

**SARASOTA COUNTY***"Dedicated to Quality Service"***Dept. of Environmental
Protection****JUL 07 2006****Southwest District**

July 5, 2006

Susan Pelz, P.E.
Florida Department of Environmental Protection
13051 N Telecom Parkway
Temple Terrace, Florida 33637-0926

Re: Central County Solid Waste Disposal Complex
Permit Number SO58-299180
Quarterly Leachate Balance Report

Dear Ms. Pelz:

Enclosed you will find the Quarterly Leachate Generation Report for the second quarter of 2006 submitted in accordance with Specific Condition 17.c.

Please contact me if you have any questions at (941) 650-2072.

Sincerely,

Don Shaulis
Solid Waste Operations

MONTHLY PRECIPITATION DATA AND LEACHATE BALANCE

MONTH	LANDFILL AREA (acres)	LANDFILL RAINFALL ¹ (inches)	RAINFALL IN STORAGE TANK ² (gallons)	LEACHATE PUMPED ³ CELL 1 (gallons)	LEACHATE PUMPED ³ CELL 2 (gallons)	LEACHATE PUMPED ³ CELL 3 (gallons)	LEACHATE PUMPED ⁴ CELL 4 (gallons)	LEACHATE PUMPED ⁴ CELL 5	TOTAL LEACHATE ⁴ (gallons)	LEACHATE REMOVED ⁵ (gallons)	LEACHATE BALANCE ⁶ (gallons)	CUMULATIVE STORAGE ⁷ (gallons)
January	48.00	0.45	2,202	29,730	36,490	44,330	59,420		172,172	195,100	-22,928	246,781
February	48.00	2.96	14,484	25,970	32,440	37,610	61,830		172,334	95,200	77,134	319,363
March	48.00	0.10	489	24,490	33,740	39,190	50,910		148,819	170,000	-21,181	275,814
April	48.00	0.13	636	19,230	37,650	37,500	40,450		148,819	170,000	-21,181	275,814
May	48.00	1.65	8,074	19,910	38,770	38,770	42,380		135,466	134,800	666	246,776
June	48.00	5.83	28,527	32,940	43,460	45,640	65,480	13,379,660	216,047	1,049,600	-833,553	653,243
July	48.00											
August	48.00											
September	48.00											
October	48.00											
November	48.00											
December	48.00											
Total												

Notes:

1. Total monthly precipitation recorded at the CCSWDC.
2. Rainfall falling into the leachate storage tank (13,275 square feet area) which is classified as leachate.
3. Based on flowmeter data, the amount of leachate pumped from the Class I landfill area to the storage tank.
4. Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill.
5. Quantity of leachate hauled away based on the number of tanker trucks and their capacity.
6. Total leachate added to the storage tank minus the quantity hauled during the month (monthly increase or decrease).
7. Cumulative storage read at the tank guage at the end of each month

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JUL 07 2005

SOUTHWEST DISTRICT
TAMPA

JUL 07 2006

SOUTHWEST DISTRICT
TAMPA

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

April 2006

DAILY PRECIPITATION DATA AND LEACHATE BALANCE

	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	TOTAL	LEACHATE	LEACHATE	LEACHATE	tank	CUMULATIVE
DATE	AREA	RAINFALL ¹	STORAGE TANK ²	CELL 1 PUMPED ³	CELL 2 PUMPED	CELL 3 PUMPED	CELL 4 PUMPED	MRF PUMPED	LEACHATE ⁴	REMOVED ⁵	REUSE ⁸	BALANCE ⁶	level	STORAGE ⁷
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00		0.00	490	450	1,080	1,380	0	3,400	0	0	3,400	4.75	275,809
2	48.00		0.00	0	0	0	0	0	0	0	0	0	4.75	275,809
3	48.00		0.00	1,790	3,880	2,750	3,230	0	11,650	0	0	11,650	5.00	290,325
4	48.00		0.00	230	710	1,140	1,340	0	3,420	0	0	3,420	5.00	290,325
5	48.00		0.00	620	1,450	1,220	1,510	0	4,800	0	0	4,800	5.00	290,325
6	48.00		0.00	780	1,430	1,270	1,550	0	5,030	0	0	5,030	5.00	290,325
7	48.00		0.00	680	1,370	1,060	1,160	0	4,270	0	0	4,270	5.00	290,325
8	48.00		0.00	970	1,520	1,450	1,730	0	5,670	0	0	5,670	5.00	290,325
9	48.00		0.00	0	0	-60	0	0	-60	0	0	-60	5.00	290,325
10	48.00	0.12	587.18	1,390	2,810	2,650	2,920	0	10,357	18,000	0	-7,643	5.50	319,358
11	48.00		0.00	580	680	1,190	1,420	0	3,870	6,800	0	-2,930	5.00	290,325
12	48.00		0.00	990	1,370	1,220	1,310	0	4,890	32,800	0	-27,910	4.50	261,293
13	48.00		0.00	560	1,360	1,290	1,500	0	4,710	45,300	0	-40,590	4.00	232,260
14	48.00		0.00	690	1,320	1,300	1,450	0	4,760	31,900	0	-27,140	3.50	203,228
15	48.00		0.00	640	1,340	1,270	1,440	0	4,690	0	0	4,690	3.50	203,228
16	48.00		0.00	0	0	0	0	0	0	0	0	0	3.50	203,228
17	48.00		0.00	1,500	2,790	2,840	2,780	0	9,910	0	0	9,910	3.50	203,228
18	48.00		0.00	970	0	1,160	1,570	0	3,700	0	0	3,700	3.75	217,744
19	48.00		0.00	310	2,640	1,140	1,360	0	5,450	0	0	5,450	3.75	217,744
20	48.00		0.00	620	720	1,370	1,440	0	4,150	0	0	4,150	3.75	217,744
21	48.00		0.00	1,050	1,460	1,250	960	0	4,720	0	0	4,720	3.75	217,744
22	48.00		0.00	400	1,510	1,500	1,720	0	5,130	0	0	5,130	4.00	232,260
23	48.00		0.00	0	0	0	0	0	0	0	0	0	4.00	232,260
24	48.00		0.00	1,110	2,190	2,650	2,760	0	8,710	0	0	8,710	4.00	232,260
25	48.00		0.00	620	1,480	1,200	1,390	0	4,690	0	0	4,690	4.00	232,260
26	48.00		0.00	590	1,470	1,450	1,380	0	4,890	0	0	4,890	4.25	246,776
27	48.00	0.01	48.93	670	1,500	1,430	1,420	0	5,069	0	0	5,069	4.25	246,776
28	48.00		0.00	560	750	1,170	1,290	0	3,770	0	0	3,770	4.25	246,776
29	48.00		0.00	420	1,450	1,510	440	0	3,820	0	0	3,820	4.25	246,776
30	48.00		0.00	0	0	0	0	0	0	0	0	0	0.00	0
31	48.00		0.00	0	0	0	0	0	0	0	0	0	0.00	0
TOTAL	-	0.13	636.11	19,230	37,650	37,500	40,450	0	135,466	134,800	0	666		

135,466

Notes:

1. Precipitation recorded at the CCSWDC weather station.
2. Rainfall falling into the leachate storage tank (13,275 square feet area) which is classified as leachate.
3. Based on flowmeter data, the amount of leachate pumped from the Class I landfill area to the storage tank - Also see table titled Leachate Balance For Each Cell.
4. Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill.
5. Quantity of leachate hauled away based on the flowmeter at the leachate storage tank plus what is used for reuse
6. Total leachate added to the storage tank minus the quantity hauled during a day (daily increase or decrease).
7. Quantity of leachate stored in the tank.

JUL 07 2006

SOUTHWEST DISTRICT
TAMPA

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

May 2006

DAILY PRECIPITATION DATA AND LEACHATE BALANCE

	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	TOTAL	LEACHATE	LEACHATE	LEACHATE	tank	CUMULATIVE
				CELL 1	CELL 2	CELL 3	CELL 4	MRF			REUSE ⁸			
DATE	AREA	RAINFALL ¹	STORAGE TANK ²	PUMPED ³	PUMPED	PUMPED	PUMPED	PUMPED	LEACHATE ⁴	REMOVED ⁵		BALANCE ⁶	level	STORAGE
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00		0.00	1,930	2,250	2,550	3,450	0	10,180	0	0	10,180	4.25	246,776
2	48.00		0.00	160	1,450	1,290	1,440	0	4,340	0	0	4,340	4.50	261,293
3	48.00		0.00	810	1,330	1,390	1,030	0	4,560	2,300	0	2,260	4.50	261,293
4	48.00		0.00	530	1,360	1,600	1,680	0	5,170	4,400	0	770	4.50	261,293
5	48.00		0.00	570	1,300	1,160	1,320	0	4,350	0	0	4,350	4.50	261,293
6	48.00		0.00	660	1,470	1,400	1,260	0	4,790	0	0	4,790	4.50	261,293
7	48.00		0.00	0	0	0	0	0	0	0	0	0	4.50	261,293
8	48.00		0.00	1,150	2,280	2,760	2,640	0	8,830	0	0	8,830	4.75	275,809
9	48.00	0.55	2,691.24	770	1,520	1,550	1,440	0	7,971	0	0	7,971	4.75	275,809
10	48.00		0.00	570	730	1,360	1,280	0	3,940	6,900	0	-2,960	4.75	275,809
11	48.00		0.00	540	1,500	1,260	1,310	0	4,610	20,900	0	-16,290	4.50	261,293
12	48.00	0.04	195.73	730	730	1,380	1,320	0	4,356	18,000	0	-13,644	4.25	246,776
13	48.00		0.00	440	1,520	1,330	1,080	0	4,370	0	0	4,370	4.25	246,776
14	48.00		0.00	0	0	0	0	0	0	0	0	0	4.25	246,776
15	48.00	0.02	97.86	1,140	2,260	2,880	2,620	0	8,998	4,400	0	4,598	4.25	246,776
16	48.00	0.78	3,816.67	800	1,520	1,620	1,380	0	9,137	2,300	0	6,837	4.50	261,293
17	48.00	0.25	1,223.29	370	1,440	1,210	1,260	0	5,503	0	0	5,503	4.50	261,293
18	48.00		0.00	990	730	1,390	1,420	0	4,530	0	0	4,530	4.50	261,293
19	48.00		0.00	770	1,500	1,350	1,410	0	5,030	0	0	5,030	4.50	261,293
20	48.00		0.00	680	740	1,220	1,170	0	3,810	0	0	3,810	4.75	275,809
21	48.00		0.00	0	0	0	0	0	0	0	0	0	4.75	275,809
22	48.00		0.00	890	2,970	2,850	2,930	0	9,640	7,000	0	2,640	4.75	275,809
23	48.00		0.00	1,070	680	1,510	1,250	0	4,510	0	0	4,510	4.75	275,809
24	48.00	0.01	48.93	120	1,410	1,160	1,250	0	3,989	0	0	3,989	4.75	275,809
25	48.00		0.00	840	1,460	1,440	1,390	0	5,130	2,900	0	2,230	4.75	275,809
26	48.00		0.00	550	710	1,220	890	0	3,370	0	0	3,370	5.00	290,325
27	48.00		0.00	530	750	1,430	1,180	0	3,890	0	0	3,890	5.00	290,325
28	48.00		0.00	0	0	0	0	0	0	0	0	0	5.00	290,325
29	48.00		0.00	1,100	2,230	2,600	2,530	0	8,460	0	0	8,460	5.00	290,325
30	48.00		0.00	1,130	2,220	1,490	1,650	0	6,490	0	0	6,490	5.00	290,325
31	48.00		0.00	70	710	1,260	800	0	2,840	8,800	0	-5,960	5.25	304,847
TOTAL	-	1.65	8,073.73	19,910	38,770	43,660	42,380	0	152,794	77,900	0	74,894		

152,794

Notes:

1. Precipitation recorded at the CCSWDC weather station.
2. Rainfall falling into the leachate storage tank (13,275 square feet area) which is classified as leachate.
3. Based on flowmeter data, the amount of leachate pumped from the Class I landfill area to the storage tank - Also see table titled Leachate Balance For Each Cell.
4. Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill.
5. Quantity of leachate hauled away based on the flowmeter at the leachate storage tank plus what is used for reuse.
6. Total leachate added to the storage tank minus the quantity hauled during a day (daily increase or decrease).
7. Quantity of leachate stored in the tank.

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

June 2006

DAILY PRECIPITATION DATA AND LEACHATE BALANCE

	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	TOTAL	LEACHATE	LEACHATE	LEACHATE	tank	CUMULATIVE
DATE	AREA	RAINFALL ¹	STORAGE TANK ²	CELL 1 PUMPED ³	CELL 2 PUMPED	CELL 3 PUMPED	CELL 4 PUMPED	CELL 5 PUMPED	MRF PUMPED	LEACHATE ⁴	REMOVED ⁵	REUSE ⁸	BALANCE ⁶	level	STORAGE ⁷
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00		0.00	790	1,450	1,540	1,630	0	0	5,410	0	0	5,410	5.00	290,325
2	48.00	0.38	1,859.40	790	750	1,410	730	0	0	5,539	0	0	5,539	5.25	304,841
3	48.00		0.00	440	1,480	1,390	640	0	0	3,950	0	0	3,950	5.25	304,841
4	48.00		0.00	0	0	0	0	0	0	0	0	0	0	5.25	304,841
5	48.00	0.19	929.70	820	2,170	2,660	1,130	0	0	7,710	0	0	7,710	5.25	304,841
6	48.00		0.00	940	1,550	1,430	2,160	0	0	6,080	0	0	6,080	5.50	319,358
7	48.00		0.00	330	1,500	1,270	1,290	0	0	4,390	0	0	4,390	5.50	319,358
8	48.00		0.00	500	730	1,330	1,190	950	0	3,750	18,800	0	-15,050	5.50	319,358
9	48.00		0.00	880	740	1,430	1,200	9,400	0	4,250	15,800	0	-11,550	5.25	304,841
10	48.00		0.00	680	1,530	1,590	1,240	14,440	0	5,040	0	0	5,040	5.25	304,841
11	48.00		0.00	0	0	0	0	97,440	0	0	0	0	0	5.25	304,841
12	48.00	2.61	12,771.17	1,100	3,660	3,160	2,680	280,450	8,300	23,371	0	0	23,371	7.00	406,455
13	48.00	0.96	4,697.44	1,830	2,050	1,810	0	367,070	3,700	10,387	13,800	0	-3,413	10.00	580,650
14	48.00		0.00	1,910	1,290	1,800	2,380	555,180	0	7,380	27,600	0	-20,220	10.50	609,683
15	48.00		0.00	2,090	2,110	1,730	7,060	710,020	0	12,990	29,600	0	-16,610	13.00	754,845
16	48.00		0.00	1,420	1,450	1,440	950	838,820	0	5,260	47,000	0	-41,740	14.25	827,426
17	48.00		0.00	1,740	1,430	1,780	3,450	0	0	8,400	0	0	8,400	14.25	827,426
18	48.00		0.00	0	0	0	0	868,760	0	0	0	0	0	14.25	827,426
19	48.00	0.14	685.04	2,620	2,950	3,090	0	885,890	0	9,345	115,400	0	-106,055	15.00	870,975
20	48.00	0.03	146.80	1,180	1,510	1,580	0	0	0	4,417	93,500	0	-89,083	14.00	812,910
21	48.00		0.00	1,550	1,460	1,550	4,260	899,570	0	8,820	0	0	8,820	11.75	682,264
22	48.00	0.12	587.18	740	1,480	1,340	3,160	910,150	0	7,307	252,700	0	-245,393	10.50	609,683
23	48.00		0.00	1,370	1,500	1,450	3,030	918,800	0	7,350	52,500	0	-45,150	10.00	580,650
24	48.00		0.00	730	1,490	1,420	2,280	927,580	0	5,920	31,500	0	-25,580	9.50	551,618
25	48.00		0.00	0	0	0	0	0	0	0	0	0	0	9.50	551,618
26	48.00	1.40	6,850.43	2,150	3,460	3,410	5,000	972,560	0	20,870	0	0	20,870	10.50	609,683
27	48.00		0.00	1,710	1,450	1,540	6,760	118,400	3,700	11,460	36,100	0	-24,640	13.25	769,361
28	48.00		0.00	1,890	1,520	1,430	4,480	1,306,980	0	9,320	94,200	0	-84,880	13.75	798,394
29	48.00		0.00	1,520	1,370	1,540	4,200	1,338,350	0	8,630	111,100	0	-102,470	12.50	725,813
30	48.00		0.00	1,220	1,380	1,520	4,580	1,358,850	0	8,700	110,000	0	-101,300	11.25	653,231
31	48.00		0.00	0	0	0	0	0	0	0	0	0	0	11.25	653,243
TOTAL	-	5.83	28,527.16	32,940	43,460	45,640	65,480	13,379,660	15,700	216,047	1,049,600	0	-833,553		

216,047

Notes:

1. Precipitation recorded at the CCSWDC weather station.
2. Rainfall falling into the leachate storage tank (13,275 square feet area) which is classified as leachate.
3. Based on flowmeter data, the amount of leachate pumped from the Class I landfill area to the storage tank - Also see table titled Leachate Balance For Each Cell.
4. Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill.
5. Quantity of leachate hauled away based on the flowmeter at the leachate storage tank plus what is used for reuse
6. Total leachate added to the storage tank minus the quantity hauled during a day (daily increase or decrease).
7. Quantity of leachate stored in the tank.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 07 2006
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TAMPA