



Board of County Commissioners

DEPARTMENT OF PUBLIC WORKS SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
TDD Telephone 527-5303
email: landfillinfo@bocc.citrus.fl.us

Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

Dept. Of Environmental Protection

APR 15 2013

Southwest District

April 11, 2013

Steve Morgan
Department of Environmental Protection
Solid Waste Section
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926

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

Dear Mr. Morgan:

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 January, February and March, 2013, 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 (Electronic submittal)

APR 15 2013

**CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS**

Southwest District

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	0.44	12244	322352	6602	0	341198	0	281017	0	281017	60181
FEBRUARY	1.62	20465	441263	3652	0	465380	0	348924	0	348924	116456
MARCH	0.50	16813	381066	4534	4500	406913	0	339690	0	339690	67223
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
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	2.56	49522	1144681	14788	4500	1213491	0	969631	0	969631	243860

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
3/1/13	Fri	0.00	187	8782	731	0	9700	0	11644		11644	
3/2/13	Sat	0.00	211	10022	280	0	10513	0	13988		13988	
3/3/13	Sun	0.00	282	7714	624	0	8620	0	15950		15950	
3/4/13	Mon	0.00	185	6871	331	0	7387	0	15640		15640	
3/5/13	Tue	0.00	33	9541	1048	0	10622	0	14456		14456	
3/6/13	Wed	0.01	99	11167	277	0	11543	0	14587		14587	
3/7/13	Thu	0.00	182	6611	663	4500	11956	0	12663		12663	
3/8/13	Fri	0.00	127	9412	244	0	9783	0	9650		9650	
3/9/13	Sat	0.00	19	2913	793	0	3725	0	10120		10120	
3/10/13	Sun	0.00	17	2581	287	0	2885	0	10244		10244	
3/11/13	Mon	0.00	457	6252	786	0	7495	0	8445		8445	
3/12/13	Tue	0.07	110	7	605	0	722	0	9456		9456	
3/13/13	Wed	0.01	136	18113	657	0	18906	0	8650		8650	
3/14/13	Thu	0.00	243	11896	758	0	12897	0	9260		9260	
3/15/13	Fri	0.00	202	15413	330	0	15945	0	9668		9668	
3/16/13	Sat	0.00	148	16305	724	0	17177	0	9580		9580	
3/17/13	Sun	0.04	18	13739	291	0	14048	0	10120		10120	
3/18/13	Mon	0.01	0	1183	252	0	1435	0	10222		10222	
3/19/13	Tue	0.01	27	5560	745	0	6332	0	9237		9237	
3/20/13	Wed	0.15	318	6048	595	0	6961	0	9540		9540	
3/21/13	Thu	0.07	177	38837	697	0	39711	0	10122		10122	
3/22/13	Fri	0.05	32	5238	283	0	5553	0	9999		9999	
3/23/13	Sat	0.03	4	43038	613	0	43655	0	11240		11240	
3/24/13	Sun	0.04	20	750	311	0	1081	0	11220		11220	
3/25/13	Mon	0.01	125	36179	694	0	36998	0	10120		10120	
3/26/13	Tue	0.00	231	5007	284	0	5522	0	9888		9888	
3/27/13	Wed	0.00	238	42543	672	0	43453	0	9120		9120	
3/28/13	Thu	0.00	187	3694	328	0	4209	0	8950		8950	
3/29/13	Fri	0.00	430	6988	755	0	8173	0	10111		10111	
3/30/13	Sat	0.00	89	7	280	0	376	0	14560		14560	
3/31/13	Sun	0.00	0	28655	875	0	29530	0	11240		11240	
TOTALS		0.50	4534	381066	16813	4500	406913	0	339690	0	339690	67223

PHASE 1, 1A, 2 & 3 TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

- 3/7/13- Cleaned and inspected north side(#2) storage tank, removed diffusers and cleaned and reinstalled. Took 3 loads(4500 gallons) to cell for disposal.
- 3/10/13- Cell 3 pumps out of service due to fire damage at control junction boxes and pump wiring.
- 3/13/13- Ran new wiring for Phase 3 primary leachate pump and transducer. Pump now running in auto again. Calculating flows with hour run time meter.

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PREPOSITION DATA CENTRAL LANDFILL

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
1/1/13	Tue	0.00	23	4792	333	0	5148	0	15284		15284	
1/2/13	Wed	0.00	39	22935	624	0	23598	0	14560		14560	
1/3/13	Thu	0.10	123	13299	161	0	13583	0	14890		14890	
1/4/13	Fri	0.07	150	14124	798	0	15072	0	13980		13980	
1/5/13	Sat	0.01	51	11292	0	0	11343	0	15320		15320	
1/6/13	Sun	0.03	44	11503	800	0	12347	0	11780		11780	
1/7/13	Mon	0.02	197	11038	608	0	11843	0	14690		14690	
1/8/13	Tue	0.00	186	10462	4	0	10652	0	13295		13295	
1/9/13	Wed	0.00	79	8953	769	0	9801	0	11849		11849	
1/10/13	Thu	0.00	13	10716	668	0	11397	0	10608		10608	
1/11/13	Fri	0.00	24	7790	0	0	7814	0	8856		8856	
1/12/13	Sat	0.00	29	7510	601	0	8140	0	10650		10650	
1/13/13	Sun	0.00	12	4676	575	0	5263	0	5840		5840	
1/14/13	Mon	0.01	14	2096	621	0	2731	0	8392		8392	
1/15/13	Tue	0.01	214	5426	583	0	6223	0	4428		4428	
1/16/13	Wed	0.06	53	2416	162	0	2631	0	5314		5314	
1/17/13	Thu	0.01	640	2505	354	0	3499	0	4428		4428	
1/18/13	Fri	0.00	844	5453	639	0	6936	0	4430		4430	
1/19/13	Sat	0.00	791	3892	329	0	5012	0	4428		4428	
1/20/13	Sun	0.00	1055	5713	464	0	7232	0	4650		4650	
1/21/13	Mon	0.00	559	7157	326	0	8042	0	4550		4550	
1/22/13	Tue	0.00	689	24387	800	0	25876	0	0		0	
1/23/13	Wed	0.00	189	16099	65	0	16353	0	0		0	
1/24/13	Thu	0.00	200	26063	60	0	26323	0	8520		8520	
1/25/13	Fri	0.01	158	9897	520	0	10575	0	8460		8460	
1/26/13	Sat	0.00	100	12479	182	0	12761	0	7960		7960	
1/27/13	Sun	0.01	32	11107	283	0	11422	0	7079		7079	
1/28/13	Mon	0.00	22	11714	0	0	11736	0	9076		9076	
1/29/13	Tue	0.01	30	11769	467	0	12266	0	9140		9140	
1/30/13	Wed	0.04	42	10727	8	0	10777	0	9065		9065	
1/31/13	Thu	0.05	0	14362	440	0	14802	0	11260		11260	
Unmetered effluent											8235	
TOTALS		0.44	6602	322352	12244	0	341198	0	272782	0	281017	60181

PHASE 1, 1A, 2 & 3 TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

1/18, 1/19 & 1/20 - Phase 3 cell secondary pump exceeded limit of 680 gpd possibly due to primary pumps level transducer malfunction

1/22/13- Phase 3 cell primary pump level transducer not reading correctly. Pumping cell down manually till transducer can be repaired or replaced.

1/22/13- Plant out of compliance for nitrates - recirculating batches.

1/24/13- Plant back in compliance for nitrates - discharging to ponds.

1/24/13- Installed new transducers in Phase III primary sumps and reset to automatic operation.

1/25/13- Transported 8235 gallons sludge to cell for disposal from SBR#4 cleaning. (Unmetered effluent)