	0	6432	
6/7/10	Mon	0.21	0	7759	1846	0	9605	0	6126	0	6126	
6/8/10	Tue	0.00	0	5361	1500	0	6861	0	7649	0	7649	
6/9/10	Wed	0.00	0	5807	1946	0	7753	0	10308	0	10308	
6/10/10	Thu	0.00	0	4725	1491	0	6216	0	5954	0	5954	
6/11/10	Fri	0.00	0	6780	1250	0	8030	0	14767	0	14767	
6/12/10	Sat	0.00	0	0	1760	0	1760	0	8206	0	8206	
6/13/10	Sun	0.00	0	0	1991	0	1991	0	12993	0	12993	
6/14/10	Mon	0.00	0	9504	1865	0	11369	0	11558	0	11558	
6/15/10	Tue	0.00	0	4965	1474	0	6439	0	9744	0	9744	
6/16/10	Wed	0.43	0	3496	2204	0	5700	0	15248	0	15248	
6/17/10	Thu	0.00	0	3521	809	0	4330	0	14349	0	14349	
6/18/10	Fri	0.99	0	3674	1615	0	5289	0	10150	0	10150	
6/19/10	Sat	0.08	0	53	1886	0	1939	0	14157	0	14157	
6/20/10	Sun	0.69	0	146	1450	0	1596	0	6348	0	6348	
6/21/10	Mon	0.11	0	7341	1639	0	8980	0	12782	0	12782	
6/22/10	Tue	0.00	0	3614	1529	0	5143	0	4008	0	4008	
6/23/10	Wed	0.00	0	13590	3079	0	16669	0	4751	0	4751	
6/24/10	Thu	0.00	0	6047	0	0	6047	0	4437	0	4437	
6/25/10	Fri	0.00	0	5594	1714	0	7308	0	4496	0	4496	
6/26/10	Sat	0.00	0	17080	1132	0	18212	0	4521	0	4521	
6/27/10	Sun	2.05	0	5709	1229	0	6938	0	4395	0	4395	
6/28/10	Mon	0.00	0	9051	1332	0	10383	0	8436	0	8436	
6/29/10	Tue	0.05	0	6197	918	0	7115	0	13357	0	13357	
6/30/10	Wed	0.46	0	4864	1320	0	6184	0	6348	0	6348	
<b>TOTALS</b>		<b>5.28</b>	<b>0</b>	<b>144322</b>	<b>48323</b>	<b>0</b>	<b>192645</b>	<b>0</b>	<b>251249</b>	<b>0</b>	<b>251249</b>	<b>-58604</b>

6/10 Primary pump #1 and #2 for Phase 1 and 1A cell out of service.

6/10 Phase 1/1A secondary pumps out of service due to level transducer malfunction. Operating in manual as needed.

6/1/10 Phase 2 cell primary pump level transducer out of service due to lightning. Operating by hand until transducer replaced.

6/7/10 Installed temporary leachate pump in cleanout pipe and running by hand daily.

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
5/1/10	Sat	0.00	0	10520	1543	0	12063	0	11179	0	11179	
5/2/10	Sun	0.00	0	78	2150	0	2228	0	8206	0	8206	
5/3/10	Mon	0.00	0	11754	1469	0	13223	0	9424	0	9424	
5/4/10	Tue	0.10	0	7771	1249	0	9020	0	3023	0	3023	
5/5/10	Wed	0.33	0	7818	4668	0	12486	0	5915	0	5915	
5/6/10	Thu	0.00	0	7154	523	0	7677	0	11736	0	11736	
5/7/10	Fri	0.00	0	4525	2411	0	6936	0	4553	0	4553	
5/8/10	Sat	0.00	0	5765	1239	0	7004	0	3725	0	3725	
5/9/10	Sun	0.00	0	4221	1368	0	5589	0	3753	0	3753	
5/10/10	Mon	0.00	0	6957	391	0	7348	0	10861	0	10861	
5/11/10	Tue	0.00	0	4540	922	0	5462	0	3951	0	3951	
5/12/10	Wed	0.00	0	9598	3644	0	13242	0	4279	0	4279	
5/13/10	Thu	0.00	0	5743	2213	0	7956	0	7933	0	7933	
5/14/10	Fri	0.00	0	8253	1316	0	9569	0	5551	0	5551	
5/15/10	Sat	0.00	0	4095	0	0	4095	0	5039	0	5039	
5/16/10	Sun	0.09	0	5973	955	0	6928	0	5224	0	5224	
5/17/10	Mon	0.13	0	7320	3382	0	10702	0	10609	0	10609	
5/18/10	Tue	0.00	0	6564	6720	0	13284	0	6719	0	6719	
5/19/10	Wed	0.00	0	9367	0	0	9367	0	10900	0	10900	
5/20/10	Thu	0.00	0	2968	2151	0	5119	0	11844	0	11844	
5/21/10	Fri	0.00	0	5007	1951	0	6958	0	10257	0	10257	
5/22/10	Sat	0.00	0	4554	2646	0	7200	0	8061	0	8061	
5/23/10	Sun	0.04	0	79	2305	0	2384	0	9824	0	9824	
5/24/10	Mon	0.00	0	2094	4676	0	6770	0	11408	0	11408	
5/25/10	Tue	0.00	0	0	0	0	0	0	0	0	0	
5/26/10	Wed	0.00	0	4351	2277	0	6628	0	5486	0	5486	
5/27/10	Thu	0.00	0	96	2012	0	2108	0	6112	0	6112	
5/28/10	Fri	0.00	0	1864	2264	0	4128	0	4993	0	4993	
5/29/10	Sat	2.20	31	4740	2094	0	6865	0	6143	0	6143	
5/30/10	Sun	2.26	0	59	2400	0	2459	0	6740	0	6740	
5/31/10	Mon	0.00	0	0	1527	0	1527	0	7167	0	7167	
<b>TOTALS</b>		<b>5.15</b>	<b>31</b>	<b>153828</b>	<b>62466</b>	<b>0</b>	<b>216325</b>	<b>0</b>	<b>220615</b>	<b>0</b>	<b>220615</b>	<b>-4290</b>

05/10- Primary Pump #2 for Phase 1 and 1A cell out of service.

05/10- Phase 1/1A secondary pumps out of service due to level transducer malfunction. Will operate in manual as need be.

5/24/10- Primary Pump #1 (Phase 1/1A) out of service.

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
4/1/10	Thu	0.00	0	9854	7	0	9861	0	7824	0	7824	
4/2/10	Fri	0.00	0	5767	5173	0	10940	0	14963	0	14963	
4/3/10	Sat	0.00	0	7821	0	0	7821	0	11288	0	11288	
4/4/10	Sun	0.00	0	5884	0	0	5884	0	9785	0	9785	
4/5/10	Mon	0.00	0	10062	0	0	10062	0	13262	0	13262	
4/6/10	Tue	0.00	0	11636	14421	0	26057	0	5873	0	5873	
4/7/10	Wed	0.00	1	10470	8615	22551	41637	0	19878	0	19878	
4/8/10	Thu	0.06	0	8673	4337	21041	34051	0	3966	0	3966	
4/9/10	Fri	0.00	0	5554	0	0	5554	0	7984	0	7984	
4/10/10	Sat	0.00	0	11	0	0	11	0	8761	0	8761	
4/11/10	Sun	0.00	0	12387	20	0	12407	0	7422	0	7422	
4/12/10	Mon	0.00	0	10041	2622	3627	16290	0	10719	0	10719	
4/13/10	Tue	0.00	0	6008	1984	0	7992	0	7590	0	7590	
4/14/10	Wed	0.00	2	6906	2546	0	9454	0	15368	0	15368	
4/15/10	Thu	0.00	0	7579	0	0	7579	0	6764	0	6764	
4/16/10	Fri	0.00	0	7430	0	0	7430	0	13954	0	13954	
4/17/10	Sat	0.00	0	6464	59	0	6523	0	7532	0	7532	
4/18/10	Sun	0.18	0	4491	0	0	4491	0	12785	0	12785	
4/19/10	Mon	0.15	0	7594	2780	0	10374	0	8171	0	8171	
4/20/10	Tue	0.27	1	9362	2389	0	11752	0	12207	0	12207	
4/21/10	Wed	0.00	0	6618	0	0	6618	0	10443	0	10443	
4/22/10	Thu	0.00	0	12193	1992	0	14185	0	7831	0	7831	
4/23/10	Fri	0.00	0	4265	0	0	4265	0	11552	0	11552	
4/24/10	Sat	0.00	0	5045	0	0	5045	0	7412	0	7412	
4/25/10	Sun	0.56	0	7879	0	0	7879	0	5936	0	5936	
4/26/10	Mon	0.00	0	2027	4	0	2031	0	12127	0	12127	
4/27/10	Tue	0.00	0	5491	0	0	5491	0	7307	0	7307	
4/28/10	Wed	0.00	0	7906	5289	0	13195	0	9462	0	9462	
4/29/10	Thu	0.00	0	10173	5385	0	15558	0	13624	0	13624	
4/30/10	Fri	0.00	0	9215	0	0	9215	0	6657	0	6657	
<b>Unmetered effluent flow for the month</b>											<b>12765</b>	
<b>TOTALS</b>		<b>1.22</b>	<b>4</b>	<b>224806</b>	<b>57623</b>	<b>47219</b>	<b>329652</b>	<b>0</b>	<b>298447</b>	<b>0</b>	<b>311212</b>	<b>18440</b>

04/10- Primary pump #2 for Phase 1 and 1A cell out of service.

04/10- Phase 1/1A secondary pumps out of service due to level transducer malfunction. Will operate in manual as need be.

4/7/10- Took SBR #1 off line and took 22551 gallons of partially treated leachate down and disposed of in cell. Brought in 12765 gallons of seed sludge from Brentwood WWTP and put in SBR #2 and filled with water and started processing leachate.

4/8/10- Finished pumping down SBR #1 and disposed 21041 gallons in cell.

4/12/10- Cleaned out SBR #1 and digester and disposed 3627 gallons of sludge in cell.