



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

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September 6, 2010

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

Dept. Of Environmental Protection
OCT 08 2010
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 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: Ken Frink 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	2.03	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	8.93	48869	206294	183	0	255346	0	236630	0	236630	18716
AUGUST	15.58	31103	453751	8	8856	493718	60367	314923	0	375290	118428
SEPTEMBER	5.05	22688	291320	0	9592	323600	28717	281984	0	310701	12899
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	57.87	328607	2101590	236	85854	2516287	89084	2368737	0	2457821	58466

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OCT 08 2010
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 & MC WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/10	Wed	0.00	0	18469	261	0	18730	28717	0		28717	
9/2/10	Thu	0.00	0	22227	671	0	22898	0	13814		13814	
9/3/10	Fri	0.00	0	11953	860	0	12813	0	8109		8109	
9/4/10	Sat	0.02	0	8406	540	0	8946	0	8478		8478	
9/5/10	Sun	0.00	0	11705	785	0	12490	0	6421		6421	
9/6/10	Mon	0.21	0	7502	828	0	8330	0	12597		12597	
9/7/10	Tue	0.09	0	11281	809	9592	21682	0	0		0	
9/8/10	Wed	0.00	0	7834	643	0	8477	0	7646		7646	
9/9/10	Thu	0.60	0	11260	856	0	12116	0	12102		12102	
9/10/10	Fri	0.00	0	11393	436	0	11829	0	14253		14253	
9/11/10	Sat	1.27	0	13280	774	0	14054	0	9249		9249	
9/12/10	Sun	0.00	0	11155	932	0	12087	0	15389		15389	
9/13/10	Mon	0.00	0	14341	675	0	15016	0	15215		15215	
9/14/10	Tue	0.00	0	6749	838	0	7587	0	9517		9517	
9/15/10	Wed	0.00	0	12705	490	0	13195	0	13335		13335	
9/16/10	Thu	0.00	0	10461	874	0	11335	0	13107		13107	
9/17/10	Fri	0.00	0	11614	748	0	12362	0	8245		8245	
9/18/10	Sat	0.00	0	8059	873	0	8932	0	14344		14344	
9/19/10	Sun	0.00	0	7673	882	0	8555	0	10440		10440	
9/20/10	Mon	0.00	0	10000	867	0	10867	0	11284		11284	
9/21/10	Tue	0.00	0	6571	288	0	6859	0	14291		14291	
9/22/10	Wed	0.00	0	9533	881	0	10414	0	7500		7500	
9/23/10	Thu	0.00	0	5943	879	0	6822	0	13655		13655	
9/24/10	Fri	0.00	0	6082	450	0	6532	0	477		477	
9/25/10	Sat	0.47	0	3274	1155	0	4429	0	0		0	
9/26/10	Sun	0.71	0	6027	904	0	6931	0	0		0	
9/27/10	Mon	0.23	0	5818	841	0	6659	0	0		0	
9/28/10	Tue	0.70	0	5857	904	0	6761	0	8344		8344	
9/29/10	Wed	0.75	0	8587	862	0	9449	0	9831		9831	
9/30/10	Thu	0.00	0	5561	882	0	6443	0	15348		15348	
Unmetered leachate									8993		8993	
TOTALS		5.05	0	291320	22688	9592	323600	28717	281984	0	310701	12899

09/01/10- Phase 1-1A cell primary and secondary leachate pumps out of service. Pumping down cell manually until pipe work completed.

09/01/10- Plant out of compliance for nitrates. Recirculated 10,968 gallons back to storage tanks for reprocessing.

09/02/10- Plant back in compliance for nitrates and now discharging to ponds.

09/07/10- Transported 8983 gallons of sludge out of SBR #2 and dispose of in cell (unmetered effluent flow).

Transported in 9592 gallons of seed sludge from Brentwood WWTP and put in SBR #2 (special project flow).

PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 23.8 INTERMEDIATE, 1.3 UNUSED, 0.0 CLOSED

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 & MC WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/10	Sun	0.00	0	2950	956	0	3906	0	1163		1163	
8/2/10	Mon	1.10	0	2593	240	0	2833	0	1018		1018	
8/3/10	Tue	0.07	0	2952	549	0	3501	0	7904		7904	
8/4/10	Wed	0.00	0	17381	216	0	17597	0	5230		5230	
8/5/10	Thu	0.00	0	2621	315	8856	11792	0	5856		5856	
8/6/10	Fri	0.30	0	27433	3833	0	31266	0	3218		3218	
8/7/10	Sat	2.20	0	22104	2242	0	24346	0	11208		11208	
8/8/10	Sun	1.05	0	27086	2326	0	29412	0	7234		7234	
8/9/10	Mon	0.01	0	32919	1565	0	34484	0	7714		7714	
8/10/10	Tue	0.08	7	26316	1962	0	28285	0	9857		9857	
8/11/10	Wed	0.54	0	25100	2712	0	27812	0	10962		10962	
8/12/10	Thu	0.22	0	8822	931	0	9753	0	16931		16931	
8/13/10	Fri	0.09	0	3066	1569	0	4635	0	10805		10805	
8/14/10	Sat	0.12	0	2555	1693	0	4248	0	18910		18910	
8/15/10	Sun	0.01	0	5368	1949	0	7317	0	8345		8345	
8/16/10	Mon	0.00	0	3084	1291	0	4375	0	14025		14025	
8/17/10	Tue	2.40	0	2557	403	0	2960	0	13676		13676	
8/18/10	Wed	0.90	0	5313	594	0	5907	0	14481		14481	
8/19/10	Thu	0.00	0	5143	396	0	5539	0	10386		10386	
8/20/10	Fri	0.10	0	23514	476	0	23990	0	17953		17953	
8/21/10	Sat	0.16	1	23148	981	0	24130	0	12977		12977	
8/22/10	Sun	0.00	0	23278	236	0	23514	0	15334		15334	
8/23/10	Mon	2.09	0	23624	193	0	23817	0	17062		17062	
8/24/10	Tue	3.37	0	25495	57	0	25552	0	14100		14100	
8/25/10	Wed	0.05	0	26833	198	0	27031	0	8847		8847	
8/26/10	Thu	0.00	0	24890	366	0	25256	0	9649		9649	
8/27/10	Fri	0.40	0	21377	417	0	21794	0	16945		16945	
8/28/10	Sat	0.00	0	12791	867	0	13658	0	11817		11817	
8/29/10	Sun	0.32	0	14495	869	0	15364	0	872		872	
8/30/10	Mon	0.00	0	6366	204	0	6570	27245	0		27245	
8/31/10	Tue	0.00	0	2577	497	0	3074	33122	0		33122	
Unmetered Effluent											10444	
TOTALS		15.58	8	453751	31103	8856	493718	60367	304479	0	375290	118428

08/10- Primary pump #1 and #2 for Phase 1 and 1A cell out of service. Running temporary pump manually to pump down leachate .

08/10- Phase 1/1A secondary pumps out of service due to level transducer malfunction. Will operate in manual as needed.

08/05/10- Transported 9065 gallons of sludge out of SBR #2 and disposed of in cell. Brought in 8856 gallons of seed sludge from Brentwood WWTP and put in SBR #2.

08/06/10- Pumped out treated leachate from SBR #4 and disposed of (1379 gallons) in cell. Cleaned out tank and chlorinated. Put back on line.

08/06/10- Contractors installed pump in 80 acre phase 1/1a Sump and now pumping down manually each day to drain cell.

08/30/10- Clean Harbors in to haul leachate out of storage tanks and transport to Brentwood WWTP for processing. Hauled 27,245 gallons.

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PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 23.8 INTERMEDIATE, 1.3 UNUSED, 0.0 CLOSED

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
7/1/10	Thu	0.00	0	4776	4924	0	9700	0	12290		12290	
7/2/10	Fri	0.10	0	2687	256	0	2943	0	1642		1642	
7/3/10	Sat	0.30	0	16069	0	0	16069	0	0		0	
7/4/10	Sun	1.60	0	0	6049	0	6049	0	3067		3067	
7/5/10	Mon	0.00	0	7056	1323	0	8379	0	29247		29247	
7/6/10	Tue	0.94	0	17114	501	0	17615	0	0		0	
7/7/10	Wed	0.00	0	3031	1279	0	4310	0	7043		7043	
7/8/10	Thu	0.00	0	9051	2943	0	11994	0	13412		13412	
7/9/10	Fri	0.00	0	5889	2125	0	8014	0	7869		7869	
7/10/10	Sat	0.01	0	2994	887	0	3881	0	9456		9456	
7/11/10	Sun	0.01	0	2670	1282	0	3952	0	9934		9934	
7/12/10	Mon	0.00	0	13393	2146	0	15539	0	9252		9252	
7/13/10	Tue	0.00	0	5237	1322	0	6559	0	11123		11123	
7/14/10	Wed	0.00	0	5888	2152	0	8040	0	6914		6914	
7/15/10	Thu	0.30	0	6158	1888	0	8046	0	12250		12250	
7/16/10	Fri	0.00	0	6321	1546	0	7867	0	9012		9012	
7/17/10	Sat	0.00	0	2622	852	0	3474	0	7314		7314	
7/18/10	Sun	0.00	0	125	514	0	639	0	8583		8583	
7/19/10	Mon	0.00	0	17229	1794	0	19023	0	5530		5530	
7/20/10	Tue	0.00	0	4656	2796	0	7452	0	4805		4805	
7/21/10	Wed	0.00	0	6304	1954	0	8258	0	7046		7046	
7/22/10	Thu	0.00	0	14620	1937	0	16557	0	5554		5554	
7/23/10	Fri	0.00	0	2690	1367	0	4057	0	6183		6183	
7/24/10	Sat	0.00	0	2902	742	0	3644	0	5603		5603	
7/25/10	Sun	0.00	0	21	499	0	520	0	1397		1397	
7/26/10	Mon	3.00	0	2648	103	0	2751	0	646		646	
7/27/10	Tue	0.00	183	2884	994	0	4061	0	11312		11312	
7/28/10	Wed	1.70	0	15817	2478	0	18295	0	9139		9139	
7/29/10	Thu	0.97	0	19743	1267	0	21010	0	413		413	
7/30/10	Fri	0.00	0	2884	278	0	3162	0	12647		12647	
7/31/10	Sat	0.00	0	2815	671	0	3486	0	7947		7947	
TOTALS		8.93	183	206294	48869	0	255346	0	236630	0	236630	18716

07/10- Phase 1/1A secondary pumps out of service due to level transducer malfunction. Will operate in manual as need be.

07/10- Running temporary pump manually to pump down leachate for phase 1/1a cell when need be.

PHASE 1, 1A & 2 TOTAL ACRES 26.1 - 1 OPEN, 23.8 INTERMEDIATE, 1.3 UNUSED, 0.0 CLOSED