



SARASOTA COUNTY

"Dedicated to Quality Service"

LR 188494



October 7, 2005

Susan 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 2005 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

2005 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	2.35	11,499	70,740	32,090	41,490	611,180	755,500	773,400	-17,900	1,088,738
February	48.00	3.82	18,692	50,690	30,950	34,530	149,880	266,050	1,259,200	974,458	203,228
March	48.00	4.17	20,405	144,960	62,150	35,140	753,730	1,016,385	624,800	391,585	624,210
April	48.00	2.60	12,722	46,510	46,390	33,610	166,600	293,110	426,700	-133,590	493,561
May	48.00	1.89	9,248	44,310	35,680	40,790	123,250	252,887	223,700	29,187	159,682
June	48.00	16.01	78,340	219,030	86,010	42,420	2,788,690	3,230,290	2,404,000	826,290	1,437,134
July	48.00	8.43	41,249	175,560	80,000	43,890	1,098,900	1,400,750	2,693,100	-1,292,350	319,363
August	48.00	1.91	9,346	67,820	47,070	43,950	266,770	428,910	607,600	-181,990	145,165
September	48.00	1.81	8,857	44,310	35,680	40,790	123,250	260,787	223,700	29,187	159,679
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 gauge at the end of each month

SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

July 2005

DAILY PRECIPITATION DATA AND LEACHATE BALANCE

RECEIVED
OCT 11 2005
 Department of Environmental Protection
 SOUTHWEST DISTRICT
 BY

DATE	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	TOTAL	LEACHATE	LEACHATE	LEACHATE	tank	CUMULATIVE
	AREA	RAINFALL ¹	STORAGE TANK ²	CELL 1	CELL 2	CELL 3	CELL 4	MRF	LEACHATE ⁴	REMOVED ⁵	REUSE ⁸	BALANCE ⁶		
	(acres)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(feet)	(gallons)
1	48.00	0.01	48.93	15,320	3,510	1,220	130,940	2,400	153,439	88,800		64,639	26.00	1,509,690
2	48.00	0.33	1,614.75	9,830	4,120	1,740	93,350	0	110,655	97,600		13,055	26.25	1,524,206
3	48.00	0.00	0.00	0	0	0	0	0	0	0		0	26.25	1,524,206
4	48.00	0.00	0.00	0	0	0	0	0	0	0		0	26.25	1,524,206
5	48.00	0.00	0.00	18,500	9,230	4,110	0	0	31,840	197,700		-165,860	23.50	1,364,528
6	48.00	0.00	0.00	4,560	2,050	1,500	57,300	0	65,410	143,000		-77,590	22.25	1,291,946
7	48.00	0.00	0.00	3,690	1,150	1,320	138,660	0	144,820	236,500		-91,680	21.00	1,219,365
8	48.00	0.93	4,550.65	3,010	2,160	1,310	69,020	0	80,051	250,400		-170,349	18.25	1,059,686
9	48.00	1.59	7,780.14	5,400	3,780	1,890	54,770	4,800	73,620	191,000		-117,380	16.50	958,073
10	48.00	0.14	685.04	0	0	0	0	0	685	0		685	16.50	958,073
11	48.00	0.00	0.00	26,830	7,610	2,580	106,500	3,600	143,520	89,700		53,820	17.50	1,016,138
12	48.00	0.00	0.00	7,680	2,790	1,290	37,370	0	49,130	130,300		-81,170	16.00	929,040
13	48.00	0.22	1,076.50	6,630	2,800	1,510	36,300	0	48,316	175,500		-127,184	13.50	783,878
14	48.00	0.21	1,027.57	5,120	3,490	1,470	30,750	0	41,858	242,100		-200,242	11.00	638,715
15	48.00	0.88	4,305.99	4,950	2,930	1,480	30,540	1,800	44,206	181,500		-137,294	8.75	508,069
16	48.00	0.08	391.45	6,160	2,610	1,410	29,010	0	39,581	94,400		-54,819	8.00	464,520
17	48.00	0.30	1,467.95	0	0	0	0	0	1,468	0		1,468	8.00	464,520
18	48.00	0.00	0.00	1,610	5,830	2,980	5,920	0	16,340	99,000		-82,660	6.50	377,423
19	48.00	0.14	685.04	12,510	2,880	1,500	65,210	2,700	82,785	118,900		-36,115	6.00	348,390
20	48.00	0.01	48.93	5,120	2,440	1,510	29,050	0	38,169	134,600		-96,431	4.75	275,809
21	48.00	0.66	3,229.49	4,080	1,930	1,450	23,490	0	34,179	22,600		11,579	4.75	275,809
22	48.00	0.60	2,935.90	3,610	2,510	1,460	20,410	0	30,926	32,000		-1,074	4.75	275,809
23	48.00	0.01	48.93	4,270	2,100	1,470	21,760	0	29,649	59,900		-30,251	4.25	246,776
24	48.00	0.01	48.93	0	0	0	0	0	49	0		49	4.25	246,776
25	48.00	0.01	48.93	8,370	4,200	3,010	42,080	0	57,709	38,100		19,609	4.50	261,293
26	48.00	1.81	8,856.63	3,760	2,620	1,540	17,650	0	34,427	36,100		-1,673	4.50	261,293
27	48.00	0.00	0.00	3,960	2,170	1,620	16,790	0	24,540	9,400		15,140	4.75	275,809
28	48.00	0.49	2,397.65	3,910	1,780	1,540	15,380	0	25,008	0		25,008	5.00	290,325
29	48.00	0.00	0.00	3,570	1,630	1,490	13,920	0	20,610	0		20,610	5.00	290,325
30	48.00	0.00	0.00	3,110	1,680	1,490	12,730	0	19,010	24,000		-4,990	5.50	319,358
31	48.00	0.00	0.00	0	0	0	0	0	0	0		0	5.50	319,363
TOTAL	-	8.43	41,249.40	175,560	80,000	43,890	1,098,900	15,300	1,441,999	2,693,100	0	-1,251,101		

1,439,599

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

Aug 2005

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	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	0.00	0.00	5,720	3,560	3,020	23,110	0	35,410	44,100		-8,690	5.50	319,358
2	48.00	0.00	0.00	120	2,640	1,590	10,580	0	14,930	45,500		-30,570	5.50	319,358
3	48.00	0.00	0.00	4,610	900	1,570	9,470	0	16,550	45,500		-28,950	4.25	246,776
4	48.00	0.00	0.00	2,390	1,940	1,460	8,280	0	14,070	32,500		-18,430	4.00	232,260
5	48.00	0.03	146.80	2,190	950	1,340	7,520	0	12,147	39,000		-26,853	3.50	203,228
6	48.00	0.00	0.00	1,980	1,870	1,470	6,960	0	12,280	13,000		-720	3.50	203,228
7	48.00	0.12	587.18	0	0	0	0	0	587	0		587	3.50	203,228
8	48.00	0.01	48.93	4,240	2,860	3,010	13,810	0	23,969	27,400		-3,431	3.50	203,228
9	48.00	0.14	685.04	1,630	1,970	1,240	6,240	0	11,765	11,600		165	3.50	203,228
10	48.00	0.00	0.00	3,690	2,060	2,690	10,580	0	19,020	26,000		-6,980	3.25	188,711
11	48.00	0.00	0.00	0	0	0	0	0	0	0		0	3.25	188,711
12	48.00	0.26	1,272.22	1,920	1,310	490	2,670	0	7,662	0		7,662	3.50	203,228
13	48.00	0.00	0.00	1,490	1,590	2,110	7,370	0	12,560	0		12,560	3.75	217,744
14	48.00	0.19	929.70	0	0	0	0	0	930	0		930	3.75	217,744
15	48.00	0.00	0.00	3,050	3,020	2,690	9,070	0	17,830	76,700		-58,870	2.75	159,679
16	48.00	0.11	538.25	1,550	1,070	1,330	4,440	0	8,928	35,700		-26,772	2.25	130,646
17	48.00	0.08	391.45	1,840	2,060	1,430	4,600	0	10,321	19,500		-9,179	2.00	116,130
18	48.00	0.01	48.93	1,130	1,000	1,210	3,760	0	7,149	13,000		-5,851	2.00	116,130
19	48.00	0.00	0.00	1,840	1,080	1,480	4,100	0	8,500	8,500		0	2.00	116,130
20	48.00	0.00	0.00	1,140	1,120	1,150	3,260	0	6,670	0		6,670	2.00	116,130
21	48.00	0.10	489.32	0	0	0	0	0	489	0		489	2.00	116,130
22	48.00	0.02	97.86	1,890	1,770	2,770	3,780	0	10,308	0		10,308	2.50	145,163
23	48.00	0.00	0.00	2,110	2,380	1,070	6,000	0	11,560	0		11,560	2.50	145,163
24	48.00	0.03	146.80	3,310	2,480	1,660	21,170	3,300	28,767	13,000		15,767	3.00	174,195
25	48.00	0.01	48.93	2,720	820	1,280	19,960	0	24,829	13,000		11,829	3.25	188,711
26	48.00	0.00	0.00	2,960	1,620	1,230	17,070	0	22,880	0		22,880	3.50	203,228
27	48.00	0.80	3,914.53	3,340	960	1,350	14,610	0	24,175	68,100		-43,925	2.75	159,679
28	48.00	0.00	0.00	0	0	0	0	0	0	0		0	2.75	159,679
29	48.00	0.00	0.00	5,800	3,290	2,680	26,600	0	38,370	58,000		-19,630	2.50	145,163
30	48.00	0.00	0.00	2,900	1,860	1,330	11,730	0	17,820	0		17,820	2.75	159,679
31	48.00	0.00	0.00	2,260	890	1,300	10,030	0	14,480	26,000		-11,520	2.50	145,165
TOTAL	-	1.91	9,345.95	67,820	47,070	43,950	266,770	3,300	434,956	607,600	0	-172,644		

438,256

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.

Sept 2005
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	CELL 2	CELL 3	CELL 4	MRF	LEACHATE ⁴	REMOVED ⁵	REUSE ⁸	BALANCE ⁶	level	STORAGE ⁷
	(acres)	(inches)	(gallons)	PUMPED ³	PUMPED	PUMPED	PUMPED	PUMPED	(gallons)	(gallons)		(gallons)	(feet)	(gallons)
1	48.00	0.05	244.66	2,050	1,890	1,250	8,500	0	13,935	13,000		935	2.50	145,163
2	48.00	0.01	48.93	2,330	890	1,430	8,450	0	13,149	0		13,149	2.75	159,679
3	48.00	0.00	0.00	2,130	1,830	1,220	7,330	0	12,510	0		12,510	3.00	174,195
4	48.00	0.00	0.00	0	0	0	0	0	0	0		0	3.00	174,195
5	48.00	0.00	0.00	3,950	1,860	2,510	12,020	0	20,340	0		20,340	3.25	188,711
6	48.00	0.00	0.00	1,710	1,870	1,410	5,620	0	10,610	32,500		-21,890	3.00	174,195
7	48.00	0.02	97.86	1,520	880	1,410	5,080	0	8,988	6,500		2,488	3.00	174,195
8	48.00	0.00	0.00	1,550	980	1,270	4,370	0	8,170	0		8,170	3.00	174,195
9	48.00	0.00	0.00	1,800	1,860	1,450	4,730	0	9,840	0		9,840	3.25	188,711
10	48.00	0.00	0.00	1,450	1,000	1,350	4,460	0	8,260	0		8,260	3.25	188,711
11	48.00	0.00	0.00	0	0	0	0	0	0	0		0	3.25	188,711
12	48.00	0.00	0.00	2,760	1,940	2,730	8,080	0	15,510	0		15,510	3.50	203,228
13	48.00	0.00	0.00	1,340	1,040	1,410	3,760	0	7,550	29,400		-21,850	3.25	188,711
14	48.00	0.00	0.00	1,350	960	1,410	3,540	0	7,260	9,600		-2,340	3.00	174,195
15	48.00	0.00	0.00	1,590	1,960	1,440	3,670	0	8,660	32,500		-23,840	2.75	159,679
16	48.00	0.00	0.00	1,010	1,030	1,290	2,940	0	6,270	6,400		-130	2.75	159,679
17	48.00	0.00	0.00	1,520	910	1,450	3,520	0	7,400	0		7,400	2.75	159,679
18	48.00	0.00	0.00	0	0	0	0	0	0	0		0	2.75	159,679
19	48.00	0.00	0.00	2,780	2,010	2,920	3,550	0	11,260	0		11,260	3.00	174,195
20	48.00	0.00	0.00	1,340	1,010	1,330	5,370	0	9,050	0		9,050	3.00	174,195
21	48.00	0.23	1,125.43	1,220	1,850	1,420	3,350	0	8,965	26,000		-17,035	2.75	159,679
22	48.00	0.13	636.11	1,320	1,010	870	3,120	0	6,956	0		6,956	3.00	174,195
23	48.00	0.00	0.00	1,040	1,020	2,070	2,700	0	6,830	0		6,830	3.00	174,195
24	48.00	0.00	0.00	1,230	1,070	1,330	2,940	0	6,570	0		6,570	3.25	188,711
25	48.00	0.00	0.00	0	0	0	0	0	0	0		0	3.25	188,711
26	48.00	0.11	538.25	2,390	2,050	2,750	5,430	0	13,158	26,100		-12,942	3.00	174,195
27	48.00	0.00	0.00	1,090	1,070	1,300	2,680	0	6,140	13,000		-6,860	3.00	174,195
28	48.00	0.12	587.18	1,280	1,030	1,340	2,730	0	6,967	8,100		-1,133	3.00	174,195
29	48.00	1.13	5,529.28	1,020	1,010	1,300	2,370	0	11,229	16,400		-5,171	2.75	159,679
30	48.00	0.01	48.93	1,540	1,650	1,130	2,940	7,900	7,309	4,200		3,109	2.75	159,679
31	48.00	0.00	0.00	0	0	0	0	0	0	0		0	2.75	159,682
TOTAL	-	1.81	8,856.63	44,310	35,680	40,790	123,250	7,900	252,887	223,700	0	29,187		

260,787

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.