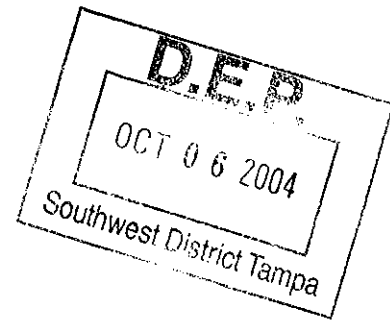




SARASOTA COUNTY
"Dedicated to Quality Service"



October 4, 2004

Susan J. Pelz, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

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 third quarter of 2004 submitted in accordance with Specific Condition 17.c.

Please contact me if you have any questions at (941) 861-1577.

Sincerely,

Don Shaulis
Solid Waste Operations

**CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX
SARASOTA COUNTY
2004 ANNUAL SUMMARY**

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)	TOTAL LEACHATE ⁴ (gallons)	LEACHATE REMOVED ⁵ (gallons)	LEACHATE BALANCE ⁶ (gallons)	CUMULATIVE STORAGE ⁷ (gallons)
January	48.00	1.75	8,563	38,180	40,620	30,530	229,070	346,963	587,000	-240,037	319,363
February	48.00	0.00	0	58,960	39,220	31,320	238,950	368,450	175,500	192,950	551,618
March	48.00	0.77	3,768	50,030	44,580	32,780	216,480	347,738	570,300	-222,562	333,880
April	48.00	4.89	23,928	30,650	33,730	26,960	125,610	216,950	198,000	18,950	362,913
May	48.00	0.95	4,649	37,430	42,750	31,380	199,270	310,830	375,000	-64,170	290,330
June	48.00	6.81	33,322	50,010	49,200	30,540	267,020	430,092	350,500	79,592	391,946
July	48.00	0.00	0	109,600	57,790	31,310	677,320	876,020	588,800	288,220	769,375
August	48.00	0.00	0	214,910	103,060	39,040	1,178,060	1,535,070	1,916,500	-381,430	580,660
September	48.00	5.27	25,787	151,500	71,360	51,630	795,410	1,095,687	1,112,800	-14,113	609,683
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

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

July 2004

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						
DATE	AREA	RAINFALL ¹	STORAGE TANK ²	PUMPED ³	PUMPED	PUMPED	PUMPED	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	0.20	978.63	1,220	1,390	940	4,240	0	8,769	78,800		-70,031	5.50	319,358
2	48.00	0.05	244.66	1,200	1,550	1,110	4,770	0	8,875	19,800		-10,925	5.25	304,841
3	48.00	0.00	0.00	1,220	1,220	920	4,320	0	7,680	0		7,680	5.25	304,841
4	48.00	0.19	929.70	0	0	0	0	0	930	0		930	5.25	304,841
5	48.00	0.02	97.86	1,640	2,670	1,920	5,230	0	11,558	0		11,558	5.50	319,358
6	48.00	0.00	0.00	1,510	1,510	850	6,410	2,700	10,280	17,900		-7,620	5.50	319,358
7	48.00	0.15	733.98	1,030	1,090	890	3,500	0	7,244	12,000		-4,756	5.50	319,358
8	48.00	0.00	0.00	990	1,430	1,030	3,750	0	7,200	30,000		-22,800	5.50	319,358
9	48.00	0.00	0.00	960	1,020	-9,180	3,140	100	-4,060	12,000		-16,060	5.25	304,841
10	48.00	0.00	0.00	1,190	1,520	11,470	3,460	0	17,640	0		17,640	5.00	290,325
11	48.00	0.49	2,397.65	0	0	0	0	0	2,398	0		2,398	5.00	290,325
12	48.00	0.00	0.00	2,010	2,520	1,700	6,110	0	12,340	0		12,340	5.25	304,841
13	48.00	0.00	0.00	1,130	1,050	0	3,620	0	5,800	0		5,800	5.50	319,358
14	48.00	0.00	0.00	790	1,250	0	3,020	0	5,060	15,600		-10,540	5.25	304,841
15	48.00	0.00	0.00	1,370	1,280	0	3,130	0	5,780	43,400		-37,620	4.50	261,293
16	48.00	0.17	831.84	730	1,000	0	3,020	0	5,582	24,300		-18,718	4.25	246,776
17	48.00	0.00	0.00	730	1,030	0	2,670	0	4,430	4,000		430	4.25	246,776
18	48.00	0.28	1,370.09	0	0	0	0	0	1,370	0		1,370	4.25	246,776
19	48.00	0.98	4,795.30	2,660	2,920	0	8,570	6,600	18,945	0		18,945	4.25	246,776
20	48.00	1.85	9,052.36	3,720	1,630	0	19,150	2,500	33,552	0		33,552	5.00	290,325
21	48.00	0.28	1,370.09	22,570	5,080	4,970	166,870	26,600	200,860	30,100		170,760	8.75	508,069
22	48.00	0.00	0.00	0	0	0	0	0	0	0		0	8.75	508,069
23	48.00	0.00	0.00	8,800	2,950	2,770	66,700	0	81,220	24,200		57,020	9.75	566,134
24	48.00	0.00	0.00	5,570	2,440	1,840	42,570	0	52,420	12,800		39,620	10.25	595,166
25	48.00	0.00	0.00	0	0	0	0	0	0	0		0	10.25	595,166
26	48.00	0.16	782.91	7,160	4,960	2,970	62,140	0	78,013	20,500		57,513	11.50	667,748
27	48.00	0.01	48.93	6,950	3,090	1,650	51,320	2,600	63,059	79,600		-16,541	11.25	653,231
28	48.00	1.08	5,284.62	6,510	2,510	1,270	35,670	0	51,245	24,200		27,045	11.25	653,231
29	48.00	0.00	0.00	11,810	4,050	1,600	75,770	18,100	93,230	66,700		26,530	12.50	725,813
30	48.00	0.01	48.93	9,060	3,140	1,170	46,270	100	59,689	23,700		35,989	13.25	769,361
31	48.00	0.40	1,957.27	7,070	3,490	1,420	41,900	0	55,837	48,200		7,637	13.25	769,375
TOTAL	-	6.32	30,924.81	109,600	57,790	31,310	677,320	59,300	906,945	587,800	0	319,145		

906,945

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.
8. Leachate reused for dust control in landfill.

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

**August 2004
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 ⁷
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00	0.07	342.52	0	0	0	0	0	343	0		343	13.25	769,361
2	48.00	0.90	4,403.85	16,910	8,200	2,990	70,580	20,600	103,084	72,700		30,384	14.25	827,426
3	48.00	0.30	1,467.95	13,180	4,150	1,320	68,600	2,100	88,718	80,000		8,718	14.50	841,943
4	48.00	1.31	6,410.05	13,180	5,060	1,660	57,340	7,700	83,650	127,300		-43,650	14.00	812,910
5	48.00	0.40	1,957.27	16,010	5,160	1,530	58,930	4,800	83,587	98,200		-14,613	14.00	812,910
6	48.00	0.22	1,076.50	17,720	5,940	1,700	70,500	0	96,936	96,500		436	14.25	827,426
7	48.00	0.14	685.04	11,700	5,370	1,640	63,260	0	82,655	54,100		28,555	15.00	870,975
8	48.00	0.35	1,712.61	0	0	0	0	0	1,713	0		1,713	15.00	870,975
9	48.00	0.01	48.93	18,570	9,590	3,190	107,160	2,600	138,559	84,900		53,659	16.00	929,040
10	48.00	0.00	0.00	7,220	4,030	1,460	45,260	0	57,970	137,000		-79,030	14.75	856,459
11	48.00	0.00	0.00	6,110	3,760	1,490	41,690	0	53,050	176,000		-122,950	12.75	740,329
12	48.00	0.00	0.00	5,200	3,380	1,450	35,560	0	45,590	126,000		-80,410	12.75	740,329
13	48.00	1.33	6,507.91	11,250	6,230	2,980	68,090	4,100	95,058	66,000		29,058	12.00	696,780
14	48.00	0.64	3,131.63	0	0	0	0	0	3,132	0		3,132	12.00	696,780
15	48.00	0.00	0.00	0	0	0	0	0	0	0		0	12.00	696,780
16	48.00	0.00	0.00	21,520	8,030	3,200	115,490	5,000	148,240	150,600		-2,360	12.50	725,813
17	48.00	0.00	0.00	6,930	3,780	1,600	43,700	0	56,010	108,400		-52,390	11.50	667,748
18	48.00	0.15	733.98	5,230	2,810	1,510	45,470	0	55,754	132,500		-76,746	10.25	595,166
19	48.00	0.18	880.77	4,650	2,970	1,540	37,990	0	48,031	120,500		-72,469	9.00	522,585
20	48.00	0.01	48.93	1,260	420	1,470	5,990	0	9,189	113,000		-103,811	7.50	435,488
21	48.00	0.00	0.00	5,280	3,720	1,200	39,800	0	50,000	66,000		-16,000	7.25	420,971
22	48.00	0.01	48.93	0	0	0	0	0	49	0		49	7.25	420,971
23	48.00	0.19	929.70	6,330	4,620	2,740	38,660	0	53,280	12,000		41,280	8.00	464,520
24	48.00	0.19	929.70	2,990	2,320	600	16,970	0	23,810	18,000		5,810	8.00	464,520
25	48.00	0.41	2,006.20	2,340	1,520	1,760	13,440	0	21,066	6,000		15,066	8.25	479,036
26	48.00	0.01	48.93	590	2,090	1,290	1,940	0	5,959	0		5,959	8.25	479,036
27	48.00	0.74	3,620.94	4,850	2,310	690	20,450	7,100	31,921	12,100		19,821	8.75	508,069
28	48.00	0.00	0.00	3,720	1,830	10	27,400	1,300	32,960	24,000		8,960	9.00	522,585
29	48.00	0.00	0.00	0	0	0	0	0	0	0		0	9.00	522,585
30	48.00	0.00	0.00	8,850	3,730	0	61,950	0	74,530	11,900		62,630	10.00	580,650
31	48.00	0.84	4,110.26	3,320	2,040	20	21,840	0	31,330	22,800		8,530	10.00	580,660
TOTAL	-	8.40	41,102.60	214,910	103,060	39,040	1,178,060	55,300	1,576,173	1,916,500	0	-340,327		

1,576,173

Notes:

- Precipitation recorded at the CCSWDC weather station.
- Rainfall falling into the leachate storage tank (13,275 square feet area) which is classified as leachate.
- 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.
- Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill.
- Quantity of leachate hauled away based on the flowmeter at the leachate storage tank plus what is used for reuse
- Total leachate added to the storage tank minus the quantity hauled during a day (daily increase or decrease).
- Quantity of leachate stored in the tank.
- Leachate reused for dust control in landfill.

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

September 2004

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 ⁷
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00	0.02	97.86	1,060	2,640	0	29,250	3,000	36,048	49,700		-13,652	10.00	580,650
2	48.00	0.00	0.00	11,140	2,080	0	31,220	0	44,440	100,100		-55,660	9.50	551,618
3	48.00	0.00	0.00	5,310	2,260	6,580	27,370	0	41,520	151,400		-109,880	7.50	435,488
4	48.00	0.09	440.39	3,640	1,560	3,010	19,160	0	27,810	60,200		-32,390	7.00	406,455
5	48.00	1.37	6,703.64	0	0	0	0	0	6,704	0		6,704	7.00	406,455
6	48.00	0.65	3,180.56	0	0	0	0	0	3,181	0		3,181	7.00	406,455
7	48.00	0.09	440.39	29,180	9,240	8,090	99,590	0	146,540	24,000		122,540	9.00	522,585
8	48.00	0.01	48.93	10,390	3,550	2,221	45,620	0	61,830	45,900		15,930	9.50	551,618
9	48.00	0.87	4,257.06	7,710	3,890	2,119	37,640	0	55,616	33,100		22,516	9.75	566,134
10	48.00	0.01	48.93	7,700	3,930	2,200	13,200	0	27,079	71,800		-44,721	9.00	522,585
11	48.00	0.01	48.93	11,600	3,930	1,770	90,700	0	108,049	120,000		-11,951	9.00	522,585
12	48.00	0.00	0.00	0	0	0	0	0	0	0		0	9.00	522,585
13	48.00	0.00	0.00	12,990	6,190	3,450	113,240	0	135,870	66,100		69,770	10.25	595,166
14	48.00	0.00	0.00	4,590	2,550	1,560	36,950	0	45,650	89,900		-44,250	10.25	595,166
15	48.00	0.02	97.86	4,220	2,500	1,470	29,720	0	38,008	60,900		-22,892	9.50	551,618
16	48.00	0.07	342.52	3,680	2,340	1,460	23,780	0	31,603	53,100		-21,497	8.75	508,069
17	48.00	0.00	0.00	3,070	2,130	1,340	18,900	0	25,440	12,300		13,140	9.00	522,585
18	48.00	0.00	0.00	3,320	1,830	1,420	16,070	0	22,640	29,900		-7,260	9.00	522,585
19	48.00	0.00	0.00	0	0	0	0	0	0	0		0	9.00	522,585
20	48.00	0.04	195.73	4,930	3,370	2,470	24,200	0	35,166	36,300		-1,134	9.00	522,585
21	48.00	0.63	3,082.70	2,330	1,690	1,290	9,990	0	18,383	24,000		-5,617	8.75	508,069
22	48.00	0.00	0.00	1,850	1,990	1,230	10,360	0	15,430	24,100		-8,670	8.50	493,553
23	48.00	0.00	0.00	2,410	1,450	1,230	9,660	0	14,750	12,000		2,750	8.75	508,069
24	48.00	0.00	0.00	2,160	1,730	1,180	8,090	0	13,160	0		13,160	8.75	508,069
25	48.00	0.03	146.80	2,100	1,500	1,230	7,860	0	12,837	29,400		-16,563	8.50	493,553
26	48.00	0.14	685.04	0	0	0	0	0	685	0		685	8.50	493,553
27	48.00	1.21	5,920.73	6,240	3,500	2,610	25,510	1,300	43,781	6,600		37,181	9.00	522,585
28	48.00	0.01	48.93	3,890	2,000	1,270	25,740	0	32,949	0		32,949	9.75	566,134
29	48.00	0.00	0.00	3,170	1,760	1,210	23,230	0	29,370	0		29,370	9.75	566,134
30	48.00	0.00	0.00	2,820	1,750	1,220	18,360	11,300,000	24,150	12,000		12,150	10.50	609,683
31	48.00		0.00	0	0	0	0	0	0	0		0	10.50	609,693
TOTAL	-	5.27	25,786.99	151,500	71,360	51,630	795,410	11,304,300	1,098,687	1,112,800	0	-14,113		

1,095,687

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.
8. Leachate reused for dust control in landfill.