



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

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Dept. of Environmental Protection  
JUL 05 2012

Southwest District

July 2, 2012

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
JUL 05 2012  
SOUTHWEST DISTRICT  
TAMPA

Re: **Citrus County Central Landfill - Permit No. 21375-018-SO/01**  
**Leachate Generation and Daily Precipitation Report**

Dear Ms. Pelz:

In compliance with Specific Condition C.8.e.2. of the above referenced permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months of April, May and June 2012, together with the Year-to-Date Leachate Tracking Summary.

Please note, the recorded secondary flows for Phase 2 and 3 have exceeded the allowable leachate rates as specified in the permit. FDEP was notified verbally of this situation on June 21, 2012. We believe this is due to Tropical Storm Beryl generating 7.70 inches of rain in May. Tropical Storm Debby generated 16.60 inches of rain in June which we anticipate will have the same effect on the secondary collection system in July.

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

Sincerely,

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

Enclosures

CC: Ken Frink, Director, Department of Public Works (w/Y-T-D Summary)  
Ed Hilton, SCS Engineers – Tampa Office (Electronic submittal)

**CITRUS COUNTY CENTRAL LANDFILL  
LEACHATE GALLONS**

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1,1A, 2 & 3	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1,1A, 2 & 3	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.20	18999	178873	1601	9101	208574	0	224903	0	224903	-16329
FEBRUARY	4.90	17109	291068	3784	0	311961	38096	245427	0	283523	28438
MARCH	1.30	18495	214104	4042	39655	276296	146206	214319	0	360525	-84229
APRIL	0.00	15442	221726	4419	27051	268638	0	201450	0	201450	67188
MAY	7.70	20314	510144	11217	0	541675	358812	180979	0	539791	1884
JUNE	16.60	16798	3201421	92267	0	3310486	3034965	620537	0	3655502	-345016
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	31.7	107157	4617336	117330	75807	4917630	3578079	1687615	0	5265694	-348064

1229407.5

CITRUS COUNTY CENTRAL LANDFILL

**DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA**

DATE	DAY	RAIN DATA	80-ACRE TOTAL SECONDARY PHASE 1, 1A, 2 & 3	80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3	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
4/1/12	Sun	0.00	72	6019	555	0	6646	0	11255	0	11255	
4/2/12	Mon	0.00	58	5101	564	0	5723	0	11290	0	11290	
4/3/12	Tue	0.00	65	4829	553	0	5447	0	8087	0	8087	
4/4/12	Wed	0.00	324	8581	534	0	9439	0	6098	0	6098	
4/5/12	Thu	0.00	68	6513	578	0	7159	0	6212	0	6212	
4/6/12	Fri	0.00	100	6713	389	0	7202	0	12112	0	12112	
4/7/12	Sat	0.00	62	5510	638	0	6210	0	6238	0	6238	
4/8/12	Sun	0.00	484	7086	949	0	8519	0	10067	0	10067	
4/9/12	Mon	0.00	312	6529	460	0	7301	0	4296	0	4296	
4/10/12	Tue	0.00	95	4343	289	0	4727	0	4092	0	4092	
4/11/12	Wed	0.00	67	6229	406	0	6702	0	4237	0	4237	
4/12/12	Thu	0.00	72	3006	507	4525	8110	0	7598	0	7598	
4/13/12	Fri	0.00	512	6956	735	0	8203	0	9950	0	9950	
4/14/12	Sat	0.00	110	4723	0	0	4833	0	4387	0	4387	
4/15/12	Sun	0.00	7	3307	483	0	3797	0	0	0	0	
4/16/12	Mon	0.00	50	5513	452	0	6015	0	12141	0	12141	
4/17/12	Tue	0.00	401	6088	589	0	7078	0	3848	0	3848	
4/18/12	Wed	0.00	68	6407	526	0	7001	0	3885	0	3885	
4/19/12	Thu	0.00	67	5475	516	9233	15291	0	5231	0	5231	
4/20/12	Fri	0.30	161	8070	998	0	9229	0	10250	0	10250	
4/21/12	Sat	1.40	38	36862	462	0	37362	0	6495	0	6495	
4/22/12	Sun	0.00	142	15862	721	0	16725	0	7489	0	7489	
4/23/12	Mon	0.00	110	9419	461	0	9990	0	0	0	0	
4/24/12	Tue	0.00	227	8010	215	13293	21745	0	0	0	0	
4/25/12	Wed	0.00	206	6776	540	0	7522	0	12190	0	12190	
4/26/12	Thu	0.00	300	5732	532	0	6564	0	7414	0	7414	
4/27/12	Fri	0.00	137	7686	537	0	8360	0	5457	0	5457	
4/28/12	Sat	0.00	30	3398	515	0	3943	0	8665	0	8665	
4/29/12	Sun	0.00	74	5183	441	0	5698	0	4079	0	4079	
4/30/12	Mon	0.00	0	5800	297	0	6097	0	8387	0	8387	
<b>TOTALS</b>		<b>1.70</b>	<b>4419</b>	<b>221726</b>	<b>15442</b>	<b>27051</b>	<b>268638</b>	<b>0</b>	<b>201450</b>	<b>0</b>	<b>201450</b>	<b>67188</b>

PHASE 1 (16.5), 1A (3.3), 2 (6) & 3 (6.8) TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

Transported 27051 gallons of Seed Sludge from Brentwood WWTP to Leachate Plant

4/22/12 Plant effluent high in ammonias. Recirculation batches.

4/25/12 Plant back in compliance and now discharging 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 & 3	80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW & MC WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/12	Tue	0.00	71	4936	888	0	5895	0	4234	0	4234	
5/2/12	Wed	0.00	77	6801	515	0	7393	0	4007	0	4007	
5/3/12	Thu	0.00	84	2827	580	0	3491	19384	5038	0	24422	
5/4/12	Fri	0.00	43	5743	512	0	6298	22398	9330	0	31728	
5/5/12	Sat	0.00	77	6208	549	0	6834	0	4926	0	4926	
5/6/12	Sun	0.00	50	4832	507	0	5389	0	8043	0	8043	
5/7/12	Mon	0.00	412	6155	2254	0	8821	0	5467	0	5467	
5/8/12	Tue	0.00	103	2730	644	0	3477	0	7783	0	7783	
5/9/12	Wed	0.00	16	5968	466	0	6450	0	6499	0	6499	
5/10/12	Thu	0.00	130	5589	749	0	6468	29837	6613	0	36450	
5/11/12	Fri	0.00	68	2958	759	0	3785	39204	5684	0	44888	
5/12/12	Sat	0.00	16	3756	303	0	4075	0	0	0	0	
5/13/12	Sun	0.00	18	6479	746	0	7243	0	10844	0	10844	
5/14/12	Mon	0.50	53	6223	253	0	6529	0	3553	0	3553	
5/15/12	Tue	0.00	54	5839	738	0	6631	0	6280	0	6280	
5/16/12	Wed	0.80	334	11875	278	0	12487	0	6337	0	6337	
5/17/12	Thu	0.00	4	8837	737	0	9578	0	4340	0	4340	
5/18/12	Fri	0.00	145	5519	596	0	6260	0	6985	0	6985	
5/19/12	Sat	0.00	57	5959	326	0	6342	0	5705	0	5705	
5/20/12	Sun	0.00	133	6464	767	0	7364	0	7084	0	7084	
5/21/12	Mon	0.00	22	3207	317	0	3546	0	4224	0	4224	
5/22/12	Tue	0.00	21	15891	765	0	16677	0	2495	0	2495	
5/23/12	Wed	0.00	69	10134	299	0	10502	0	6236	0	6236	
5/24/12	Thu	0.00	27	4116	701	0	4844	0	6981	0	6981	
5/25/12	Fri	0.00	437	9161	784	0	10382	0	5306	0	5306	
5/26/12	Sat	0.00	20	6337	571	0	6928	0	1861	0	1861	
5/27/12	Sun	0.40	27	6762	522	0	7311	0	6358	0	6358	
5/28/12	Mon	4.00	181	112025	1133	0	113339	0	4081	0	4081	
5/29/12	Tue	1.00	819	23660	131	0	24610	52717	12648	0	65365	
5/30/12	Wed	0.00	3376	47033	1123	0	51532	76528	4122	0	80650	
5/31/12	Thu	1.00	4273	156120	801	0	161194	118744	7915	0	126659	
<b>TOTALS</b>		<b>7.70</b>	<b>11217</b>	<b>510144</b>	<b>20314</b>	<b>0</b>	<b>541675</b>	<b>358812</b>	<b>180979</b>	<b>0</b>	<b>539791</b>	<b>1884</b>

PHASE 1 (16.5), 1A (3.3), 2 (6) & 3 (6.8) TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

Due to high rainfall caused by tropical storm Beryl started hauling leachate to Brentwood WWTP on 5/29/12

Due to high rainfall caused by tropical storm Beryl started hauling leachate to Brentwood WWTP and Meadowcrest WWTP on 5/31/12

Secondary flow exceedances notification send to FDEP 3/29/12 with request for permit modification (Received modification for Phase 3)

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL SECONDARY PHASE 1, 1A, 2 & 3	80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO MC & BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE	
6/1/12	Fri	0.30	4328	117847	320	0	122495	100348	13260		113608		
6/2/12	Sat	0.00	4293	14403	784	0	19480	44465	8041		52506		
6/3/12	Sun	0.00	4620	60151	326	0	65097	59223	12451		71674		
6/4/12	Mon	0.00	3153	377280	603	0	381036	72602	13943		86545		
6/5/12	Tue	0.50	3	18	500	0	521	101856	12658		114514		
6/6/12	Wed	0.00	9094	237780	811	0	247685	164036	16869		180905		
6/7/12	Thu	2.30	4413	53089	306	0	57808	194669	13966		208635		
6/8/12	Fri	1.00	3210	251314	772	0	255296	148331	17953		166284		
6/9/12	Sat	0.00	3218	3743	912	0	7873	0	18898		18898		
6/10/12	Sun	0.00	4274	12687	559	0	17520	0	21993		21993		
6/11/12	Mon	0.00	3410	180116	537	0	184063	196005	18954		214959		
6/12/12	Tue	0.30	2696	235416	331	0	238443	198655	20466		219121		
6/13/12	Wed	0.30	2527	255714	784	0	259025	172638	23982		196620		
6/14/12	Thu	0.40	1553	165809	303	0	167665	152933	23356		176289		
6/15/12	Fri	0.00	870	146987	727	0	148584	105830	22469		128299		
6/16/12	Sat	0.00	1793	57701	324	0	59818	0	23600		23600		
6/17/12	Sun	0.00	451	2485	764	0	3700	0	22570		22570		
6/18/12	Mon	0.00	1434	128134	654	0	130222	125237	23371		148608		
6/19/12	Tue	0.00	375	118034	379	0	118788	115993	24230		140223		
6/20/12	Wed	0.00	239	104185	285	0	104709	170866	22699		193565		
6/21/12	Thu	0.00	1204	108515	738	0	110457	169451	22096		191547		
6/22/12	Fri	1.80	173	15528	445	0	16146	56544	24226		80770		
6/23/12	Sat	1.10	145	3834	598	0	4577	56007	25786		81793		
6/24/12	Sun	7.60	1816	7904	628	0	10348	0	15410		15410		
6/25/12	Mon	0.50	3389	23344	1144	0	27877	135472	23214		158686		
6/26/12	Tue	0.50	4346	222623	708	0	227677	118935	27005		145940		
6/27/12	Wed	0.00	5935	4923	290	0	11148	86938	32775		119713		
6/28/12	Thu	0.00	5671	168490	297	0	174458	144101	24956		169057		
6/29/12	Fri	0.00	7012	36760	704	0	44476	143830	24847		168677		
6/30/12	Sat	0.00	6622	86607	265	0	93494	0	24493		24493		
Unmetered Leachate											25000		
<b>TOTALS</b>			<b>16.60</b>	<b>92267</b>	<b>3201421</b>	<b>16798</b>	<b>0</b>	<b>3310486</b>	<b>3034965</b>	<b>620537</b>	<b>0</b>	<b>3655502</b>	<b>-345016</b>

PHASE 1 (16.5), 1A (3.3), 2 (6) & 3 (6.8) TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

6/5/12 Unmetered leachate/contaminated stormwater from leachate storage tank overflow

Off-site Disposal of Raw Leachate to County WWTPs was generated from Tropical Storm(s) Beryl and Debby (MC = Meadowcrest & BW = Brentwood)

Note: Secondary collection Phase 2 & 3 limits were also exceeded due to Tropical Storm(s) Beryl and Debby generating 24.30 inches of rain