



# SARASOTA COUNTY

*"Dedicated to Quality Service"*

July 1, 2010

Susan Pelz, P.E.  
Solid Waste Section  
Department of Environmental Protection  
Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926

Dept. of Environmental Protection

JUL 06 2010

Southwest District

Re: Central County Solid Waste Disposal Complex  
Permit Number 130542-002-SO/01  
Second Quarter Leachate Generation Report 2010 (April - June)

Dear Ms. Pelz:

Enclosed is the second quarter report for leachate generation, submitted in accordance with Specific Condition Part C.8.d.2.

Please contact me if you have any questions at (941) 861-1589 or [lerose@scgov.net](mailto:lerose@scgov.net).

Sincerely,

Lois Rose  
Manager, Solid Waste

Enc

**SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX**  
**APRIL 2010**  
**DAILY PRECIPITATION DATA AND LEACHATE GENERATION REPORT**

	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE	TOTAL	TOTAL	TOTAL	TOTAL	TANK	LEACHATE
DATE	AREA	RAINFALL <sup>1</sup>	STORAGE TANK <sup>2</sup>	PIEZOMETER 1	PUMPED <sup>3</sup>	PIEZOMETER 2	PUMPED <sup>3</sup>	PIEZOMETER 3	PUMPED <sup>3</sup>	PIEZOMETER 4	PUMPED <sup>3</sup>	PIEZOMETER 5	PUMPED <sup>3</sup>	MRF	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEVEL	CUMULATIVE
	(acres)	(inches)	(gallons)	(inches)	(gallons)	(inches)	(gallons)	(inches)	(gallons)	(inches)	(gallons)	(inches)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(feet)	(gallons)
1	55.00	0.00	0.00	16.10	970	19.50	1,020	18.00	1,162	19.40	1,230	18.90	9,680	0	14,062	0	14,062	2.00	116,130	
2	55.00	0.00	0.00	15.90	920	16.90	1,140	19.30	950	19.60	1,150	19.00	7,870	0	12,030	0	12,030	2.50	145,163	
3	55.00	0.00	0.00	15.40	870	18.00	800	18.70	990	19.60	1,130	16.90	7,690	0	11,480	52,000	-40,520	2.00	116,130	
4	55.00		0.00		0		0		0		0		0	0	0	0	0		0	
5	55.00	0.00	0.00	15.90	1,830	18.80	1,770	19.10	2,220	18.80	0	19.10	12,660	0	18,480	83,390	-64,910	1.75	101,614	
6	55.00	0.00	0.00	15.20	1,020	18.60	970	19.30	910	19.60	3,670	18.00	4,620	0	11,190	49,162	-37,972	1.50	87,098	
7	55.00	0.00	0.00	15.70	660	19.50	940	19.10	1,160	19.60	1,380	18.80	4,670	0	8,810	0	8,810	1.75	101,614	
8	55.00	0.00	0.00	16.10	720	18.80	1,090	18.90	1,070	19.00	1,330	18.90	3,700	0	7,910	0	7,910	2.00	116,130	
9	55.00	0.22	1,076.50	15.20	1,160	17.60	1,180	17.40	1,120	19.20	1,360	18.60	3,640	0	9,536	38,636	-29,100	2.25	130,646	
10	55.00	0.00	0.00	15.90	860	17.60	800	19.30	1,000	19.60	430	18.20	2,870	2,500	8,460	36,702	-28,242	2.00	116,130	
11	55.00		0.00		0		0		0		0		0	0	0	0	0		0	
12	55.00	0.33	1,614.75	16.10	1,350	18.60	2,000	19.10	2,160	19.00	2,290	17.90	5,840	1,900	17,155	0	17,155	2.50	145,163	
13	55.00	0.00	0.00	16.10	890	18.20	1,120	19.30	1,060	19.20	2,290	17.20	2,720	0	8,080	27,105	-19,025	2.25	130,646	
14	55.00	0.00	0.00	17.40	850	18.00	960	18.50	1,020	19.60	1,200	17.00	2,360	0	6,390	0	6,390	2.50	145,163	
15	55.00	0.00	0.00	16.30	740	18.20	930	19.30	2,020	19.60	1,070	18.50	1,930	0	6,690	0	6,690	2.75	159,679	
16	55.00	0.00	0.00	15.40	670	19.50	610	18.90	1,000	2.00	1,000	18.50	1,880	0	5,160	0	5,160	3.00	174,195	
17	55.00	0.00	0.00	16.10	750	19.50	950	19.50	2,340	18.30	1,350	18.30	1,860	0	7,250	54,069	-46,819	2.50	145,163	
18	55.00		0.00		0		0		0		0		0	0	0	0	0		0	
19	55.00	0.25	1,223.29	15.40	920	19.00	1,920	19.30	1,070	19.60	2,390	19.00	3,900	0	11,423	84,702	-73,279	2.00	116,130	
20	55.00	0.00	0.00	14.80	1,150	18.20	1,250	19.10	1,080	18.80	1,330	17.90	2,010	0	6,820	0	6,820	2.00	116,130	
21	55.00	0.00	0.00	15.90	650	18.60	890	19.10	1,210	19.20	1,300	19.40	1,410	0	5,460	0	5,460	2.25	130,646	
22	55.00	0.00	0.00	17.80	800	18.00	1,180	19.30	930	19.40	2,020	17.30	2,410	1,800	9,140	46,707	-37,567	2.25	130,646	
23	55.00	0.00	0.00	14.90	860	19.30	710	19.50	980	20.00	590	17.90	1,440	0	4,580	37,745	-33,165	2.00	116,130	
24	55.00	0.00	0.00	14.40	790	18.80	870	17.80	3,260	19.20	1,320	18.10	1,430	0	7,670	0	7,670	2.25	130,646	
25	55.00		0.00		0		0		0		0		0	0	0	0	0		0	
26	55.00	1.90	9,297.02	19.30	1,390	19.00	2,570	18.70	1,090		2,950	19.20	3,580	0	20,877	0	20,877	3.50	203,228	
27	55.00	0.00	0.00	17.60	1,030	18.60	850	19.30	1,040		460	19.00	1,430	0	4,810	84,600	-79,790	2.50	145,163	
28	55.00	0.00	0.00	16.90	780	18.80	910	19.30	1,140	18.70	1,030	19.20	1,400	0	5,260	56,257	-50,997	2.00	116,130	
29	55.00	0.00	0.00	14.60	740	19.50	930	19.50	890	19.10	1,350	18.10	1,890	0	5,800	0	5,800	2.25	130,646	
30	55.00	0.00	0.00	16.70	410	19.50	750	19.50	0	19.50	1,130	17.20	1,430	3,700	7,420	0	7,420	2.50	145,163	
31	55.00		0.00		0		0		0		0		0	0	0	0	0		0	
<b>TOTALS</b>	<b>-</b>	<b>2.70</b>	<b>13,211.55</b>		<b>23,780.00</b>		<b>29,110.00</b>		<b>32,872.00</b>		<b>36,750.00</b>		<b>96,320.00</b>	<b>9,900.00</b>	<b>241,943.55</b>	<b>651,075.00</b>	<b>0.00</b>	<b>-409,131.45</b>		<b>3,411,318.75</b>

Number of Acres Open = 3  
 Number of Acres Intermediate = 52  
 Number of Acres Closed = 0

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.
- Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill & MRF.
- Quantity of leachate pumped to WWTP 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 pumped during a day (daily increase or decrease).
- Quantity of leachate stored in the tank.
- Leachate reused for dust control in landfill.
- NR = No reading

**FLORIDA DEPARTMENT OF  
 ENVIRONMENTAL PROTECTION  
 JUL 06 2010  
 SOUTHWEST DISTRICT  
 TAMPA**



**SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX**  
**MAY 2010**  
**DAILY PRECIPITATION DATA AND LEACHATE GENERATION REPORT**

DATE	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE	TOTAL	TOTAL	TOTAL	TOTAL	TANK	LEACHATE
	AREA	RAINFALL <sup>1</sup>	STORAGE TANK <sup>2</sup>	PIEZOMETER 1	PUMPED <sup>3</sup>	PIEZOMETER 2	PUMPED <sup>3</sup>	PIEZOMETER 3	PUMPED <sup>3</sup>	PIEZOMETER 4	PUMPED <sup>3</sup>	PIEZOMETER 5	PUMPED <sup>3</sup>	MRF	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEVEL	STORAGE <sup>7</sup>
	(acres)	(inches)	(gallons)	ELEVATION	CELL 1	ELEVATION	CELL 2	ELEVATION	CELL 3	ELEVATION	CELL 4	ELEVATION	CELL 5	PUMPED	COLLECTED <sup>4</sup>	REMOVED <sup>5</sup>	REUSE <sup>8</sup>	BALANCE <sup>6</sup>	(feet)	(gallons)
1	55.00	0.00	0.00	15.90	580	18.40	970	15.70	980	18.90	1,160	19.30	960	0	4,650	0	0	4,650	2.75	159,679
2	55.00	0.00	0.00	15.90	0	18.40	0	15.70	0	18.90	0	19.30	0	0	0	0	0	0	2.75	0
3	55.00	0.00	0.00	15.00	1,560	18.80	1,930	19.10	2,130	19.30	2,420	16.10	3,540	0	11,580	11,000	0	580	3.50	203,228
4	55.00	0.00	0.00	16.30	620	18.80	980	19.10	1,100	189.90	1,360	19.20	1,040	0	5,100	63,140	0	-58,040	2.50	145,163
5	55.00	0.00	0.00	16.10	640	19.50	680	19.30	890	19.30	950	17.20	1,610	100	4,870	44,800	0	-39,930	2.00	116,130
6	55.00	0.00	0.00	16.90	-29,210	19.30	1,230	19.50	1,270	19.30	1,520	19.10	1,450	0	-23,740	56,817	0	-80,557	1.50	87,098
7	55.00	0.00	0.00	15.20	30,690	19.30	720	19.50	840	18.90	1,040	17.50	1,490	0	34,780	40,100	0	-5,320	1.50	87,098
8	55.00	0.00	0.00	16.10	740	18.20	1,150	19.30	1,050	18.90	1,290	19.30	1,030	0	5,260	0	0	5,260	1.75	101,614
9	55.00	0.00	0.00	15.90	0	18.60	0	18.90	0	19.30	0	18.20	0	0	0	0	0	0	2.00	0
10	55.00	0.00	0.00	15.90	1,460	18.60	1,840	18.90	2,150	19.30	290	18.20	2,990	0	8,730	0	0	8,730	2.00	116,130
11	55.00	0.00	0.00	15.40	630	18.40	880	19.50	940	18.90	1,040	19.00	1,040	0	4,530	0	0	4,530	2.50	145,163
12	55.00	0.00	0.00	15.90	660	18.20	880	13.80	1,010	19.10	1,040	18.10	1,470	0	5,060	0	0	5,060	2.75	159,679
13	55.00	0.00	0.00	16.30	560	18.80	980	19.10	1,140	19.50	1,140	17.10	1,530	0	5,350	0	0	5,350	2.75	159,679
14	55.00	0.00	0.00	15.20	720	19.50	670	17.00	910	19.50	940	18.10	1,010	0	4,250	0	0	4,250	3.00	174,195
15	55.00	0.00	0.00	15.90	560	19.00	870	16.30	970	19.50	900	18.20	1,080	0	4,380	900	0	4,380	3.00	174,195
16	55.00	0.00	0.00	16.70	0	19.00	0	19.30	0	19.10	0	18.00	0	0	0	0	0	0	4.00	0
17	55.00	1.20	5,871.80	16.70	1,310	19.00	2,230	19.30	2,410	19.10	2,730	18.00	3,020	0	17,572	0	0	17,572	4.00	232,260
18	55.00	0.00	0.00	16.10	600	14.20	910	19.30	1,030	17.80	1,110	18.40	1,000	3,100	7,750	89,640	0	-81,890	2.50	145,163
19	55.00	0.00	0.00	16.10	0	15.20	-40	18.70	1,160	19.10	970	17.60	1,160	0	3,250	50,353	0	-47,103	2.25	130,646
20	55.00	0.00	0.00	14.20	890	14.40	2,110	19.30	1,020	18.30	850	14.70	1,120	0	5,990	38,994	0	-33,004	1.75	101,614
21	55.00	0.00	0.00	15.90	510	15.90	1,020	17.60	1,360	18.30	1,050	18.10	1,150	0	5,090	0	0	5,090	2.00	116,130
22	55.00	0.00	0.00	14.80	820	14.20	990	19.50	910	19.50	730	19.40	600	0	4,050	38,629	0	-34,579	1.75	101,614
23	55.00	0.00	0.00	15.40	0	16.30	0	18.90	0	17.80	0	18.60	0	0	0	0	0	0	1.00	0
24	55.00	0.00	0.00	15.40	1,270	16.30	1,980	18.90	2,550	17.80	2,700	18.60	2,941	2,300	13,741	77,290	0	-63,549	1.00	58,065
25	55.00	0.00	0.00	14.40	0	15.00	990	19.10	1,050	18.90	990	18.20	1,129	0	4,159	34,646	0	-30,487	0.75	43,549
26	55.00	0.00	0.00	15.90	840	17.40	970	19.50	1,270	19.10	1,390	19.20	1,220	0	5,690	44,264	0	-38,574	0.25	14,516
27	55.00	0.00	0.00	16.90	520	16.70	940	18.20	1,110	18.90	1,080	19.20	1,100	0	4,750	39,100	0	-34,350	0.00	0
28	55.00	0.00	0.00	14.40	940	15.00	1,000	18.20	1,030	19.50	800	18.80	-8,900	0	-5,130	0	0	-5,130	0.00	0
29	55.00	0.00	0.00	13.50	490	14.60	1,000	18.00	1,210	18.90	1,120	19.10	11,100	0	14,920	0	0	14,920	0.25	14,516
30	55.00	0.00	0.00	14.00	0	18.30	0	18.50	0	19.50	0	19.20	0	0	0	0	0	0	0.75	0
31	55.00	0.42	2,055.13	14.00	1,680	18.30	1,150	18.50	2,150	19.50	1,890	19.20	2,250	0	11,175	0	0	11,175	0.75	43,550
<b>TOTALS</b>	<b>-</b>	<b>1.62</b>	<b>7,926.93</b>		<b>20,080</b>		<b>29,030</b>		<b>33,640</b>		<b>32,500</b>		<b>39,130</b>	<b>5,500</b>	<b>167,807</b>	<b>628,773</b>	<b>0</b>	<b>-460,966</b>		<b>2,830,670</b>

Number of Acres Open = 3  
Number of Acres Intermediate = 52  
Number of Acres Closed = 0

- 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.
  - Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill & MRF.
  - Quantity of leachate pumped to WWTP 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 pumped during a day (daily increase or decrease).
  - Quantity of leachate stored in the tank.
  - Leachate reused for dust control in landfill.
  - NR = No reading



**SARASOTA COUNTY CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX**  
**JUNE 2010**  
**DAILY PRECIPITATION DATA AND LEACHATE GENERATION REPORT**

DATE	LANDFILL	LANDFILL	RAINFALL IN	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE LEVEL	LEACHATE	LEACHATE	TOTAL	TOTAL	TOTAL	TOTAL	TANK	LEACHATE
	AREA	RAINFALL <sup>1</sup>	STORAGE TANK <sup>2</sup>	PIEZOMETER 1	PUMPED <sup>3</sup>	PIEZOMETER 2	PUMPED <sup>3</sup>	PIEZOMETER 3	PUMPED <sup>3</sup>	PIEZOMETER 4	PUMPED <sup>3</sup>	PIEZOMETER 5	PUMPED <sup>3</sup>	MRF	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEVEL	STORAGE <sup>7</sup>
	(acres)	(inches)	(gallons)	ELEVATION	CELL 1	ELEVATION	CELL 2	ELEVATION	CELL 3	ELEVATION	CELL 4	ELEVATION	CELL 5	PUMPED	COLLECTED <sup>4</sup>	REMOVED <sup>5</sup>	REUSE <sup>6</sup>	BALANCE <sup>6</sup>	(feet)	(gallons)
1	55.00	0.00	0.00	14.20	830	18.60	940	19.30	1,070	19.50	950	19.00	1,120	0	4,910	22,876		-17,966	0.75	43,549
2	55.00	0.00	0.00	18.00	850	17.80	2,000	19.50	1,440	18.70	1,650	18.60	1,690	0	7,630	33,602		-25,972	0.50	29,033
3	55.00	0.03	146.80	15.70	900	14.40	890	18.20	860	18.70	930	17.30	1,120	0	4,847	32,405		-27,558	0.50	29,033
4	55.00	0.03	146.80	14.40	870	14.60	930	17.80	900	18.10	1,190	19.20	620	3,600	8,257	33,788		-25,531	0.25	14,516
5	55.00	0.00	0.00	14.80	690	19.00	10	18.70	940	18.10	930	19.00	1,130	0	3,700	40,147		-36,447	0.25	14,516
6	55.00	0.00	0.00		0		0		0		0		0	0	0			0		0
7	55.00	0.00	0.00	15.90	1,450	18.80	1,950	18.20	2,150	18.30	2,140	19.20	2,270	0	9,960	3,766		6,194	0.25	14,516
8	55.00	0.00	0.00	15.40	1,030	14.00	1,810	18.00	1,090	18.10	1,240	17.50	1,660	0	6,830	0		6,830	0.25	14,516
9	55.00	0.00	0.00	14.40	1,440	16.90	550	17.60	1,160	19.30	980	17.90	1,100	0	5,230	0		5,230	0.25	14,516
10	55.00	0.00	0.00	14.20	760	15.90	1,350	18.70	1,100	17.00	1,390	17.20	1,120	0	5,720	0		5,720	0.50	29,033
11	55.00	0.00	0.00	15.00	760	16.50	430	18.70	1,040	18.70	920	17.40	1,130	0	4,280	0		4,280	0.50	29,033
12	55.00	0.00	0.00	14.00	720	14.40	990	19.10	990	17.80	1,030	18.60	630	0	4,360	0		4,360	0.75	43,549
13	55.00		0.00		0		0		0		0		0	2,900	2,900			2,900		0
14	55.00	0.36	1,761.54	14.60	1,340	18.80	1,000	18.00	2,230	18.10	2,110	19.20	1,830	0	10,272	17,777		-7,505	1.25	72,581
15	55.00	0.00	0.00	15.00	540	18.60	970	18.00	1,120	17.40	1,110	18.80	1,180	0	4,920	42,067		-37,147	1.00	58,065
16	55.00	0.00	0.00	13.70	1,000	18.20	990	17.80	1,120	17.00	1,080	18.00	1,260	0	5,450	32,089		-26,639	0.75	43,549
17	55.00	0.68	3,327.35	14.00	790	14.00	1,770	18.50	1,020	15.70	1,120	17.40	1,240	2,400	11,667	32,939		-21,272	0.50	29,033
18	55.00	0.36	1,761.54	14.20	1,060	19.00	0	19.10	970	18.50	1,030	19.40	610	2,300	7,732	35,674		-27,942	0.25	14,516
19	55.00	0.00	0.00	14.60	-8,920	18.80	980	18.00	1,190	17.40	1,230	19.30	1,130	0	-4,390	37,187		-41,577	0.25	14,516
20	55.00		0.00		0		0		0		0		0	0	0			0		0
21	55.00	0.50	2,446.58	17.60	1,600	17.60	2,030	18.70	2,190	19.30	2,130	18.70	2,300	0	12,697	6,932		5,765	0.25	14,516
22	55.00	0.04	195.73	14.80	10,640	20.00	0	19.50	780	20.00	820	19.80	630	2,400	15,466	0		15,466	0.50	29,033
23	55.00	0.00	0.00	16.30	10	18.60	1,170	18.00	1,300	19.10	1,160	18.10	1,360	0	5,000	14,019		-9,019	0.75	43,549
24	55.00	0.00	0.00	16.10	250	18.20	850	18.50	1,070	17.20	1,310	19.20	630	0	4,110	0		4,110	1.00	58,065
25	55.00	0.00	0.00	16.10	0	15.00	1,940	19.10	1,350	18.30	1,280	17.30	1,900	0	6,470	12,540		-6,070	1.25	72,581
26	55.00	0.00	0.00	16.50	0	18.80	0	17.60	1,060	18.30	1,030	18.60	600	0	2,690	9,021		-6,331	11.25	653,231
27	55.00		0.00		0		0		0		0		0	0	0			0		0
28	55.00	0.12	587.18	17.60	0	17.80	2,030	18.00	2,140	17.80	2,580	19.20	1,820	200	9,357	24,940		-15,583	1.50	87,098
29	55.00	0.16	782.91	14.80	1,280	15.70	1,030	18.50	1,000	18.30	990	19.20	1,230	0	6,313	12,800		-6,487		87,098
30	55.00	0.23	1,125.43	19.70	110	18.80	0	19.30	860	18.70	850	18.70	620	0	3,565	13,915		-10,350		101,614
31	55.00		0.00		0		0		0		0		0	0	0			0		0
<b>TOTALS</b>	-	<b>2.51</b>	<b>12,281.85</b>		<b>20,000</b>		<b>26,610</b>		<b>32,140</b>		<b>33,180</b>		<b>31,930</b>	<b>13,800</b>	<b>169,942</b>	<b>458,484</b>	<b>0</b>	<b>-288,542</b>		<b>1,654,853</b>

Number of Acres Open = 3  
Number of Acres Intermediate = 52  
Number of Acres Closed = 0

- 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.
  - Sum of rainfall into the storage tank and the leachate pumped from the Class I landfill & MRF.
  - Quantity of leachate pumped to WWTP 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 pumped during a day (daily increase or decrease).
  - Quantity of leachate stored in the tank.
  - Leachate reused for dust control in landfill.
  - NR = No reading