

Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

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January 14, 2008

Mr. Henry Freedenberg
Engineering Specialist III
Florida Department of Environmental Protection
Solid Waste Section
2600 Blair Stone Road, M.S. 4565
Tallahassee, FL 32399-2400

RE: Hillsborough County Southeast County Landfill – Waste Records

Dear Mr. Freedenberg:

In accordance with Permit No. 35435-006-SO, Specific Condition No. 11, the Hillsborough County Solid Waste Management Department (SWMD) is submitting the waste records data for the Southeast County Landfill.

This report includes the waste records for the quarter from October 2007 through December 2007. Should you have any questions concerning the information provided, please contact me at the SWMD at 813-276-2956.

Sincerely,

Megan J. Miller, P.E.
Landfill Services Section
Solid Waste Management Department

Attachments

xc: Larry Ruiz, SWMD
Susan Pelz, FDEP Southwest District
Ron Cope, EPC

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Post Office Box 1110 · Tampa, Florida 33601

Web Site: www.hillsboroughcounty.org

An Affirmative Action/Equal Opportunity Employer

Information Systems, Inc. ~ ISI
Southeast County Landfill Summary by Material Type

For the month of October, 2007

Material Type	Count	Net Wt (tn)	Tip \$	Spec \$	Tax \$	Total Fee \$
100 Processable	39	253.48	16,832.28	0.00	0.00	16,832.28
110 Processable Resid.	48	563.18	0.00	0.00	0.00	0.00
130 Processable-Tampa	1	17.37	973.76	0.00	0.00	973.76
200 Non-Processable	373	1,395.70	55,541.68	0.32	0.00	55,542.00
202 C&DD Pure	258	584.04	23,238.96	0.00	0.00	23,238.96
210 Non-Proc. Residential	545	2,185.80	0.00	0.00	0.00	0.00
213 C&DD Pure Residential	201	290.70	0.00	0.00	0.00	0.00
230 Non-Processable Tampa	155	2,559.45	78,330.82	0.00	0.00	78,330.82
235 Tampa Ash	310	7,537.84	230,657.90	0.00	0.00	230,657.90
250 Nonprofit Recycl Resd	64	208.31	4,847.41	0.00	0.00	4,847.41
400 Tires	206	415.76	32,358.62	0.00	0.00	32,358.62
410 Tires - Residential	19	41.50	0.00	0.00	0.00	0.00
420 Tires - Municipal	4	17.97	1,398.60	0.00	0.00	1,398.60
444 Shredded Tires	42	597.29	0.00	0.00	0.00	0.00
500 FF Scale Weight	4	0.00	20.00	0.00	0.00	20.00
610 Proc. Transferred	1120	20,091.10	0.00	0.00	0.00	0.00
625 RRF Ash @ Landfill	342	8,478.60	0.00	0.00	0.00	0.00
720 Metals Extraction	2	7.13	0.00	0.00	0.00	0.00
780 Leachate	1	2.79	0.00	0.00	0.00	0.00
820 SWMD Non-Processable	11	146.70	0.00	0.00	0.00	0.00
900 Unable to Process	7	0.00	0.00	0.00	0.00	0.00
Grand Total	3,752	45,394.69	444,200.03	0.32	0.00	444,200.35

Information Systems, Inc. ~ ISI
Southeast County Landfill Material Summary

For the month of November, 2007

Material Type		Count	Net Wt (tn)	Tip \$	Spec \$	Tax \$	Total Fee \$
100	Processable	28	193.77	12,868.28	0.00	0.00	12,868.28
110	Processable Resid.	58	695.90	0.00	0.00	0.00	0.00
120	Processable-Municipal	1	10.29	620.28	0.00	0.00	620.28
200	Non-Processable	374	1,326.26	52,780.76	0.00	0.00	52,780.76
202	C&DD Pure	234	713.09	28,379.81	0.00	0.00	28,379.81
205	Asbestos	3	18.83	749.25	0.00	0.00	749.25
210	Non-Proc. Residential	494	2,034.83	0.00	0.00	0.00	0.00
213	C&DD Pure Residential	210	253.85	0.00	0.00	0.00	0.00
230	Non-Processable Tampa	149	2,361.37	72,270.80	0.00	0.00	72,270.80
235	Tampa Ash	281	6,934.47	212,194.78	0.00	0.00	212,194.78
250	Nonprofit Recycl Resd	24	145.39	3,383.22	0.00	0.00	3,383.22
400	Tires	171	373.31	29,057.02	0.00	0.00	29,057.02
410	Tires - Residential	16	44.05	0.00	0.00	0.00	0.00
420	Tires - Municipal	4	16.11	1,253.84	0.00	0.00	1,253.84
444	Shredded Tires	1	9.89	0.00	0.00	0.00	0.00
500	FF Scale Weight	4	0.00	20.00	0.00	0.00	20.00
610	Proc. Transferred	1117	19,671.77	0.00	0.00	0.00	0.00
625	RRF Ash @ Landfill	276	7,074.56	0.00	0.00	0.00	0.00
720	Metals Extraction	1	3.37	0.00	0.00	0.00	0.00
820	SWMD Non-Processable	26	169.20	0.00	0.00	0.00	0.00
900	Unable to Process	7	0.00	0.00	0.00	0.00	0.00
Grand Total		3,479	42,050.31	413,578.04	0.00	0.00	413,578.04

Information Systems, Inc. ~ ISI
Southeast County Landfill Tires

For the month of November, 2007

Material Type		Count	Net Wt (tn)	Tip \$	Spec \$	Tax \$	Total Fee \$
400	Tires	171	373.31	29,057.02	0.00	0.00	29,057.02
410	Tires - Residential	16	44.05	0.00	0.00	0.00	0.00
420	Tires - Municipal	4	16.11	1,253.84	0.00	0.00	1,253.84
Grand Total		191	433.47	30,310.86	0.00	0.00	30,310.86

~ (([Material Type]=400) OR ([Material Type]=410) OR ([Material Type]=420) OR ([Material Type]=430) OR ([Material Type]=840))

**Information Systems, Inc. ~ ISI
Southeast County Landfill**

For the month of December, 2007

Material Type	Count	Net Wt (tn)	Tip \$	Spec \$	Tax \$	Total Fee \$
100 Processable	34	207.06	13,750.85	0.00	0.00	13,750.85
110 Processable Resid.	86	961.93	0.00	0.00	0.00	0.00
200 Non-Processable	406	2,345.55	93,340.98	0.00	0.00	93,340.98
202 C&DD Pure	258	743.60	29,588.62	0.00	0.00	29,588.62
205 Asbestos	2	4.31	171.50	0.00	0.00	171.50
210 Non-Proc. Residential	543	1,982.32	0.00	0.00	0.00	0.00
213 C&DD Pure Residential	206	243.08	0.00	0.00	0.00	0.00
215 Asbestos Residential	1	0.06	0.00	0.00	0.00	0.00
220 Non-Proc. Municipal	1	4.39	140.79	0.00	0.00	140.79
230 Non-Processable Tampa	132	2,074.35	63,498.37	0.00	0.00	63,498.37
235 Tampa Ash	273	6,832.09	209,061.95	0.00	0.00	209,061.95
250 Nonprofit Recycl Resd	13	131.73	3,065.35	0.00	0.00	3,065.35
400 Tires	144	303.22	23,602.74	0.00	0.00	23,602.74
410 Tires - Residential	13	36.07	0.00	0.00	0.00	0.00
420 Tires - Municipal	4	13.65	1,062.37	0.00	0.00	1,062.37
450 Unshredded Tires	4	56.17	0.00	0.00	0.00	0.00
500 FF Scale Weight	5	0.00	25.00	0.00	0.00	25.00
610 Proc. Transferred	1202	21,763.20	0.00	0.00	0.00	0.00
625 RRF Ash @ Landfill	275	7,008.38	0.00	0.00	0.00	0.00
720 Metals Extraction	2	7.55	0.00	0.00	0.00	0.00
820 SWMD Non-Processable	3	14.07	0.00	0.00	0.00	0.00
900 Unable to Process	3	0.00	0.00	0.00	0.00	0.00
Grand Total	3,610	44,732.78	437,308.52	0.00	0.00	437,308.52

SOUTHEAST COUNTY LANDFILL TONNAGE RECEIVED

and BURIED

	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	SOUTHEAST COUNTY LANDFILL																			
2	TONNAGE ANALYSIS by MATERIAL																			
3	TWO TWELVE MONTH PERIODS																			
4	MONTH	Processable (1) 100,110, 130, 610, 810	Non- Processable (2) 065, 200, 210, 220, 230, 820	Non-Profit Recycle Residue 250	R.R. Ash 625	City of Tampa Ash 235	Asbestos 05, 215	C&DD 202, 213, 233	Yard Waste Residential 310	LTP - Filter Cake 850	Tires 400, 410, 420	Shredded Tires 444	TOTAL TONNAGE RECEIVED	Unshredded Tires 450	Less Tires	Less Tonnage Out	TOTAL TONNAGE BURIED	Existing Landfill Sections 1-6	New Landfill Sections 8	TOTAL TONNAGE BURIED
5	September'05	25,433.34	4,824.15	0.00	7,402.73	8,469.86	58.17	953.51	0.00	0.00	809.95	802.97	48,754.68	19.02	(809.95)	(9.25)	47,954.50	47,954.50		47,954.50
6	October'06	21,196.85	6,126.13	123.98	7,718.66	7,957.31	25.48	1,765.50	0.00	0.00	701.19	307.25	45,922.35	21.34	(701.19)	(7.38)	45,235.12	45,235.12		45,235.12
7	November'06	21,230.36	5,505.01	113.40	7,920.88	7,625.99	4.23	1,381.26	0.00	0.00	754.29	877.45	45,412.87	9.46	(754.29)	(8.47)	44,659.57	44,659.57		44,659.57
8	December'06	23,948.92	5,547.35	222.39	7,083.63	7,096.49	5.27	1,117.76	0.00	12.23	708.93	599.26	46,342.23	14.37	(708.93)	(8.39)	45,639.28	45,639.28		45,639.28
9	January'07	26,870.58	6,113.00	252.15	7,790.99	8,329.46	16.45	1,291.65	0.00	0.00	820.95	900.39	52,385.62	6.17	(820.95)	(6.60)	51,564.24	51,564.24		51,564.24
10	February'07	21,317.33	5,662.18	160.84	6,531.83	6,802.63	0.00	997.29	0.00	11.43	688.66	974.08	43,146.27	15.86	(688.66)	0.00	42,473.47	42,473.47		42,473.47
11	March'07	32,903.11	7,357.78	115.04	6,066.85	6,982.23	11.12	1,075.46	0.00	0.00	814.43	870.49	56,196.51	33.82	(814.43)	(6.78)	55,409.12	55,409.12		55,409.12
12	April'07	32,435.15	7,902.58	103.70	5,649.58	7,159.99	8.39	1,049.17	0.00	0.00	743.04	729.27	55,780.87	23.95	(743.04)	(9.17)	55,052.61	55,052.61		55,052.61
13	May'07	26,013.83	7,519.45	120.94	7,382.96	7,700.43	11.56	1,182.78	0.00	0.00	842.42	714.79	51,489.16	13.47	(842.42)	(8.25)	50,651.96	50,651.96		50,651.96
14	June'07	23,842.95	8,583.98	127.09	6,721.56	6,895.15	0.03	941.28	0.00	0.00	951.39	945.91	49,009.34	8.78	(951.39)	(3.64)	48,063.09	48,063.09		48,063.09
15	July'07	20,405.55	6,857.02	134.97	7,387.43	7,838.69	1.87	982.92	0.00	0.00	784.62	970.79	45,363.86	23.62	(784.62)	(4.15)	44,598.71	44,598.71		44,598.71
16	August'07	21,966.10	7,860.71	123.67	7,479.82	6,608.50	3.12	1,160.49	0.00	0.00	882.46	318.01	46,402.88	22.36	(882.46)	(8.75)	45,534.03	45,534.03		45,534.03
17	September'07	23,259.31	6,207.03	115.59	5,599.34	6,832.02	0.00	1,116.65	0.00	0.00	876.35	1,257.68	45,263.97	31.55	(876.35)	(4.27)	44,414.90	44,414.90		44,414.90
18	YTD Total	295,390.04	81,242.22	1,713.76	83,333.53	87,828.89	87.52	14,062.21	0.00	123.66	9,568.73	9,465.37	582,715.93	224.75	(9,568.73)	(75.85)	573,296.10	573,296.10	0.00	573,296.10
19	October'07	20,925.11	6,287.65	208.31	8,478.60	7,537.84	0.00	874.74	0.00	0.00	475.23	597.29	45,384.77	0.00	(475.23)	(7.13)	44,902.41	44,902.41		44,902.41
20	November'07	20,571.73	5,891.66	145.39	7,074.56	6,934.47	18.83	966.94	0.00	0.00	433.47	9.89	42,046.94	0.00	(433.47)	(3.37)	41,610.10	41,610.10		41,610.10
21	December'07	22,932.19	6,420.68	131.73	7,008.38	6,832.09	4.37	986.68	0.00	0.00	352.94	0.00	44,669.06	56.17	(352.94)	(7.55)	44,364.74	0.00	44,364.74	44,364.74
22	January'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	February'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	March'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	April'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	May'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	June'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	July'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	August'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	September'08	0.00						0.00			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	YTD Total	64,429.03	18,599.99	485.43	22,561.54	21,304.40	23.20	2,828.36	0.00	0.00	1,261.64	607.18	132,100.77	56.17	(1,261.64)	(18.05)	130,877.25	86,512.51	44,364.74	130,877.25
32																				
33																				
34																				
35																				
36																				
37																				
38	Increase/(Decrease)	-230,961.01	-62,642.23		-60,771.99	-66,524.49	-64.32	-11,233.85			-8,307.09		-450,615.16	-168.58	8,307.09	57.80	-442,418.85	-486,783.59	44,364.74	-442,418.85
39	% Increase/(Decrease)	-78.19%	-77.11%		-72.93%	-75.74%	-73.49%	-79.89%			-86.81%		-77.33%	-75.01%	-86.81%	-76.20%	-77.17%			-77.17%
40	FY 06 Total 12 Month	295,390.04	81,242.22		83,333.53	87,828.89	87.52	14,062.21			9,568.73		582,715.93	224.75	(9,568.73)	(75.85)	573,296.10	573,296.10		573,296.10
41	Increase/(Decrease)	(230,961.01)	(62,642.23)		(60,771.99)	(66,524.49)	(64.32)	(11,233.85)			(8,307.09)		(450,615.16)	(168.58)	8,307.09	57.80	(442,418.85)	(486,783.59)		(442,418.85)
42	FY 07 Total 12 Month	64,429.03	18,599.99		22,561.54	21,304.40	23.20	2,828.36			1,261.64		132,100.77	56.17	(1,261.64)	(18.05)	130,877.25	86,512.51		130,877.25
43	Note's:	1. Processable includes Mixed Processable																		
44		2. Non-Processable includes Mixed Non-Processable																		
45		3. For Fiscal Year End unhide rows 39 thru 43.																		
46		4. Column 'G' Plastic/Emergency Rate is hidden.																		
47	Landfill Total Less Processable, R.R. Ash, Tires, Shredded Tires, and Yard Waste Residential:	43,241.38																		
48	Rate Non-processable Total:	43,241.38																		
49		0.00 <= This number should be ZERO.																		

*Hills SELF
Op Perm. T***Pelz, Susan**

From: Larry Ruiz [ruizle@HillsboroughCounty.ORG]
Sent: Wednesday, November 14, 2007 10:46 AM
To: Pelz, Susan; Ronald Cope
Cc: PATRICIA BERRY; Raymond Graves; Daniel Orlosky; Joe O'Neill
Subject: Leachate Storage Tank Status

Good morning, As you are aware the leachate storage tank coating installation was completed September 26, 2007. On October 1, 2007 the SWMD began refilling the leachate storage tank. After we reached the 15-foot level we began observing the same condition as before (i.e., liquid draining from the bottom of the tank). AquaStore recommended that we keep observing the condition for at least 5 weeks because it is typical for liquid to be pushed out from under the tank after the tank has been emptied. However, the condition is continuing. Therefore, on November 13, 2007, the SWMD began to re-empty the tank to conduct additional inspection and testing.

The SWMD will continue to keep the DEP and EPC informed of any developments. Please call if you have any questions. Thanks.

Larry E. Ruiz, Assoc. AIA
General Manager
Solid Waste Management Department
Tel: (813) 503-6671
Fax: (813) 671-7739

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11/14/2007

Pelz, Susan

From: Larry Ruiz [ruizle@HillsboroughCounty.ORG]
Sent: Wednesday, October 10, 2007 3:17 PM
To: Pelz, Susan
Cc: David Adams; PATRICIA BERRY; Ronald Cope; Joe O'Neill
Subject: Turbidity 10/6/07

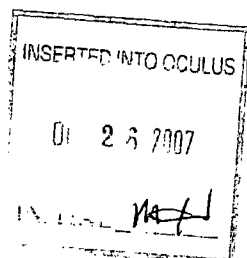
As you are aware, on October 5, 2007 overnight we received 3.9 inches of rain. As a result of this rain event, on October 6, 2007 we exceeded our turbidity limit of 29 ntu over background. On October 8, 2007 David Adams (SWMD) notified John Morris (DEP). We were back in compliance when we conducted our turbidity reading on October 8, 2007. Based on our observations, the source of the turbidity was uncontrolled runoff from Phase V of the landfill. There was not a turbidity impact to the stormwater system from the construction activities of Section 9. In an effort to minimize future occurrence we have taken the following preventive measures:

1. Regraded the northern perimeter berm of Phase V to redirect the stormwater towards downchute No. 5.
2. Placed additional silt fences on the northern perimeter of Phase V.
3. After the water receded in Basin "D", we found a damaged cleanout pipe. This cleanout pipe of the underdrain system will be repaired by the end of next week. Depending on access, it may be done sooner. Currently, the bottom of the basin is too wet for the equipment needed.

Please advise should you have any questions or if you need additional information. Thanks.

Larry E. Ruiz, Assoc. AIA
General Manager
Solid Waste Management Department
Tel: (813) 503-6671
Fax: (813) 671-7739

Hillsborough County, Florida "The best County in the Nation"
Please note: All e-mails sent to or received from this address
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10/10/2007

Morris, John R.

From: Morris, John R.
Sent: Monday, October 08, 2007 10:27 AM
To: Morris, John R.
Cc: Pelz, Susan; Morgan, Steve; Watson, Stephanie M.
Subject: Hillsborough Southeast Landfill, permit #35435-006-SO (Phases I-VI)

Dave Adams, Hillsborough County Solid Waste Department (813-276-2944) called at 0945 to provide verbal notification of elevated turbidity in the tributary to Long Flat Creek along the western property boundary that was measured on Sunday, October 7, 2007. The facility received about 3.9 inches of rain on Saturday, October 6, 2007. Based on site observations on Sunday, stormwater Basin D had filled and was discharging via the outfall structure to the drainage swale and then to the tributary to Long Flat Creek. Turbidity readings recorded on October 7, 2007 follow:

- Station #3C2 (downstream location at north property boundary) -- 82.9 NTU
- Station #3A (upstream location at south property boundary) -- 5.9 NTU

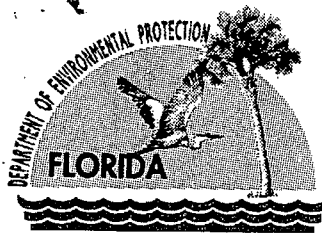
Turbidity readings taken the morning of October 8, 2007 were below 29 NTU at station #3C2.

County staff are coordinating with Waste Management personnel to investigate the cause of the elevated turbidity. Initially, it did not appear that any stormwater runoff associated with the construction of Section 9 was released to stormwater Basin D, but that runoff from covered slopes in Phases V and VI was the source of the elevated turbidity in the discharge from Basin D.

I indicated to Dave Adams that his telephone call would satisfy the immediate notification requirement of Specific Condition #28.b. of permit #35435-006-SO. I also indicated that the written notification explaining the occurrence and remedial actions also required by Specific Condition #28.b was due by October 15, 2007.

John R. Morris, P.G.
FDEP SW District Office, Solid Waste Section
13051 N. Telecom Pkwy.
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336; suncom 514-9155, ext. 336
Facsimile: 813-632-7664
E-mail: john.r.morris@dep.state.fl.us



Department of Environmental Protection

Hills SCLF
Op permit
Phase I-VI

Jeb Bush
Governor

Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813-632-7600
December 1, 2006

Colleen M. Castille
Secretary

Mr. Hans W. Zarbock, P.E.
Jones, Edmunds & Associates, Inc.
324 S. Hyde Park Ave., Suite 250
Tampa, FL 33606

RE: Individual ERP Request for Additional Information
HCSECLF Soil Recovery Area
File No. 29-0270881-002
Hillsborough County

Dear Mr. Zarbock:

This is to acknowledge receipt of your application on November 6, 2006, for a Standard General Environmental Resource Permit, pursuant to Part IV, Chapter 373, Florida Statutes and 40D-4, F.A.C. This project consists of the excavation and reuse of sand tailings deposited during historic phosphate mining operations and the construction of a temporary sedimentation pond.

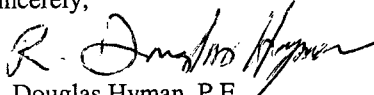
The project is located at 15960 CR 672, , FL, in Section 14, Township 31 S., Range 21 E in the town of Lithia in Hillsborough County, FL.

Your application is incomplete. In order to continue reviewing your application, please submit the items listed in Part I of the enclosed request for additional information (RAI) within 90 calendar days. If necessary, you may request an extension up to 30 additional days. If neither the information nor a request for an extension is received within 90 calendar days, your application may be denied without prejudice. If you revise your project after submitting the initial joint application, please contact us as soon as possible.

Please be advised that this application for an Environmental Resource Permit does not constitute the application for a NPDES Stormwater Permit or acceptance of an NPDES Stormwater Pollution Prevention Plan. For additional information regarding this matter please contact Department personnel in Tallahassee at (850) 245-7522.

We appreciate your cooperation with the permitting process and your interest in managing and protecting the natural resources of the state of Florida. If you have questions please contact me at 813.632.7600, at extension 393.

Sincerely,


R. Douglas Hyman, P.E.
Stormwater Engineer
Industrial Wastewater Program

Enclosure: Part I

cc: Susan Pelz, P.E., Solid Waste Program Manager
Orlando Rivera, Bureau Chief, BMR-Phosphate Division, Tallahassee
Susan Durrance, Environmental Scientist II

"More Protection, Less Process"

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PART I
REQUEST FOR ADDITIONAL INFORMATION 1

HCSECLF Soil Recovery Area

APPLICATION # 29-0270881-002

Hillsborough County

Reference 40D-4.301, F.A.C., and Basis of Review:

1. a. Please quantify the altitude that 3.4 AF of sediment will attain in the proposed sedimentation basin. Obviously, not taking credit for void spaces, it cannot exceed an altitude of $119.5 - 119.3 = 0.2'$, yet taking V/A ($3.4 \text{ Af} / 6.72 \text{ ac BOT}$) yields app. $0.5'$. Please clarify.
- b. Is 3.4 AF the total max. sediment accumulation anticipated to be accumulated over the 4-6 month sedimentation basin use period?
- c. In the ICPR data entry, the Manning n-value of 0.15 was entered for the 6.4 and 5.1 acre contributing areas to the basin. However, $n = 0.013$ is referenced in the worksheet for time of concentration. Please clarify.
- d. Please clarify how the ICPR accounts for the time of concentration computed for overland flow in the worksheet, when the value is evidently not inputted in the ICPR on p. 1 of 2. Or, is p. 1 of 1 – Basin Summary, accounting for time of concentration and the 0 entry defaulting to 10 minutes? On p. 1 of 1 Basin Summary, please clarify why only 1.6 AF of RO accumulates (8.188" over 19.9 acres amounts to 13.5 AF).
2. Please clarify why the applicant does not propose sedimentation and silt control around the perimeter of the working face of the sand pile.
3. Please provide the vegetated swale in plan view and in a transverse cross section on the east side of the temporary access road. It was not referenced in the plans; only the swale to be located on the west side of temp access road was noted.
- b. Please provide plan for the final disposition of the temp. roads, after the project's life cycle ends four to six months after permit issuance.
4. Will the hydrology of the mine cut area and associated wetlands be adversely affected by the temporary imposition of the sediment pond?
5. The design of the sedimentation basin may be considered as a hybrid of a dry retention pond and a FSESCIM design temporary sedimentation basin. It does not entirely integrate the recommended design parameters of the FSESCIM. Therefore, please demonstrate water quantity drawdown in ≤ 72 hours.

Part II

RAI Questions:

1. The applicant has stated that excavation will take place in the soil recovery area to the natural surface grade. Will excavation take place near or at the groundwater table?
2. Are staff gauges located in the surrounding wetlands to measure water quantity? Provide data as available.
3. Provide reasonable assurance that the creation of a stormwater pond measuring 20 acres in size will not adversely affect the hydrology of surrounding wetlands and surface waters.
4. How will the exposed soils on the berm be stabilized during construction activities and until the soil recovery area is completed?
5. The applicant has stated that the wetland line was set on September 11, 2006. Has this line been verified by Department staff? If so, provide details.
6. On a plan view drawing provide:
 - the storage location of the excavated material in relation to surrounding wetlands
 - the construction staging area

- an overlay of the temporary access road on an aerial to ensure no wetland impacts will occur (See Attachment C)
 - See Attachment C- provide the location of the wetland line located at the northwest and northeast corners of the soil recovery project area in relation to the excavation activities.
7. How long will the temporary access road remain in place after the soil recovery area is completed?
 8. Attachment C shows an Emergency Overflow Spillway. Where does this structure discharge to? Are staff gauges located in this area? Is data available?
 9. Does the applicant need additional permits from the Phosphate section of DEP to use sand tailings for cover at the site?

Pelz, Susan

From: Joseph O'Neill [joneill@jonesedmunds.com]
Sent: Tuesday, November 28, 2006 7:25 PM
To: Pelz, Susan
Cc: Joseph O'Neill; PATRICIA BERRY; Larry Ruiz
Subject: Planned Waste Filling Schedule for Section 8, SCLF, Hillsborough County, Florida

Good Morning Susan,

Re: Planned Waste Filling Schedule
Section 8, Capacity Expansion Area
Southeast County Landfill, Hillsborough County, Florida

The Hillsborough County Solid Waste Management Department (SWMD) would like to notify the Department of the proposed filling date for the Section 8 expansion area. It is Waste Management's intent to begin placement of waste within the Section 8 area on or about December 1, 2006 (Friday).

If you have any questions, please call myself (813) 258-0703 or Larry Ruiz (813) 671-7707.

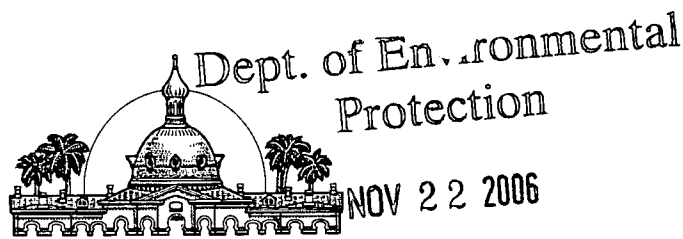
Thank you.

Joseph H. O'Neill, P.E.
Solid Waste Department Manager

Jones Edmunds & Associates, Inc.
324 South Hyde Park Avenue Suite 250
Tampa, Florida 33606
Phone (813) 258-0703 x132
Fax (813) 254-6860
Mobile (813) 426-2613
joneill@jonesedmunds.com
www.jonesedmunds.com

The information contained in this message and any file and/or attachment transmitted herewith are confidential and may be legally privileged. It is meant solely for the private use of the intended addressee and must not be disclosed to or used by anyone other than the intended addressee. If you receive this transmission by error, please immediately notify the sender by reply email and destroy the original transmission and its attachments. E-mail transmission cannot be guaranteed to be secure or error free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete. The sender therefore does not accept liability for any errors or omissions in the content of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Although this e-mail is believed to be free of any virus or other defect that might affect any computer system in which it is received, it is the responsibility of the recipient to ensure that it is virus free.

12/4/2006



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November 17, 2006

Susan J. Pelz, P.E. *11/28/06*
Solid Waste Program Manager
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Fl. 33637

RE: Notice of Intent for Pond B Usage

Dear Ms. Pelz:

In accordance with Section 4.7.2 of the Leachate Management Plan (LMP), the Solid Waste Management Department (SWMD) is providing to the Florida Department of Environmental Protection the notice of intent to use the on-site Pond B to store leachate. In order to facilitate emptying the leachate storage tankage for inspection, as required by the Operation Permit, Pond B will be utilized to store leachate. The procedures outlined in the LMP Section 4.7.2 will be followed. At this time, the SWMD's schedule is as follows:


Nov. 27, 2006 - Begin emptying the tanks (County personnel) and using Pond B
Dec. 11 through 13, 2006 - Clean Tanks (Cliff Berry Inc., under TEAM)
Dec. 14, 2006 - Inspect Tanks (TEAM)

The SWMD expects to have the leachate storage tank back in service by December 29, 2006. However, this schedule is tentative, pending the inspection findings. If any repairs are required on the tankage, the SWMD may need to keep leachate in Pond B for a longer period of time. We will keep you informed regarding the back-to-service schedule for the tankage.

Ms. Susan Pelz
November 17, 2006
Page Two

Should you have any questions or require any additional information, please call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricia V. Berry".

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

xc: Larry Ruiz, SWMD
Walter Gray, SWMD
Joe O'Neill, JE

Hills SELF
Phase I-VI permit

Pelz, Susan

From: Larry Ruiz [RuizLE@HillsboroughCounty.ORG]
Sent: Sunday, September 10, 2006 1:05 PM
To: Pelz, Susan; PATRICIA BERRY; Barry Boldissar; Ronald Cope
Cc: Raymond Graves; Daniel Orlosky; Richard Siemering; Ernest Ely
Subject: Status Report

Hello, as you know, on Sunday September 10, 2006, approximately 10:50 AM, there was an earth tremor in the Tampa Bay Area. At 12:00 noon, an inspection of the facility was conducted of the following:

1. Building structures
2. Pump Stations
3. Tankage
4. Containment areas
5. Landfill perimeter

No damage was observed during the inspection. The Hillsborough County Southeast County Landfill Facility is in good condition. Please call if you have any questions or need additional information. Thanks.

Larry E. Ruiz, Assoc. AIA
General Manager
Solid Waste Management Department
Tel: (813) 503-6671
Fax: (813) 671-7739

Please note: All e-mails sent to or received from this address are Public Records and are subject to public inspection and copying.

9/11/2006

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: x Mike Farley, Interim District Director

FROM/THROUGH:

William Kutash

Susan Pelz, P.E.

ENVIRONMENTAL ADMINISTRATOR
SOLID WASTE MANAGER

DATE: August 2, 2006

FILE NAME: Hillsborough Co SELF-Sect.8

PROGRAM : Solid Waste

Mod #35435-012-SO/MM to

PERMIT #: 35435-006-SO

COUNTY : Hillsborough

TYPE OF PERMIT ACTION: X ISSUE X MODIFY

PUBLIC NOTICE PERIOD CLOSED? N/A PETITION FILED?

PERMIT SUMMARY: This permit is a minor modification of the existing Class I Landfill operation permit. This modification reconciles the documentation and references for the Operations Plan and Groundwater Monitoring Plan for the existing Hillsborough County Southeast Class I (Phases I-VI) landfill. The facility is a lined Class I landfill, and the site includes Class I disposal, leachate treatment and storage facilities and a waste tire processing facility (separate permit).

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The applicant has provided the required documentation and financial assurance.

Total processing time (TIH) - 97 days (to 08/02/06)

Department processing time (TTP) - 89 days (to 08/02/06)

		TTP
Application received	04/26/06	
Application complete	04/26/06	
Waiver until 8/11/06 received	07/19/06	
Draft permit to applicant for comment	07/21/06	87
Comments from applicant rec'd	07/31/06	
Final permit for routing	08/02/06	2

DAY 90/30 FOR THIS ACTION IS: ASAP - Waiver expires=08/11/06

7004 0750 0003 0516 4981

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Solid Waste Management Department
c/o Mr. Barry Boldissar, Director
PO Box 1110
Tampa, FL 33601

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Street, Apt. No.,
or PO Box No.
City, State, ZIP+



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813-632-7600

Colleen M. Castille
Secretary

CERTIFIED MAIL 7004 0750 0003 0516 4991
RETURN RECEIPT REQUESTED

August 8, 2006

NOTICE OF PERMIT

Hillsborough County Solid Waste Management Dept.
Mr. Barry Boldissar, Director
P.O. Box 1110
Tampa, Fl. 33601

RE: Hillsborough County Southeast Class I Landfill
Modification #35435-012-SO/MM to existing
Operation Permit #35435-006-SO

Dear Mr. Boldissar:

Attached is modified **Operation Permit** 35435-006-SO, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 35435-012-SO/MM:

SPECIFIC CONDITIONS	FROM	TO	TYPE OF MODIFICATION
2.b., 2.c., 2.d.	Existing	Deleted	Revised information submitted
2.j.	N/A	New	Revised operational information referenced
10.b., 26.a., 41, 42.b., 14.a(2)	Existing	Amended	Revised DEP office address
15.d.	N/A	New	Authorizes use of ditch cleanings for initial cover
31., 34.b., 35	Existing	Amended	Clarifies sequence of filling Revised sampling location figure
36.b., 41	Existing	Amended	Quarterly groundwater sampling required

This letter and its attachments constitute a **complete permit** and **replace** all previous permits and permit modifications for the above referenced facility.

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The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice. Petitions filed by other persons must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of all material facts disputed by petitioner or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts, which the petitioner contends, warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

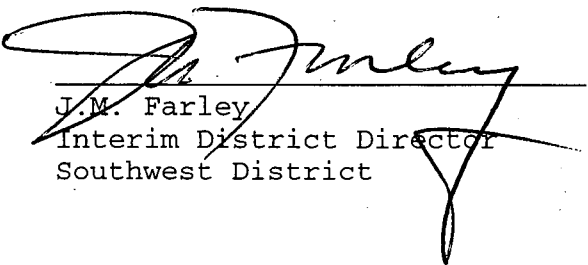
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case under the provisions of that statute. This does not prevent any interested parties from agreeing to other forms of alternate dispute resolution.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



J.M. Farley
Interim District Director
Southwest District

JMF/sjp
Attachment

Copies furnished to:

Hillsborough County Board of County Commissioners
Hillsborough County Notification List
Patty Berry, Hillsborough Co SW, PO Box 1110, Tampa, Fl. 33601
Ron Cope, HCEPC
Joe O'Neill, JEA, 324 S. Hyde Park Ave., Ste 250, Tampa, Fl. 33606
Pat Comer, OGC Tallahassee
Fred Wick, FDEP Tallahassee
Richard Tedder, P.E., FDEP Tallahassee
Permit Notebook

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this **NOTICE OF PERMIT** and all copies were mailed before the close of business on August 8, 2006 to the listed persons.
(date stamp)

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant
to Section 120.52(10), Florida
Statutes, with the designated
Department, Clerk, receipt of
which is hereby acknowledged.

Anna Blum 8/08/06
Clerk Date



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813-632-7600

Colleen M. Castille
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Barry M. Boldissar, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: **35435-006-SO**
Date of Issue: **06/25/02**
Expiration Date: **06/20/07**
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15, 22,
23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a landfill, leachate treatment plant and related ancillary facilities (approximately 200 acres), referred to as Phases I - VI of the Southeast County Class I Landfill Facility, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of:

1. Class I Landfill and related facilities

General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

Includes modification No. 35435-008, issued July 21, 2003.

Includes modification No. 35435-012, issued 08/08/2006.

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

GENERAL CONDITIONS:

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class I landfill (Phases I - VI), leachate treatment plant and related facilities in accordance with the reports, plans and other information submitted by SCS Engineers, Inc. (SCS) (unless otherwise noted) as follows:

a. Operation Permit Renewal Application, Southeast County Landfill, Hillsborough County, Florida, dated May 2001 (received May 3, 2001) including information revised as follows (inserted into original):

- 1) Information dated July 16, 2001 (received July 17, 2001),
- 2) December 14, 2001 (received December 14, 2001), and
- 3) March 4, 2002 (received March 4, 2002);

b. ~~Attachment L-2, Groundwater Monitoring Plan Evaluation,...~~ dated April 15, 2003 July 2001 (received April 15, 2003 July 17, 2001), including revised pages 2-3 received April 2, 2002 May 5, 2003; Amended July 21, 2003; **Replaced 08/08/2006.**

c. ~~Attachment K-1, Operations Plan,...~~ dated May 12, 2003 May 2001 as revised July 2001 (received May 15, 2003 July 17, 2001), including supplemental information received March 4, 2002; Amended July 21, 2003; **Replaced 08/08/2006.**

d. Leachate Management Plan (LMP),... dated May 12, 2003 May 2001 as revised July 2001 (received May 15, 2003 July 17, 2001) including supplemental information received March 4, 2002, June 20, 2002 and June 24, 2002; Amended July 21, 2003.

e. Plan sheets titled, Southeast County Landfill Operating Sequence, Permit Renewal - Appendix E, August 1994,... received August 22, 1994, including the following revised sheets:

- 1) Drawing 2 of 21, "Index, Legends and General Notes," received July 17, 2001;
- 2) Drawing 3 of 21, "Final Drainage Plan/Plot Plan," received July 17, 2001;
- 3) Drawing 7 of 21, "Phases V and VI - Lifts 7C, 7D and 7F," received July 20, 2001;
- 4) Drawing 8 of 21, "Phases I to IV - Lifts 8 to 11," received May 3, 2001;
- 5) Drawing 16B of 21, "Semi-annual Landfill Sections 3," received July 17, 2001;

SPECIFIC CONDITIONS:

(Specific Condition #2.e., continued)

- 6) Drawing 16C of 21, "Semi-annual Landfill Sections 4," received July 17, 2001;
 - 7) Drawing 16D of 21, "Semi-annual Landfill Sections 5," received July 17, 2001;
 - 8) Drawing 16E of 21, "Semi-annual Landfill Sections 6," received July 17, 2001;
 - 9) Drawing 17 of 21, "Landfill Sections," received July 17, 2001;
 - 10) Drawing 19 of 21, "Details 2," received July 17, 2001
- f. Plan sheets titled, Southeast County Landfill Lift 7 - Phases V and VI Sequence Drawings,... (9 sheets, replacing Drawings 6 and 7 of 21 dated August 1994) received December 31, 1998, except Drawing 7 of 21 as subsequently revised above;
- g. "Facility Site Plan and Existing Topography," Drawing 1 of 1, dated April 18, 2001 (received May 3, 2001);
- h. "Estimated Top of Clay Contours (as of January 2001)," Drawing 1 of 1, dated May 2001, as revised July 16, 2001 (received July 17, 2001), except as revised by Figures D-1 and D-2, Appendix D, received March 4, 2002;
- i. General Process and Operation Manual for the PACT Leachate Treatment System (March 1994) received October 23, 1996;
- j. Application for permit modification and supporting information as follows:
- 1) Operation Plan Phases I-VI and Sections 7 and 8 Capacity Expansion, dated August 17, 2005, prepared by SCS (including revised pages received October 3, 2005 and January 30, 2006) (3 ring binder replaces Operation Plan listed in SC#2.c);
 - 2) Ground Water Monitoring Plan, Phases I-VI and Sections 7 and 8, (prepared by SCS Engineers, received August 17, 2005, as revised September 30, 2005 (received October 3, 2005) (3 ring binder replaces Groundwater Monitoring Plan listed in SC#2.b.);

New 08/08/2006.

and in accordance with all applicable requirements of Department rules.

SPECIFIC CONDITIONS:

3. Permit Modifications.

a. Construction, operation, or other activities subject to the Department's Solid Waste Regulations, not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the operations at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

b. This permit authorizes the operation of the existing Class I landfill (Phases I - VI), leachate treatment facility and related appurtenances. This permit does not authorize the operation of the class I landfill Section 7 capacity expansion northeast of the existing landfill (construction permit #35435-004-SC). ~~Operation of the class I landfill expansion shall require a major (substantial) modification of this permit prior to operation. Operation of Pond B is not authorized by this permit until Department approval of the Certification of Construction Completion documentation required by Specific Condition #7 of construction permit #35435-005-SC.~~
Amended July 21, 2003.

c. Certification of Construction Completion shall be submitted for all Department-approved design features (such as stormwater related drainage improvements) in accordance with Specific Condition #47., below.
Amended July 21, 2003.

4. Permit Renewal. No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.320(10). Operation permit renewal shall include but not be limited to an updated Operations Plan and Site Plans for the sequence of filling with cross-section of lifts for changes if necessary.
Amended July 21, 2003.

5. Prohibitions.

a. The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this site.

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified **within 24 hours** of discovery. Written notification shall be submitted **within 7 days** of discovery. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

SPECIFIC CONDITIONS:

6. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

7. **Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rule 62-701.500, F.A.C.; the information listed in Specific Condition #2, above; and any other applicable requirements.

b. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater outside the liner and leachate management systems at any time. ~~during the construction or operation of this facility.~~
Amended July 21, 2003.

c. Leachate discharge to area surface waters is not authorized by this permit. ~~Surface water discharge~~ and shall be considered a violation of this permit. ~~and~~ The permittee shall immediately report any such discharge to the Southwest District Office of the Department in accordance with Specific Condition #28.b., below.
Amended July 21, 2003.

d. The permittee shall clearly stake/mark the location of the edge of the geomembrane liner and maintain the locations as the landfill increases in elevation to prevent waste disposal and leachate runoff outside the geomembrane liner. The staking/markers shall be maintained at all times.

e. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Daily on operating days, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

f. The Class I disposal area shall be operated to limit the leachate head to one foot above the liner.

g. Waste shall not be disposed (i.e. covered, compacted, etc.) during non-daylight hours, unless sufficient lighting is provided to adequately assess the materials and remove unacceptable wastes.

h. Sufficient personnel and equipment shall be utilized to adequately operate the facility.

i. *Unauthorized Wastes.* A sufficient number of spotters and operators shall be utilized at the facility for removing unacceptable wastes. At a minimum, spotting shall occur at the working face from the ground (i.e. while off of the equipment).

SPECIFIC CONDITIONS:

(Specific Condition #7, continued)

j. *Site Inspections.*

1) The owner or operator shall inspect the site for erosion daily. Erosion shall be repaired in accordance with Specific Condition #28.e., below.

2) The owner or operator shall inspect the landfill facility at least quarterly for the presence of objectionable odors at the monitoring points LFG-1, LFG-2, LFG-3, and LFG-4. In the event that odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #27, below.

3) The owner or operator shall inspect the normal traffic areas of the facility for litter daily on operating days. The accessible property boundaries shall be inspected for litter at least weekly. Litter shall be collected and disposed of in the Class I landfill, at least once per day on operating days, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures within 30 days.

k. *Emergency/Contingency Operations.*

1) In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (greater than 72 hours) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

2) *Equipment.* In the event of equipment breakdown or scheduled maintenance of essential equipment (such as equipment required for spreading, compacting and covering waste), the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence. In the event that sufficient reserve equipment is not obtained within 24 hours, the facility shall cease operation until sufficient equipment is operating at the site.

3) *Fires.* In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition #28.b., below, and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. ~~In no event shall the 12.5-acre SCLF Expansion Section 1 be used for waste disposal without prior written Department approval.~~

Amended July 21, 2003.

8. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the plan sheets listed in Specific Conditions #2.e and f., above, the Operations Plan [ref.SC#2.c.], and Table 1, Southeast Landfill Filling Sequence [ref.SC#2.a., Appendix J, July 16, 2001].

SPECIFIC CONDITIONS:

9. Operating Personnel.

a. The owner or operator shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner.
Amended July 21, 2003.

b. Sufficient trained personnel shall be available, to adequately operate the facility in compliance with this permit and Department rules. As required by Rule 62-701.500(1), F.A.C., at least one trained operator shall be at the Class I landfill at all times when the landfill receives waste. At least one trained spotter shall be at the working face when waste is received and unloaded, to inspect each load of waste from the ground (while off of the equipment), and to identify and properly manage prohibited materials.
Amended July 21, 2003.

c. The permittee shall notify the Department in writing of a change of the County's primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request.
Amended July 21, 2003.

10. Operation Plan and Operating Record.

a. Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

b. Unless specified otherwise in this permit, all submittals, notifications, requests for permit modification, etc. shall be provided to the Southwest District Solid Waste Section, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Hillsborough County Environmental Protection Commission, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.

Amended 08/08/2006.

c. Proposed changes to the current Department-approved Operations Plan shall be submitted in writing to the Department for review and may require a permit modification in accordance with Specific Condition #3. ~~unless otherwise approved in writing by the Department.~~ The Operations Plan shall be updated as operations change and for renewal of the permit. Revised pages shall be provided as replacement pages with revisions noted (deletions may be ~~struckthrough~~ (struckthrough) and additions may be shaded (shaded) or similar method may be used) and each page numbered with the document title and date of revision. ~~The Operations Plan shall be reviewed and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department annually, by April 15th each year.~~
Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #10., continued)

d. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:

- 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
- 2) A log of the facility operator's daily inspections, and any subsequent corrective actions;
- 3) Load checking records;
- 4) A list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;
- 5) Operator and spotter training certificates and other documentation; and
- 6) Log of odor complaints and corrective action; and
- 7) Records as described in Rule 62-701.500(13).
Amended July 21, 2003.

11. Waste Records.

a. Waste records shall be maintained as required by Rules 62-701.500(4). The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled monthly and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) **quarterly, by January 15th, April 15th, July 15th and October 15th of each year.** Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition. ~~Records shall be maintained as required by Rules 62-701.500(4), and 62-701.500(13), F.A.C., and the conditions of this permit. Except water quality monitoring reports (e.g. groundwater, surface water and leachate), these records shall be maintained onsite, and copies provided to the Department upon request, or as otherwise specified in this permit. Water quality monitoring reports may be maintained at the site or at the County downtown office.~~
Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #11, continued)

b. The owner or operator shall conduct a topographic survey of the Class I disposal area, and shall estimate the remaining disposal capacity and site life as required by Rule 62-701.500(13)(c), F.A.C. **Annually, no later than September 1st each year November 1st** ~~each year~~, a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or professional land surveyor as appropriate, ~~and revised sequence of filling drawing~~ shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design exterior sideslopes (4H:1V), ~~3H:1V~~ and that the top elevation does not exceed design elevation, and that all other design features and related improvements conform to the Department-approved operating sequence drawings. Certification of Construction Completion shall be submitted with the survey in accordance with Specific Condition #47., below..

~~c. All notifications required by this permit, requests for permit modification and other reports shall be submitted to the Department's Southwest District office and also to Hillsborough County EPC, Solid Waste Section.~~
~~Deleted July 21, 2003.~~

12. Monitoring of Waste.

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request. Load checks shall document the occurrence, type of unacceptable wastes, removal and disposition of unauthorized wastes discovered in the loads.

b. The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #28.b., below.

c. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customer's name and date of disposal, shall be kept on file by the operating authority on-site.

SPECIFIC CONDITIONS:

13. Special Wastes.

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the information referenced in Specific Conditions #2.a. and #2.c. (Operations Plan); Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented.

b. Scrap metals. The scrap metals shall be removed from the site at least monthly, or when the container is full, whichever occurs first. Scrap metals which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. The maximum quantity of scrap metal which may be stored at the site is limited to two 40 c.y. roll-off containers.

c. Asbestos. Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C.; the Operations Plan; and all other applicable federal and Department rules.

d. Unauthorized special wastes (e.g. lead acid batteries, white goods, etc.), found at the working face, shall be stored in locations which do not adversely affect the sequence of filling. These wastes which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. These wastes shall be removed from the site for proper disposal at least **monthly**.

1) White Goods. The white goods shall be removed from the site at least **every 30 days**. ~~or when the container is full, whichever occurs first.~~ White goods which may contain chlorofluorocarbons (CFCs, such as freon), shall be stored and managed in a manner such that the CFCs are not discharged to the atmosphere. White goods which have had the refrigerant appropriately removed shall be clearly marked. A maximum of 50 white goods may be stored at the site at any time.
Amended July 21, 2003.

2) Lead acid batteries. The batteries shall be stored in a manner which prevents the discharge of contaminants to the environment. A maximum of 30 batteries may be stored at the site at any time.

3) Used oil. Used oil shall be stored in containers, and is limited to a maximum of 20 gallons stored at any time.

SPECIFIC CONDITIONS:

14. **Waste Handling Requirements.** All solid waste disposed of in the Class I disposal area shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial cover shall be applied and maintained daily in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

- 1) All solid waste disposed of in the Class I disposal area must be covered with at least 6 inches of compacted earth or other suitable material as approved by the Department in writing, at the end of each working day. Areas which have received initial cover and exhibit erosion which results in exposed waste shall be repaired **by the end of the next working day.**
 - 2) Alternate initial cover materials not identified herein shall be approved by the Department prior to use at the facility.
- For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin.
 - Waste tires that have been cut into sufficiently small parts, which means that 70 percent of the waste tire material is cut into pieces of 4 square inches or less and 100 percent of the waste tire material is 32 square inches or less, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area.
 - Municipal solid waste ash, or a 50% ash and 50% mulch mixture, applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area.
 - A 50% soil and 50% mulch mixture applied in a six (6) inch compacted layer may be used as initial cover. ~~with prior Department approval.~~

Amended July 21, 2003.

- Ditch cleanings, stormwater sediments, and street sweepings, that are adequately dewatered and have had solid wastes removed, may be used for initial cover. Ditch cleanings, stormwater sediments, and street sweepings that will be used for initial cover shall be stored within the lined landfill footprint.

New 08/08/2006.

b. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(a) and (f), F.A.C.

- 1) An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion ~~at all landfills~~ if final cover or an additional lift is not to be applied within 180 days of cell completion.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #14.b., continued)

2) Soil materials which have been previously used for intermediate or initial cover, and which contain solid waste (including ash), shall not be re-used on slopes which discharge to the stormwater management system or as interceptor ~~perimeter~~ berms around the perimeter of the active working face area. These materials may be re-used as initial cover provided the runoff from these areas is managed as leachate.

Amended July 21, 2003.

3) Materials other than soil shall not be used for intermediate cover without prior written Department approval.

15. **Working Face.**

a. As required by Rule 62-701.500(7)(d), F.A.C., the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously and to minimize the exposed area.

b. **Interceptor berms and/or swales shall be maintained around the working area to prevent leachate runoff from the working face from entering the stormwater management system.** Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste, and have been adequately ~~intermediately~~ covered with at least 6 inches of compacted soil (or a mixture of soil/mulch) free of waste ~~as defined by Rule 62-701.200(55), F.A.C.,~~ and stabilized to control erosion.

Amended July 21, 2003.

c. Waste shall be spread and compacted in accordance with the Operations Plan [ref. SC#2.c., page K-8]. The working face slope ~~slopes~~ shall be no greater (steeper) than 3H:1V ~~4H:1V [ref. SC#2.c., K-7.d.]~~.
Amended July 21, 2003.

d. During normal operations, only one working face will be active at any time, with the solid waste at all other areas within the landfill secured by a minimum six inches of initial cover. The working face may move in alternating months from Phases I-VI to Section 7/8, and may not be consecutive alternating months. [ref. Op Plan, §L2.e.]

New 08/08/2006.

16. **Leachate Management.**

a. Leachate shall be managed in accordance with the requirements of Rule 62-701.500(8), F.A.C., the information submitted in the references listed in Specific Condition #2, above, and other applicable Department rules.

b. Leachate which has accumulated on the surface in low areas within the active disposal area shall be removed from the disposal area within 72 hours ~~one (1) week of detection~~.

SPECIFIC CONDITIONS:

(Specific Condition #16, continued)

c. In the event that the leachate level in Pump Station B exceeds 24 inches, the operation of the PPS-B pump(s) and Bubbler Pump Controller shall be evaluated. If the cause of excessive leachate in PPS-B is pump failure, a replacement pump shall be installed within 8 hours of detection of the pump failure [ref. SC#2.a., Response #12(e)(5)d, July 16, 2001], otherwise, the Department shall be notified in accordance with Specific Condition #28.b., and a corrective action plan shall be submitted for Department approval.
Amended July 21, 2003.

d. The leakage action rate for the LDS in Pond B is 1500 gallons/day. In the event that this leakage action rate is exceeded, a permanent submersible pump shall be installed in the LDS [ref. SC#2.a., Response #9(i)(14), December 14, 2001]. Pond B may be used for leachate storage only with prior, written Department approval. The request for use of Pond B for leachate storage shall include the information described in the Leachate Management Plan, Section 4.7 ~~(page 4-5)~~ [ref. SC#2.d.].

e. The effluent depth in Pond A shall not exceed 4.5 feet. The effluent/leachate depth in Pond B shall not exceed 3.6 ~~4.5~~ feet.

f. In order to measure the potentiometric levels in the SCLF, the following field investigation (described in the LMP, Section 6, ~~page 6-2~~ [ref. SC#2.d.]) will be conducted **annually**, and submitted to the Department **by April 15th each year**. The first investigation is due no later than **April 15, 2003**. Piezocone soundings will be performed in the vicinity of PC-1B (Phase I), PC-4B/PC-4C (southeastern portion of Phase IV), PC-3/PC-3B (northeastern portion of Phase III), and PC-1F (eastern end of Phase I), as shown on Figure 6-1 (attached). The piezocone soundings will collect the following data:

- 1) Pore pressure above the phosphatic clays (within the sand drainage layer).
- 2) Elevation of the top and bottom of the phosphatic clays.
- 3) Pore pressure at the top, middle, and bottom of the phosphatic clay.
- 4) Pore pressure below the phosphatic clays.

A report will be prepared, signed and sealed, by a registered professional engineer following each monitoring event and submitted to the Department, presenting the findings and conclusions relative to the performance of the leachate collection system and recommendations as appropriate.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #16., continued)

g. ~~Within one hundred twenty (120) days of issuance of this permit, the permittee shall install Temporary Pump Station No. 6 (TPS-6). TPS-6 will consists of a vacuum assisted pump (similar to PPS-B) with a 3-inch to 4-inch diameter suction line installed within the header of cleanout 4-1 to reach 600 feet into the landfill near the top of clay elevation +114 feet NGVD. TPS-6 shall be equipped with a bubbler level control system, similar to PPS-B. [ref. SC#2.a, Response #7.f, March 4, 2002]~~ TPS-6 shall remain in place, and continue to be operated and maintained as described in the LMP Section 4.9, unless otherwise authorized by the Department.
Amended July 21, 2003.

h. *Leachate Disposal.*

1) In the event that the on-site Leachate Treatment and Reclamation Facility (LTRF) is not operational, leachate shall be hauled offsite for disposal at an appropriately permitted wastewater treatment facility. [ref. SC#2.a, Section K.8.d., May 2001]. No later than **thirty (30) days** prior to the expiration of any contracts or agreements for the disposal of leachate at wastewater treatment facilities, the permittee shall provide a copy of the contract renewal or the issuance of a new contract for leachate disposal.
Amended July 21, 2003.

2) In the event that the primary leachate disposal facility or the LTRF becomes unable or unwilling to accept leachate for disposal, **within three (3) days** of the cessation of leachate acceptance by the POTW or LTRF, the landfill owner or operator shall notify the Department and shall explain the contingency measures which will be implemented. The contingency measures shall be implemented **within seven (7) days** of the cessation of leachate acceptance at the POTW or LTRF, or in accordance with an alternate schedule approved by the Department.

i. *Leachate Collection System Inspections/Maintenance.*

1) The leachate collection and removal system and gravity pipelines, shall be visually or video inspected or water pressure cleaned at cleanouts 4-1, 5-1, 5-2, 5-3, 6-1 and PPS-B access pipes to verify adequate performance twice during this permit period. Force mains shall be video inspected or water pressure cleaned when the pump station performance indicates that the force mains may be ~~are~~ obstructed. Components not performing adequately shall be cleaned and/or repaired. **By June 1, 2004 and no later than December 1, 2006**, a report summarizing the results, and copies of the videotape of this inspection shall be submitted to the Department to demonstrate adequate performance of the leachate collection and removal system. The inspection report shall include an evaluation of the effectiveness of the system, the locations of cleaning and video inspections (indicated on a Site Plan drawn to scale) and cause of all obstructions encountered, proposed corrective actions and schedule for implementation of corrective actions as appropriate. If the pipes are water-jet cleaned, the report shall include a description of the method of cleaning. The permittee shall retain a copy of the videotape at the facility for reference and shall provide a copy to the Department.

SPECIFIC CONDITIONS:

(Specific Condition #16.i., continued)

2) Each pump and pump station and related sensors and controller mechanisms ~~Bubbler Pump Controller (BPC)~~ shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and repair, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility, and provided to the Department upon request.
Amended July 21, 2003.

3) Unless otherwise specified in this permit, the leachate collection and removal system components shall be inspected and maintained as described in the Leachate Management Plan [see Section 3, Table 3-1, ref. SC#2.d.].

j. *Leachate quantities.*

1) In the event of a failure of leachate metering or pumping equipment which is not corrected within 24 hours of detection, the Department shall be notified, and corrective actions implemented in accordance with Specific Condition #28.b., below.

2) Leachate generation reports shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th each year.** Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, recirculated, treated and disposed on-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

k. *Leachate Treatment and Removal System Operation.*

1) The leachate storage tanks shall be inspected as required by Rule 62-701.400(6)(c)9., F.A.C., and in accordance with the conditions of this permit. The tanks, containment area, truck loadout area, and other leachate treatment and storage system appurtenances shall be inspected at least weekly for leakage or other damage.

2) Biosolids and sludge from the LTRF shall be characterized at least **annually**, in accordance with Specific Condition #32.c., to demonstrate that the sludge and biosolids are non-hazardous. The sludge and biosolids shall be dewatered sufficiently (i.e. pass the paint filter test, EPA method 9095) prior to disposal in the landfill.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

17. No later than one hundred eighty (180) days prior to permit expiration (December 1, 2006), the permittee shall submit an evaluation of the performance of the clay bottom liner and leachate management system. The evaluation is to assure the Department that the clay bottom liner is consolidating as originally designed and to estimate the amount of consolidation and settlement of the clay bottom liner which has actually occurred. The evaluation shall be based on actual field data and shall include: a summary of clay performance and leachate management system performance based on the annual evaluations required by Specific Condition #16.f., above; leachate generation rates; top of clay contours and actual field measurements. The evaluation shall include recommendations for improvements to the liner and leachate collection and removal systems, if necessary, and shall be certified by a professional engineer.

18. **Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and Cc, as adopted by reference at Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

19. **Gas Monitoring.**

a. Landfills that receive biodegradable wastes shall have a gas management system designed to prevent explosions and fires, and to minimize off-site odors, lateral migration of gases and damage to vegetation. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C., (less than 25% of the lower explosive limit (LEL) for combustible gases in structures, and less than 100% LEL for combustible gases at or beyond the property boundary).

SPECIFIC CONDITIONS:

(Specific Condition #19., continued)

c. The results of quarterly monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

<u>Measured During</u>	<u>Report Submitted By</u>
Quarter 1	April 15 th of each year
Quarter 2	July 15 th of each year
Quarter 3	October 15 th of each year
Quarter 4	January 15 th of each year

Amended July 21, 2003.

20. **Gas Monitoring Locations.** All enclosed structures and the following gas monitoring locations shown on Figures F-1, F-2, and F-3, and F-4 prepared by SCS Engineers (attached), shall be sampled at least quarterly for the lower explosive limit of methane, as described in Rule 62-701.530(2), F.A.C.

<u>Monitoring Point</u>	<u>Location</u>	<u>Location Description</u>
LFG-1	Figure F-1	South property boundary
LFG-2*	↓	Southwest property boundary
LFG-3*	↓	Northwest property boundary
LFG-4*	↓	North property boundary
S/A-SP-1	Figure F-2	Scalehouse/Admin. Bldg
S/A-SP-2	↓	↓
S/A-SP-3	↓	↓
S/A-SP-4	↓	↓
S/A-SP-5	↓	↓
S/A-SP-6	↓	↓
S/A-SP-7	↓	↓
S/A-SP-8	↓	↓
S/A-SP-9	↓	↓
M-SP-110	Figure F-3	Maintenance Building
M-SP-211	↓	↓
M-SP-312	↓	↓
M-SP-413	↓	↓
SP-14	Figure F-4	Leachate Treatment Facility Office
SP-15	↓	↓
SP-16	↓	↓

~~* = to be installed within 120 days of permit issuance~~

Gas monitoring probes LFG-1 through LFG-4 are to be clearly labeled and easily visible at all times.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

21. **Gas Remediation.** If the results of gas monitoring show that combustible gas concentrations exceed 25% of the LEL calibrated to methane in structures or 100% of the LEL calibrated to methane at the property boundary, the permittee shall immediately take all necessary steps to ensure protection of human health and notify the Department. **Within seven (7) days** of detection, a gas remediation plan detailing the nature and extent of the problem and the proposed remedy shall be submitted to the Department for approval. The remedy shall be completed **within sixty (60) days** of detection unless otherwise approved by the Department.

Amended July 21, 2003.

22. **Stormwater Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C.

b. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance and shall be repaired in accordance with the Operations Plan and the conditions of this permit. ~~For~~ Conveyances not performing adequately due to erosion or related sedimentation shall be repaired **within seven (7) days.** ~~corrective action shall be implemented within thirty (30) working days.~~ Documentation of all inspections and repairs shall be kept on file at the facility. [ref. SC#2.c., Section K.7.j., page K-11]
Amended July 21, 2003.

23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Chapter 62-296, F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department and the Hillsborough County Environmental Protection Commission, in accordance with Specific Condition #28.b., below.

24. **Closure Permit Requirements.** No later than ninety (90) days prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules.

SPECIFIC CONDITIONS:

25. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed within 180 days of reaching design dimensions in accordance with Rule 62-701.500(7)(g), F.A.C., and all applicable requirements of Department rules.

26. **Financial Assurance.** The permittee shall provide financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by September 1st each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Fl. 33637.
Amended 08/08/2006.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

27. **Control of Nuisance Conditions.**

a. The operating authority shall be responsible for the control of odors and fugitive particulates (dust) arising from this operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

b. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors offsite, the owner or operator shall submit an odor abatement plan to the Department **within sixty (60) days** of initial detection. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

28. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of: access to disposal areas; equipment; stormwater systems; cover systems; leachate collection, removal, treatment and storage systems; and gas migration control systems, surface water monitoring system, groundwater monitoring system, and the prevention of erosion and ponded water in disposal areas.

SPECIFIC CONDITIONS:

(Specific Condition #28., continued)

b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including damaged or dry groundwater monitoring wells) fire, explosion, the development of sinkhole(s) or other subsurface instability, at the site, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence. Routine maintenance does not require notification but shall be noted on daily reports.

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #38, or as otherwise approved by the Department.

d. In the event that the ~~stormwater or~~ leachate management systems are damaged or are not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department.

e. ~~For~~ Intermediately covered disposal areas, or other disposal areas which discharge to the stormwater management system, which exhibit significant erosion, ~~the permittee shall be repaired according to the following schedule: implement corrective action within 3 days of detection [ref. SC#2.c., page K-11]. For the purposes of compliance with this Specific Condition, "significant" means that either:~~

- 1) If the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, then repaired within seven (7) days; and
- 2) If waste or liner is exposed, then repaired by the end of the next working day.

f. Turbidity shall be controlled by methods approved by the Department. By October 1, 2003, the permittee shall submit an evaluation of the effectiveness of the turbidity control methods including all of the information required as part of the Department's April 3, 2003 letter.
Amended July 21, 2003.

SPECIFIC CONDITIONS:

29. Water Quality Monitoring Quality Assurance.

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) ~~follow all applicable procedures~~ described in DEP SOP-001/01 (January 2002), as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that are certified by the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(1), F.A.C., and in accordance with the schedule referenced in Rule 62-160.300(2), F.A.C. ~~in accordance with the schedule referenced in Chapter 62-160, F.A.C.~~ The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.
Amended July 21, 2003.

b. The field testing, sample collection, sample preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department, or as published in Standard Methods or by A.S.T.M., or EPA methods shall be used. ~~Alternate field procedures and laboratory methods may be used if they have been approved according to the requirements of Rule 62-160.220 and 62-160.330, F.A.C.~~
Amended July 21, 2003.

30. Zone of Discharge.

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.

SPECIFIC CONDITIONS:

31. **Leachate Influent Sampling.** Grab samples of leachate influent (WACS testsite ID No. 919) shall be collected from the PPS-A (Leachate Sampling Location No. 001 as shown on attached Figure M-1 prepared by SCS Engineers, received August 17, 2005) by manually lowering and retrieving leachate using a decontaminated Teflon bailer to comply with the requirements of Rules 62-701.510(5) and 62-701.510(6)(c), F.A.C., as follow:

- a. **Annual** leachate influent sampling shall be conducted for analysis of the following parameters:

Field Parameters
Specific conductivity
pH
Dissolved oxygen
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Bicarbonate
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

- b. If the annual leachate influent analysis indicates that a contaminant listed in 40 CFR Part 261.24 exceeds the regulatory level listed therein, the permittee shall initiate monthly sampling and analysis of the parameters listed in Specific Condition No. 31.a., and shall notify the Department in writing. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.

Amended July 21, 2003 and 08/08/2006.

32. **Leachate Treatment Plant Effluent/Sludge Testing.** The locations, parameters, and frequencies specified herein represent the minimum requirements for leachate treatment plant monitoring. Additional samples and parameters may be required based upon subsequent analysis. To provide reasonable assurance of adequate leachate treatment, the permittee shall collect representative samples of treated leachate effluent (WACS testsite ID No. 19864) and of waste sludges, and shall submit the results of analyses as follow:

- a. Treated leachate effluent shall be sampled and analyzed for the primary and secondary drinking water standards (Rules 62-550.310 and 62-550.320, F.A.C.) and the priority pollutants (U.S. Environmental Protection Agency, 40 CFR Part 423, Appendix A) **within 30 days** after extended (greater than 3 weeks) downtime maintenance or repairs, and **semi-annually** thereafter.

SPECIFIC CONDITIONS:

(Specific Condition #32., continued)

b. Treated leachate effluent shall be sampled at the frequency listed below, and the analytical results shall be submitted quarterly, as follows: Quarter 1 results shall be submitted by **April 15th**; Quarter 2 by **July 15th**; Quarter 3 by **October 15th**; and, Quarter 4 by **January 15th**, for the following parameters:

<u>Parameter</u>	<u>Unit</u>	<u>Frequency</u>
pH	STD UNITS	Weekly
BOD ₅	mg/L	Monthly
COD	mg/l	Monthly
TSS	mg/l	Monthly
Nitrate-N	mg/l	Monthly
TDS	mg/l	Monthly

c. Waste sludge from the leachate treatment plant shall be sampled and analyzed **annually** using Department SOPs for the following parameters:

Toxicity Characteristic Leaching Potential Test (TCLP) for the organics, metals and pesticides listed in 40 CFR Part 261.24, Table 1

Total nitrogen (percent dry weight)	
Total phosphorous (percent dry weight)	
Total potassium (percent dry weight)	
Cadmium (mg/kg dry weight)	Arsenic (mg/kg dry weight)
Lead (mg/kg dry weight)	Copper (mg/kg dry weight)
Molybdenum (mg/kg dry weight)	Mercury (mg/kg dry weight)
Selenium (mg/kg dry weight)	Nickel (mg/kg dry weight)
pH (standard units)	Zinc (mg/kg dry weight)
	Solids (percent)

Waste sludge that is not classified as hazardous waste (Chapter 62-730.030, F.A.C.) and that passes the paint filter test may be disposed in the Class I landfill. Based upon the results of the analyses, the Department may require further testing and alternative disposal to assure compliance with all Department rules and regulations. The Department shall be notified within thirty (30) days of alternative sludge disposal.

33. Land Application of Leachate Treatment Plant Effluent. Spray irrigation of effluent from the leachate treatment facility is allowed over intermediately closed portions of the landfill at a maximum of 0.1 inch per application followed by two hours (waiting period) between each application, for a maximum of 0.3 inch per day. Under no circumstance shall treated leachate effluent be allowed to discharge as runoff to adjacent storm water systems or conveyance ditches. Treated leachate effluent shall not be sprayed during weather conditions or in quantities that may cause runoff, surface seeps, wind-blown spray, or exceedances of limits of leachate head on the liner. The spray irrigation of treated leachate effluent shall not cause ponding on landfilled areas.

SPECIFIC CONDITIONS:

(Specific Condition #33., continued)

Spray irrigation shall take place only when runoff into the onsite retention areas downgradient from the spray areas has terminated for 2 hours based on daily inspections of the influent point to each related retention area, or as follows, whichever is more restrictive:

- a. At least 4 hours after a rainfall of 0.75 inch or less, or
- b. At least 24 hours after a rainfall of 0.75 to 2.5 inches, or
- c. At least 48 hours after a rainfall of 2.5 inches or greater

The following shall be recorded daily:

- Treated effluent sprayed (gal/day)
- Rainfall onsite (inches/day and time/duration of rainfall occurrence)
- Observed runoff influent to retention area (yes/no and inspection time)

The gallons per day sprayed shall be recorded separately for each application area. The time of day shall be reported immediately following the end of rainfall and when no observed runoff was observed in downgradient ponds and ditches prior to spraying.

Spraying shall take place on slopes no steeper than 10%; on areas of fair grass cover (as per HELP model); only between the hours of 8 a.m. and 4 p.m.; no closer than 100 feet from the liner anchor trench; and on areas that have not reached closure designed dimensions (have not received permanent final cover).

34. Surface Water Sampling.

- a. All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

SPECIFIC CONDITIONS:

(Specific Condition #34., continued)

- b. Surface water sample collection points shall be located as shown on Figure M-1, prepared by SCS Engineers, received August 17, 2005 (attached), as follows:

Surface	WACS	
Water No.	Testsite	Location
1-A*	831	Northern portion of Smith Lake (staff gauge)
1-D	834	Western portion of Smith Lake
3A	836	Drainage ditch to Long Flat Creek at SW boundary
3B2B	837	Drainage ditch to Long Flat Creek, WNW of TH-30
3C2	838	Drainage ditch to Long Flat Creek at NW boundary

* = Water Elevation Measurement ONLY at Station No. 1-A

Amended July 21, 2003 and 08/08/2006.

In accordance with Rule 62-701.510(4)(c), F.A.C., the monitoring stations shall be marked and their positions shall be determined by a registered Florida land surveyor in degrees, minutes and seconds of latitude and longitude.

- c. **Semi-annual** surface water sampling shall be conducted at Station Nos. 1-D, 3A, 3B2B and 3C2 in accordance with Rule 62-701.510(6)(e), F.A.C., for analysis of the following parameters:

<u>Field parameters</u>	<u>Laboratory parameters</u>	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness	Total nitrogen
Dissolved oxygen	Total phosphates	Chemical oxygen demand (COD)
Turbidity	Chlorophyll A	Fecal coliform
Temperature	Copper	Biochemical oxygen demand (BOD ₅)
Colors and sheens	Iron	Total dissolved solids (TDS)
(by observation)	Mercury	Total suspended solids (TSS)
	Nitrate	Zinc
	Those parameters listed in 40 CFR Part 258,	
	<u>Appendix I</u>	

Amended July 21, 2003.

SPECIFIC CONDITIONS:

35. **Groundwater Monitoring Well Locations.** The ground water monitoring plan is described in the submittal entitled *Ground Water Monitoring Plan, Phases I-VI and Sections 7 and 8* (prepared by SCS Engineers, as revised September 30, 2005 (received October 3, 2005)). The active monitor well locations for Phases I - VI shown on attached Figure M-1 (received August 17, 2005) are described as follows:

WACS Testsite				
Well No.	ID Number	Aquifer	Designation	Location
TH-19	821	Floridan	Background	See Figure M-1
TH-22	824	Surficial	Piezometer	↓
TH-22A*	19861	Surficial	Background	↓
TH-28	826	Surficial	Piezometer	↓
TH-28A*	19862	Surficial	Detection	↓
TH-30	1065	Surficial	Piezometer	↓
TH-38A	1154	Surficial	Piezometer	↓
TH-38B*	19863	Surficial	Background Piezometer	↓
TH-40	822	Floridan	Horizontal Detection/ Vertical Compliance	↓
TH-57	1570	Surficial	Detection	↓
TH-58	1571	Surficial	Detection	↓
TH-65**	20530	Surficial	Detection	↓
TH-66	20531	Surficial	Detection	↓
TH-67**	20532	Surficial	Detection	↓

* = to be installed ~~within 120 days of permit issuance~~

** = to be installed **within 120 days of permit modification No. 35435-008 issuance** in accordance with the construction details provided in Figure M-2, of the Engineering Report (for Section 7), received May 5, 2003. Documentation of well construction details as indicated in Specific Condition Nos. 38.b. and 38.d. shall be submitted within 90 days of well construction.

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.
Amended July 21, 2003 and 08/08/2006.

36. **Groundwater Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-522, F.A.C. Compliance with ground water standards shall be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition No. 36.b. at all active and inactive wells and piezometers listed in Specific Condition Nos. 35. and 37. to a precision of 0.01 foot. The ground water surface contour maps prepared for each sampling event shall include ground water elevations (feet NGVD) calculated for each well and piezometer.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #36., continued)

b. Based on Section 3, Attachment I 1.a, in Construction Permit Application Capacity Expansion, Section 9 of the Southeast County landfill, Hillsborough County, Florida, Response to DEP Request for Additional Information, dated June 2006, prepared by JEA, surficial aquifer background well (TH-22A) and surficial aquifer detection wells (TH-28A, TH-57, TH-58, TH-65, TH-66 and TH-67) shall be sampled **quarterly**. Floridan aquifer background well (TH-19) and Floridan aquifer detection well (TH-40) shall be sampled **semi-annually**, for analysis of the following parameters:

Field Parameters
Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in 40 CFR
Part 258, Appendix I

Amended July 21, 2003 and 08/08/2006.

c. The initial sampling event at replacement wells TH-65, TH-66, and TH-67 ~~TH-22A, TH-28A, and TH-38B~~ shall be conducted for analysis of the following parameters:

Field Parameters
Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

Amended July 21, 2003.

37. **Inactive Monitor Wells (Phases I through VI).** Existing monitor wells ~~TH-19A, TH-20A, TH-20B, TH-24, TH-26, TH-32, TH-35, TH-35A, TH-36A, TH-41, TH-42, and TH-56, TH-59, TH-60, TH-61 (a/k/a P-9D), TH-62, and TH-63~~ shall be considered to be inactive and reserved for future use. Ground water levels shall be measured in the inactive monitor wells during all sampling events described in Specific Condition No. 36.b. Existing piezometers ~~P-2S, P-2D, P-3S, P-3D, P-4S, P-4D, P-5D, P-6D, P-7D, P-8D, and P-11D~~ ~~P-9D and P-10D~~ shall be included in monthly water level measurements conducted by Hillsborough County.
Amended July 21, 2003.

38. **Groundwater Monitoring Well Construction.** The following information shall be submitted ~~within 90 days of installation of~~ for all new or replacement monitor wells (and included piezometers), or as stated below:

a. **Prior to** construction of all new or replacement monitor wells, the permittee shall request and receive Department approval of a minor permit modification.

SPECIFIC CONDITIONS:

(Specific Condition #38., continued)

- b. **Within one week of monitor well completion and development**, each new monitor well shall be sampled for the parameters listed in Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.
- c. **Within 90 days of monitor well installation**, construction details (record drawings) for all new or replacement monitor well shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (attached).
- d. **Within 90 days of monitor well installation**, a surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned), horizontally located in degrees, minutes and seconds of latitude and longitude, and showing the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification numbers, and the locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended July 21, 2003.

39. **Well Abandonment.** All wells and piezometers not included as part of the approved Water Quality Monitoring Plan and not listed in Specific Condition Nos. 35. and 37., and not shown on surveyed drawing(s) described in Specific Condition No. 38.d., are to be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment.** A written request for exemption from the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended July 21, 2003.

40. **Verification/Evaluation Monitoring.** If at any time monitoring parameters are ~~detected~~ reported in the detection wells at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria ~~at the edge of the zone of discharge,~~ the permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

41. **Water Quality, Leachate and Sludge Reporting Requirements.** All leachate, surface water and ground water quality monitoring results shall be reported on Department Form 62-522.900(2), Groundwater Monitoring Report (attached). The permittee shall submit the results of the leachate effluent quality analysis (required by Specific Condition #32.b.) and ground water for the surficial aquifer wells (required by Specific Condition #36.b.) analysis by **January 15th, April 15th, July 15th, and October 15th of each year.** The permittee shall submit the results of the leachate influent (required by Specific Condition #31.) and sludge (required by Specific Condition #32.c.) analysis by **January 15th of each year.** The permittee shall submit the results of surface water (required by Specific Condition #34.c.) and ground water for the Floridan aquifer wells (required by Specific Condition #36.b.) and leachate effluent (required by Specific Condition #32.a.), analysis by **January 15th and July 15th of each year** for the semi-annual periods July-December and January-June, respectively. The reports that transmit the results of ground water analysis shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including a ground water contour map representing conditions at the time of ground water sampling and a summary of any water quality standards or criteria that are exceeded. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Hillsborough County Environmental Protection Commission, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.
Amended July 21, 2003 and 08/08/2006.

42. **Groundwater Monitoring Plan Evaluation.**

a. ~~An evaluation of ground water flow between the eastern portion of the landfill and Smith Lake shall be submitted by **June 1st, 2003.** This evaluation shall include monthly water elevation data collected for one year following permit issuance at the following locations: P-7D, P-8D, P-9D, P-10D, P-11D, TH-20A, TH-20B, TH-38A, TH-38B, and the staff gauge in Smith Lake. The persistence of a ground water divide in this portion of the landfill shall be the basis for determining the appropriateness of the current designation of well TH-38B as a background well. In the event that well TH-38B is determined to be more appropriate as a detection well location, an alternate background monitor well shall be required, and the revision to the monitoring plan shall require a minor permit modification. The evaluation shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619, and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.~~
~~Deleted July 21, 2003.~~

SPECIFIC CONDITIONS:

(Specific Condition #42., continued)

b. **By June 1, 2004 and no later than December 1, 2006**, the permittee shall submit an evaluation of the water quality monitoring data. The periods of time to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
June 1, 2004	First Half 2001	Second Half 2003

December 1, 2006	First Half 2004	First Half 2006
-------------------------	-----------------	-----------------

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may be reported shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Environmental Protection Commission of Hillsborough County, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.

Amended July 21, 2003 and 08/08/2006.

43. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

44. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

45. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

46. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

47. **Certification of Construction Completeness.** Within **thirty (30) days** after the specified construction has been completed or as otherwise specified in this permit, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2) (form attached), signed and sealed by the responsible professional engineer for the construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include as-built plans details and elevations.

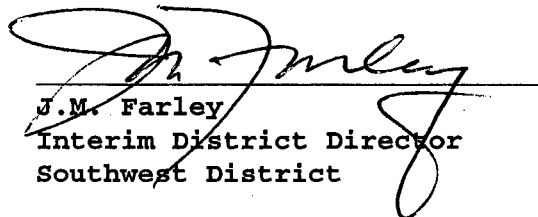
c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.

d. The engineer of record shall provide a report to verify conformance with the project specifications. The report including all related testing results shall be submitted to the Department along with the completion of construction documents.

New July 21, 2003.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

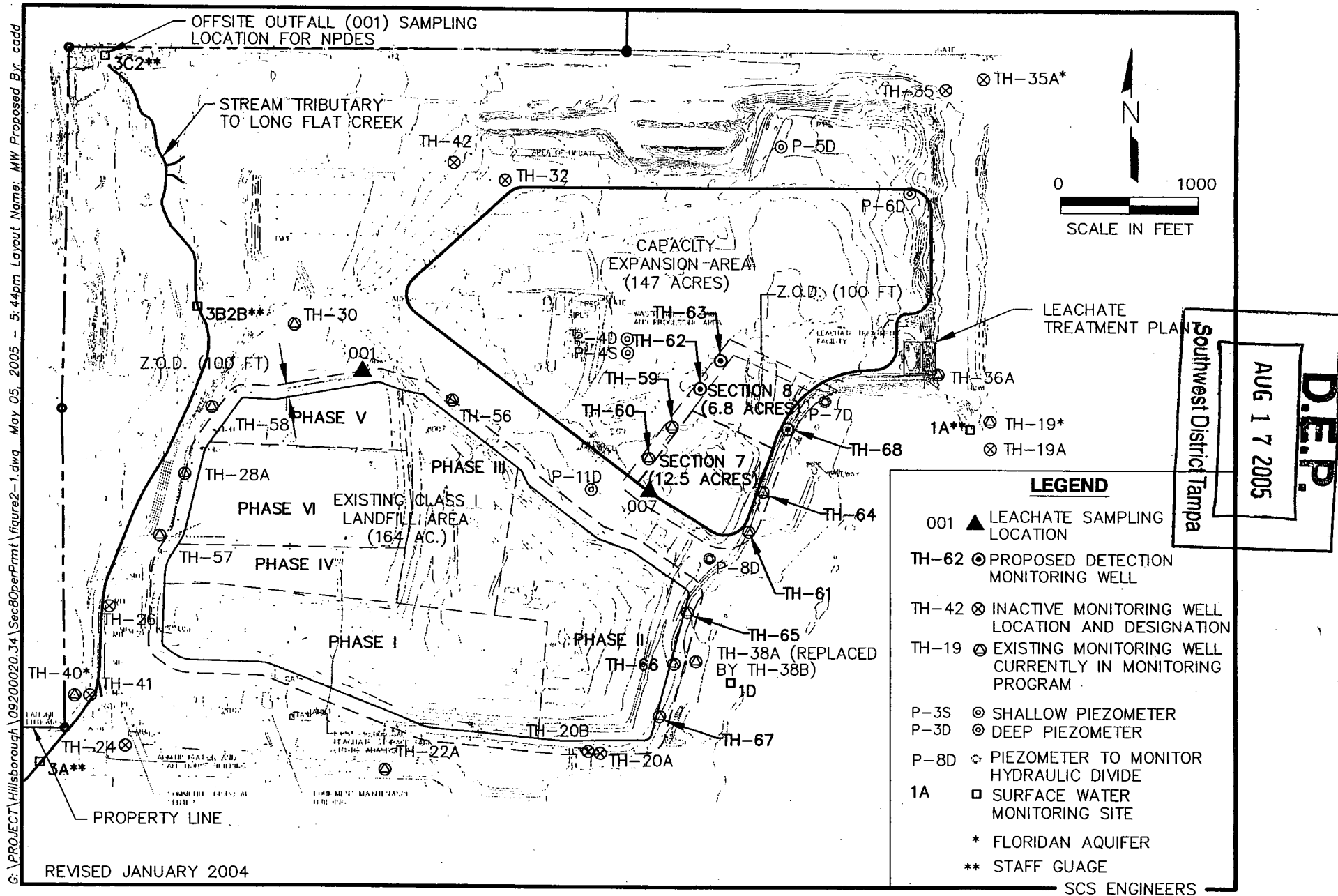

J.M. Farley
Interim District Director
Southwest District

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
4.	180 days prior to permit renewal (December 1, 2006)	Submit permit renewal application
5.b., 28.b.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of: sinkholes, hazardous waste receipt, failure of landfill systems or equipment Written notification & corrective action plan
10.e.	Annually, by April 15th each year	Submit revised Operation Plan or statement of no changes
11.b.	Annually, by September November 1st each year	Submit topographic survey & capacity calculations, and certification
16.f.	Annually, by April 15 th each year April 15, 2003	Submit leachate management field investigation report First evaluation due
16.g.	Within 120 days of permit issuance	Install Temporary Pump Station 6 (TPS 6)
16.h.	30 days prior to expiration	Submit copies of leachate disposal agreements
16.i(1) 42.b.	By June 1, 2004 and December 1, 2006	Submit results and videotape of LCRS inspection/cleaning Submit water quality monitoring evaluation report
16.j(2) 19.c. 32.b., 41. 36.b.	Quarterly, by January 15 th , April 15 th , July 15 th and October 15 th	Submit leachate generation reports Submit gas monitoring results Submit leachate effluent results Submit ground water quality results for surficial aquifer wells
17.	180 days prior to permit renewal (December 1, 2006)	Submit Liner and Leachate Management System Performance Evaluation
20	Within 120 days of permit issuance	Install gas monitoring probes LFG 2, LFG 3 and LFG 4

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
24.	No later than 90 days prior to the date when wastes will no longer be received	Submit Closure Permit application
26.a.	Annually, by September 1 st each year	Submit revised cost estimates
26.b.	Annually	Submit proof of funding
28.c.	Within 60 days of notification	Complete repairs to groundwater monitoring system
28.d.	Within 30 days of notification	Implement corrective action for stormwater or leachate management system damage
31.a.	Annually	Leachate influent sampling/analysis
32.c.	Annually	LTRF sludge sampling/analysis
32.a.	Semi-annually	Sample/analyze treated effluent for primary and secondary drinking water standard parameters and priority pollutants
34.c.	Semi-annually	Sample/analyze surface water
35	Within 120 days of permit modification issuance	Install groundwater monitoring wells TH-22A, TH-28A, TH-38B-TH-65, TH-67
36.b.	Quarterly (surficial aquifer wells) Semi-annually (Floridan aquifer wells)	Sample groundwater monitoring wells
38.b.	Within 1 week of well completion and development	Conduct initial sampling
38.c. 38.d.	Within 90 days of installation	Submit well construction information, and survey drawing
39.	Within 30 days of well abandonment	Submit abandonment report
41.	Annually, by January 15 th each year	Submit leachate influent and sludge analysis
41.	Semi-annually, by January 15 th and July 15 th each year	Submit groundwater (Floridan aquifer wells) and surface water monitoring reports, and leachate effluent quality reports
42.a.	By June 1, 2003	Submit evaluation of groundwater flow between the eastern portion of the landfill and Smith lake



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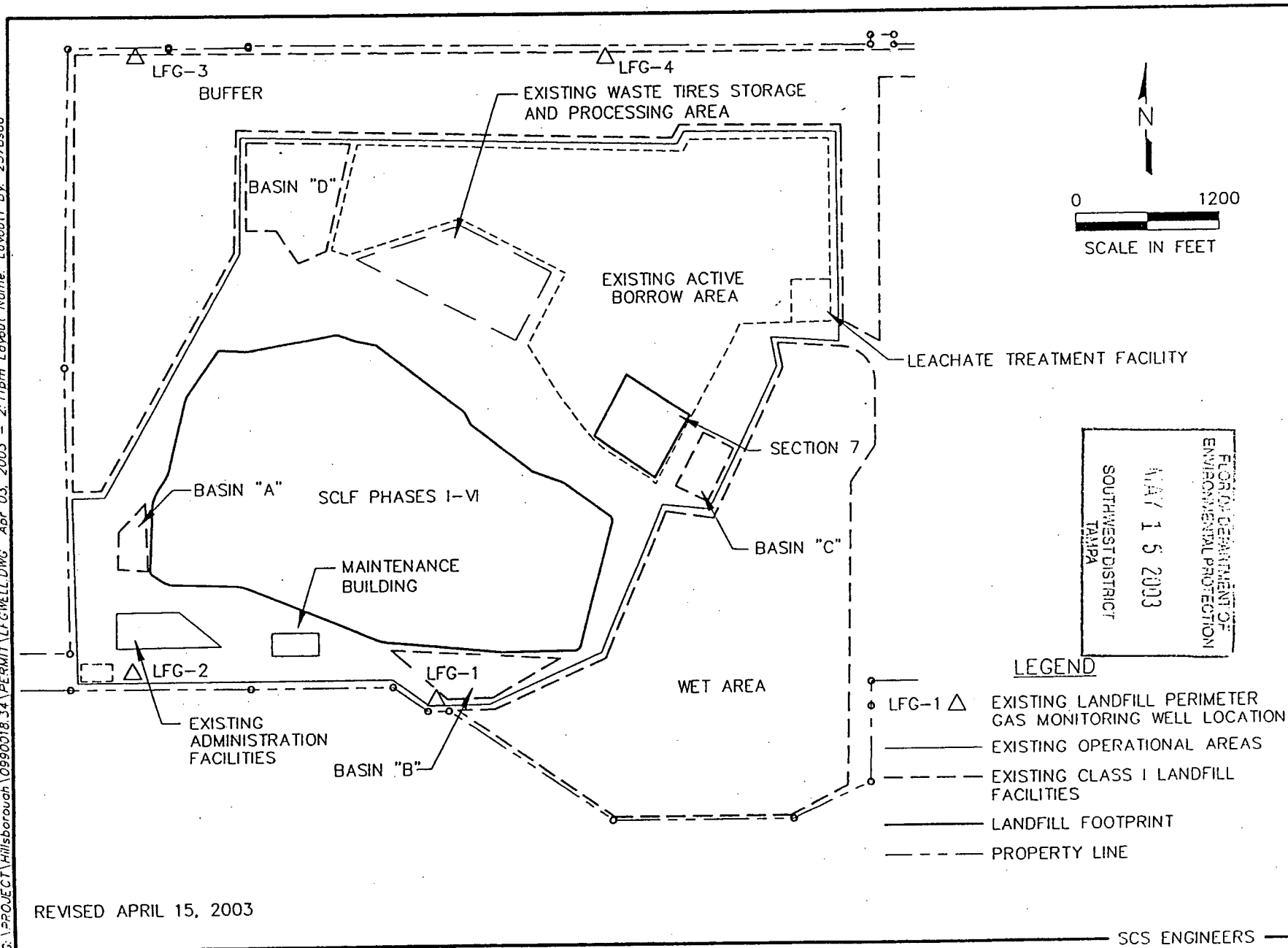


Figure F-1. Landfill Gas Perimeter Monitoring Wells

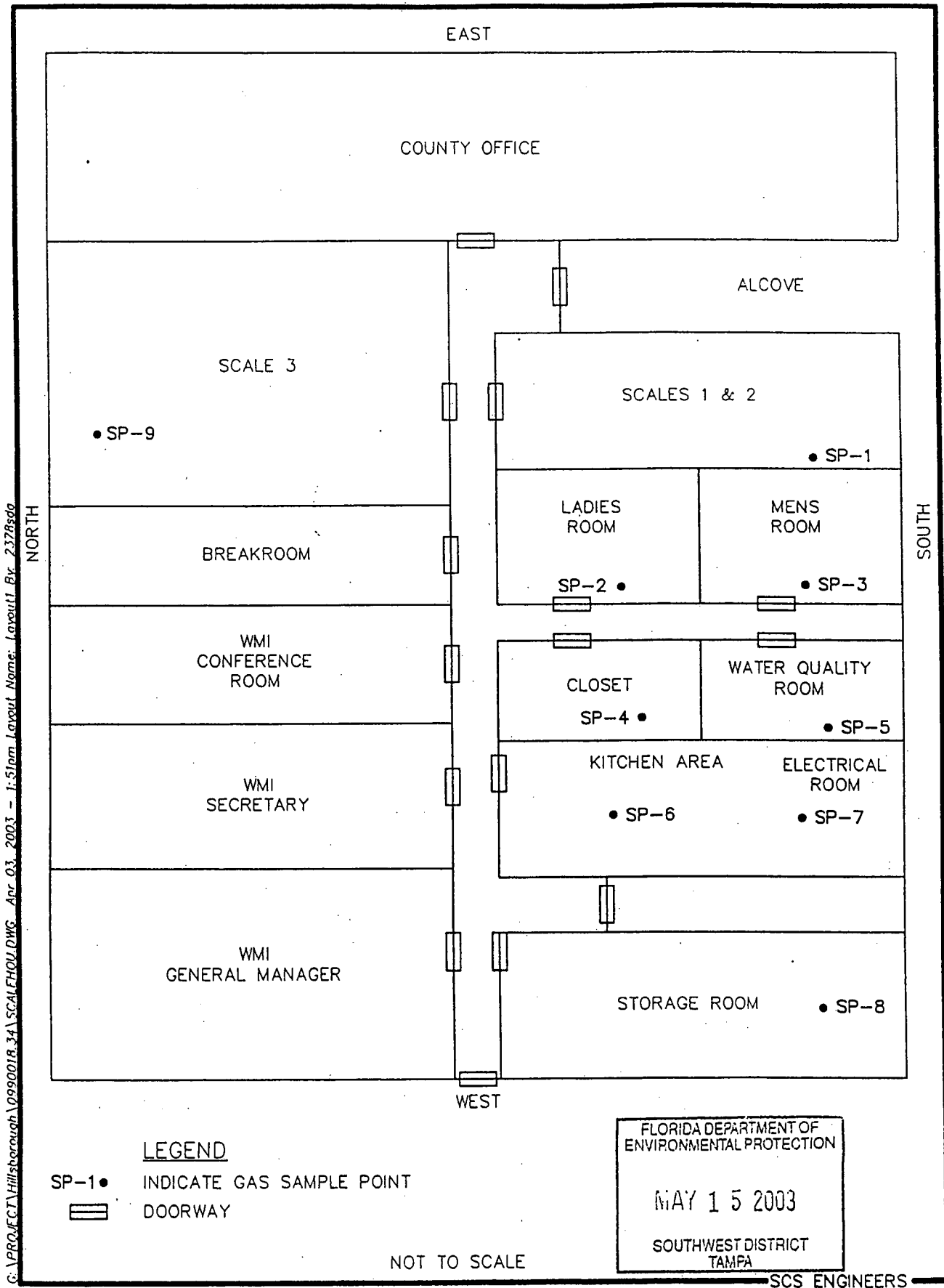
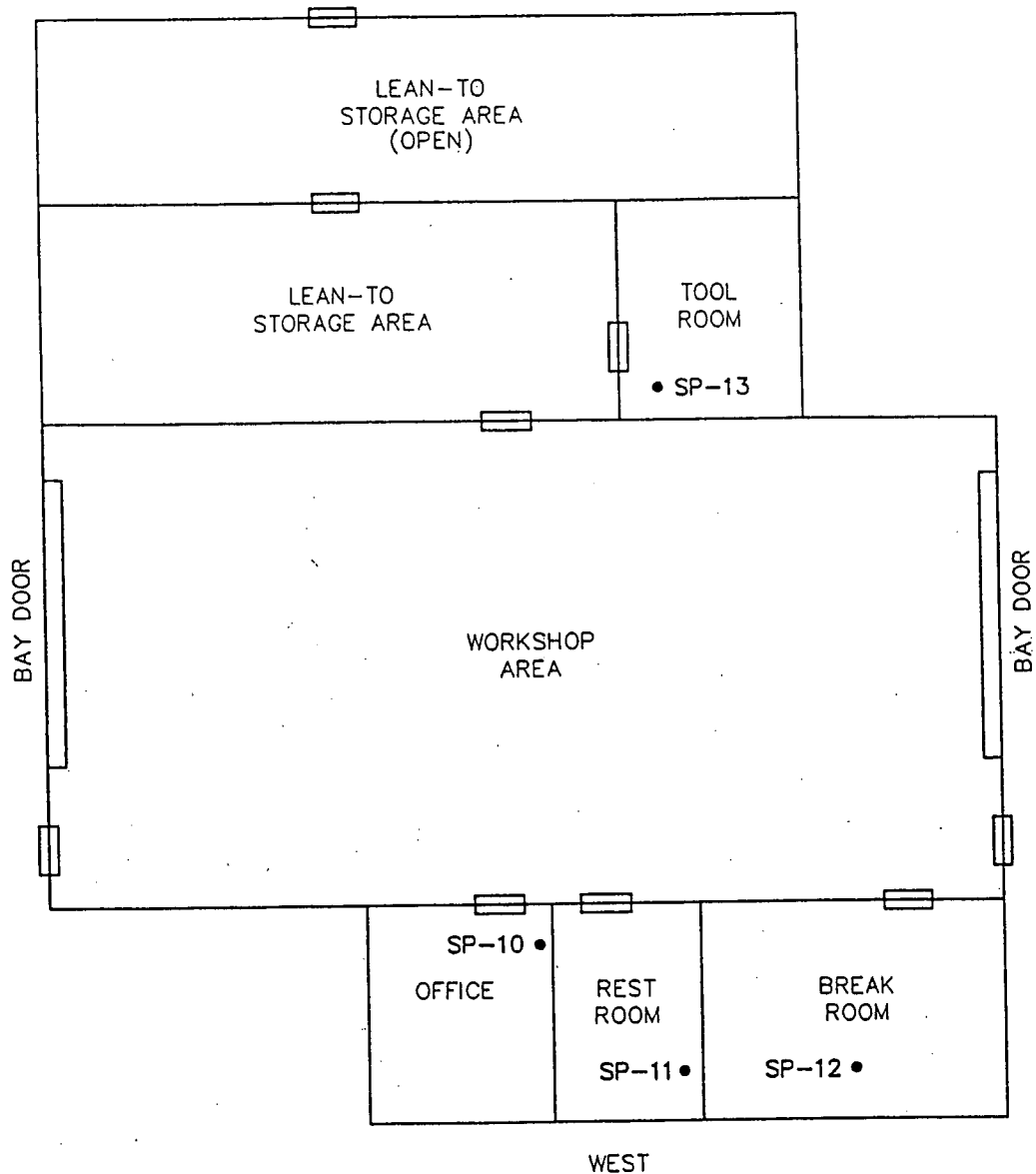


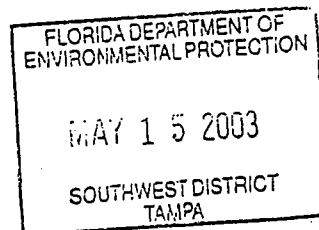
Figure F-2. Scalehouse/Administration Building LFG Monitoring Points.

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LEGEND

- SP-10 • INDICATE GAS SAMPLE POINT
= DOORWAY



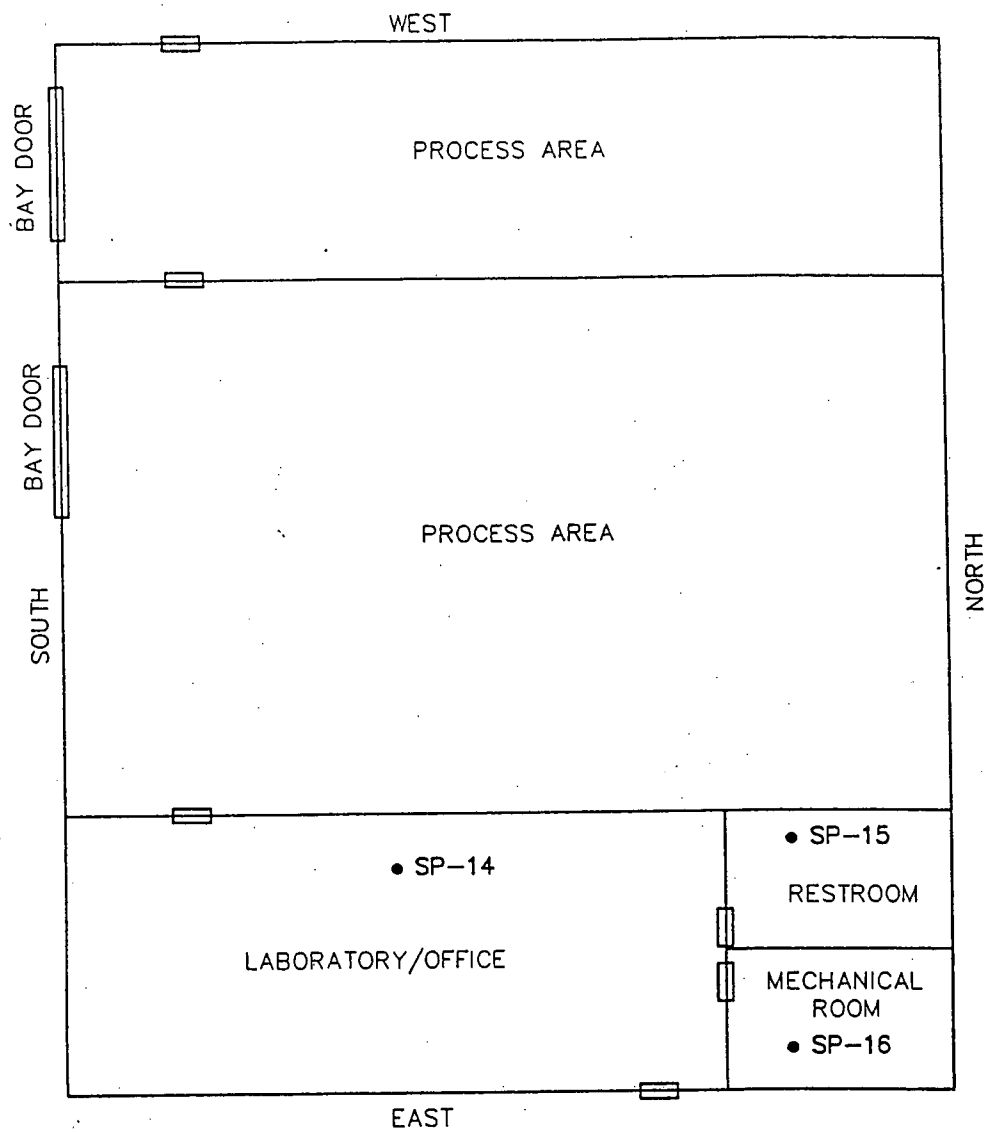
Revised December 10, 2002

NOT TO SCALE

SCS ENGINEERS

Figure F-3. Maintenance Building LFG Monitoring Points.

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LEGEND
SP-14 • INDICATE GAS SAMPLE POINT
= DOORWAY

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 15 2003

SOUTHWEST DISTRICT
TAMPA

Revised December 10, 2002.

NOT TO SCALE

SCS ENGINEERS

Figure F-4. LTRF Office LFG Monitoring Points.

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # <u>62-522.900(3)</u>
Form Title <u>MONITOR WELL COMPLETION REPORT</u>
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: _____

INSTALLATION NAME: _____

DEP PERMIT NUMBER: _____ GMS NUMBER: _____

WELL NUMBER: _____ WELL NAME: _____

DESIGNATION: Background _____ Immediate _____ Compliance _____

LATITUDE/LONGITUDE: _____

AQUIFER MONITORED: _____

INSTALLATION METHOD: _____

INSTALLED BY: _____

TOTAL DEPTH: _____ DEPTH OF SCREEN: _____ (bls)

SCREEN LENGTH: _____ SCREEN SLOT SIZE: _____ SCREEN TYPE: _____

CASING DIAMETER: _____ CASING TYPE: _____

LENGTH OF CASING: _____ FILTER PACK MATERIAL: _____

TOP OF CASING ELEVATION (MSL): _____

GROUND SURFACE ELEVATION (MSL): _____

COMPLETION DATE: _____

DESCRIBE WELL DEVELOPMENT: _____

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): _____

DATE AND TIME MEASURED: _____

REMARKS: (soils information, stratigraphy, etc.): _____

REPORT PREPARED BY: _____

(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(2)
Form Title <u>Ground Water Monitoring Report</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (2) The GMS Identification Number _____
- (3) DEP Permit Number _____
- (4) Authorized Representative Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP # /HRS Certification # _____

 *Comp QAP # /HRS Certification # _____

Lab Name _____

Address _____

Phone Number () _____

Facility GMS #: _____ Sampling Date/Time: _____
Test Site ID #: _____ Report Period: _____
(year/quarter)

Well Type: () Background
 () Intermediate
 () Compliance
 () Other

or (MSL): _____

* Attach Laboratory Reports

Pelz, Susan

From: Pelz, Susan
Sent: Friday, July 21, 2006 1:15 PM
To: Patty Berry (E-mail); Larry Ruiz (E-mail); Joe O'Neill (E-mail); Richard Siemering (E-mail)
Cc: Morris, John R.
Subject: Hills. Co SE LF Section 8 modifications

Patty/Larry,

Please find attached proposed modified permits that allow operation of Section 8 and modification of Phases I-VI to have consistent references for Operation & Groundwater monitoring plans. All changes made for these modifications are in **GREEN** text for your ease of review.

A few other changes were made, such as updating our address & HCEPC address, and the authorization of using street sweepings & ditch cleanings for initial cover.

We did not have an electronic copy of the previous modification for Phase I-VI (modified 7/21/03), so we had to scan it. Some of the annotations of "amended" may not look exactly as before, but I believe that the substance of the conditions has not changed (except for **GREEN** text). The format of the Phase I-VI permit is an artifact of a process that we tried that didn't work well, so the next time you want to modify the permit we can reformat the permit. We can discuss this in more detail at our meeting on 8/17/06, if you like. I apologize for any confusion this may have caused. If you notice any editorial errors, please let me know.

Please provide your comments on these by next Friday. I will route the permits for signature week of 7/31. I will be out of the office next week (Mon.-Wed.) at SWANA conf., and out the week of 8/7.

Thanks,
If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, FL 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us



35435-010-SO 35435-012-SO
_mod.doc _mod.doc

Tracking:

Recipient

Patty Berry (E-mail)
Larry Ruiz (E-mail)
Joe O'Neill (E-mail)
Richard Siemering (E-mail)
Morris, John R.

Read

Read: 7/23/2006 8:34 PM

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Barry M. Boldissar, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: **35435-006-SO**
Date of Issue: **06/25/02**
Expiration Date: **06/20/07**
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15, 22,
23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a landfill, leachate treatment plant and related ancillary facilities (approximately 200 acres), referred to as Phases I - VI of the Southeast County Class I Landfill Facility, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of:

1. Class I Landfill and related facilities

General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

Includes modification No. 35435-008, issued July 21, 2003.

Includes modification No. 35435-012, issued _____.

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

GENERAL CONDITIONS:

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class I landfill (Phases I - VI), leachate treatment plant and related facilities in accordance with the reports, plans and other information submitted by SCS Engineers, Inc. (SCS) (unless otherwise noted) as follows:

a. Operation Permit Renewal Application, Southeast County Landfill, Hillsborough County, Florida, dated May 2001 (received May 3, 2001) including information revised as follows (inserted into original):

- 1) Information dated July 16, 2001 (received July 17, 2001),
- 2) December 14, 2001 (received December 14, 2001), and
- 3) March 4, 2002 (received March 4, 2002);

b. ~~Attachment L-2, Groundwater Monitoring Plan Evaluation,...~~ dated ~~April 15, 2003 July 2001 (received April 15, 2003 July 17, 2001),~~ including revised pages 2-3 received April 2, 2002 May 5, 2003, Amended July 21, 2003; **Replaced** _____.

c. ~~Attachment K-1, Operations Plan,...~~ dated May 12, 2003 May 2001 as revised July 2001 (received May 15, 2003 July 17, 2001), including supplemental information received March 4, 2002, Amended July 21, 2003; **Replaced** _____.

d. Leachate Management Plan (LMP),... dated May 12, 2003 May 2001 as revised July 2001 (received May 15, 2003 July 17, 2001) including supplemental information received March 4, 2002, June 20, 2002 and June 24, 2002; Amended July 21, 2003.

e. Plan sheets titled, Southeast County Landfill Operating Sequence, Permit Renewal - Appendix E, August 1994,... received August 22, 1994, including the following revised sheets:

- 1) Drawing 2 of 21, "Index, Legends and General Notes," received July 17, 2001;
- 2) Drawing 3 of 21, "Final Drainage Plan/Plot Plan," received July 17, 2001;
- 3) Drawing 7 of 21, "Phases V and VI - Lifts 7C, 7D and 7F," received July 20, 2001;
- 4) Drawing 8 of 21, "Phases I to IV - Lifts 8 to 11," received May 3, 2001;
- 5) Drawing 16B of 21, "Semi-annual Landfill Sections 3," received July 17, 2001;

SPECIFIC CONDITIONS:

(Specific Condition #2.e., continued)

- 6) Drawing 16C of 21, "Semi-annual Landfill Sections 4," received July 17, 2001;
 - 7) Drawing 16D of 21, "Semi-annual Landfill Sections 5," received July 17, 2001;
 - 8) Drawing 16E of 21, "Semi-annual Landfill Sections 6," received July 17, 2001;
 - 9) Drawing 17 of 21, "Landfill Sections," received July 17, 2001;
 - 10) Drawing 19 of 21, "Details 2," received July 17, 2001
- f. Plan sheets titled, Southeast County Landfill Lift 7 - Phases V and VI Sequence Drawings,... (9 sheets, replacing Drawings 6 and 7 of 21 dated August 1994) received December 31, 1998, except Drawing 7 of 21 as subsequently revised above;
- g. "Facility Site Plan and Existing Topography," Drawing 1 of 1, dated April 18, 2001 (received May 3, 2001);
- h. "Estimated Top of Clay Contours (as of January 2001)," Drawing 1 of 1, dated May 2001, as revised July 16, 2001 (received July 17, 2001), except as revised by Figures D-1 and D-2, Appendix D, received March 4, 2002;
- i. General Process and Operation Manual for the PACT Leachate Treatment System (March 1994) received October 23, 1996;
- j. Application for permit modification and supporting information as follows:
- 1) Operation Plan Phases I-VI and Sections 7 and 8 Capacity Expansion, dated August 17, 2005, prepared by SCS (including revised pages received October 3, 2005 and January 30, 2006) (3 ring binder replaces Operation Plan listed in SC#2.c);
 - 2) Ground Water Monitoring Plan, Phases I-VI and Sections 7, 8 and 9, (prepared by JEA, dated June 2006) (3 ring binder replaces Groundwater monitoring plan listed in SC#2.b.);

New _____.

and in accordance with all applicable requirements of Department rules.

SPECIFIC CONDITIONS:

3. Permit Modifications.

a. Construction, operation, or other activities subject to the Department's Solid Waste Regulations, not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the operations at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

b. This permit authorizes the operation of the existing Class I landfill (Phases I - VI), leachate treatment facility and related appurtenances. This permit does not authorize the operation of the class I landfill Section 7 capacity expansion northeast of the existing landfill (construction permit #35435-004-SC). ~~Operation of the class I landfill expansion shall require a major (substantial) modification of this permit prior to operation. Operation of Pond B is not authorized by this permit until Department approval of the Certification of Construction Completion documentation required by Specific Condition #7 of construction permit #35435-005-SC.~~
Amended July 21, 2003.

c. Certification of Construction Completion shall be submitted for all Department-approved design features (such as stormwater related drainage improvements) in accordance with Specific Condition #47., below.
Amended July 21, 2003.

4. Permit Renewal. No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.320(10). Operation permit renewal shall include but not be limited to an updated Operations Plan and Site Plans for the sequence of filling with cross-section of lifts for changes if necessary.
Amended July 21, 2003.

5. Prohibitions.

a. The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this site.

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified **within 24 hours** of discovery. Written notification shall be submitted **within 7 days** of discovery. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

SPECIFIC CONDITIONS:

6. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

7. **Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rule 62-701.500, F.A.C.; the information listed in Specific Condition #2, above; and any other applicable requirements.

b. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater outside the liner and leachate management systems at any time. ~~during the construction or operation of this facility.~~
Amended July 21, 2003.

c. Leachate discharge to area surface waters is not authorized by this permit. ~~Surface water discharge~~ and shall be considered a violation of this permit. ~~and~~ The permittee shall immediately report any such discharge to the Southwest District Office of the Department in accordance with Specific Condition #28.b., below.
Amended July 21, 2003.

d. The permittee shall clearly stake/mark the location of the edge of the geomembrane liner and maintain the locations as the landfill increases in elevation to prevent waste disposal and leachate runoff outside the geomembrane liner. The staking/markers shall be maintained at all times.

e. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Daily on operating days, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

f. The Class I disposal area shall be operated to limit the leachate head to one foot above the liner.

g. Waste shall not be disposed (i.e. covered, compacted, etc.) during non-daylight hours, unless sufficient lighting is provided to adequately assess the materials and remove unacceptable wastes.

h. Sufficient personnel and equipment shall be utilized to adequately operate the facility.

i. *Unauthorized Wastes.* A sufficient number of spotters and operators shall be utilized at the facility for removing unacceptable wastes. At a minimum, spotting shall occur at the working face from the ground (i.e. while off of the equipment).

SPECIFIC CONDITIONS:

(Specific Condition #7, continued)

j. *Site Inspections.*

1) The owner or operator shall inspect the site for erosion daily. Erosion shall be repaired in accordance with Specific Condition #28.e., below.

2) The owner or operator shall inspect the landfill facility at least quarterly for the presence of objectionable odors at the monitoring points LFG-1, LFG-2, LFG-3, and LFG-4. In the event that odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #27, below.

3) The owner or operator shall inspect the normal traffic areas of the facility for litter daily on operating days. The accessible property boundaries shall be inspected for litter at least weekly. Litter shall be collected and disposed of in the Class I landfill, at least once per day on operating days, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures within 30 days.

k. *Emergency/Contingency Operations.*

1) In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (greater than 72 hours) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

2) *Equipment.* In the event of equipment breakdown or scheduled maintenance of essential equipment (such as equipment required for spreading, compacting and covering waste), the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence. In the event that sufficient reserve equipment is not obtained within 24 hours, the facility shall cease operation until sufficient equipment is operating at the site.

3) *Fires.* In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition #28.b., below, and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. ~~In no event shall the 12.5 acre SCLF Expansion Section 1 be used for waste disposal without prior written Department approval.~~

Amended July 21, 2003.

8. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the plan sheets listed in Specific Conditions #2.e and f., above, the Operations Plan [ref. SC#2.c.], and Table 1, Southeast Landfill Filling Sequence [ref. SC#2.a., Appendix J, July 16, 2001].

SPECIFIC CONDITIONS:

9. Operating Personnel.

a. The owner or operator shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner. Amended July 21, 2003.

b. Sufficient trained personnel shall be available, to adequately operate the facility in compliance with this permit and Department rules. As required by Rule 62-701.500(1), F.A.C., at least one trained operator shall be at the Class I landfill at all times when the landfill receives waste. At least one trained spotter shall be at the working face when waste is received and unloaded, to inspect each load of waste from the ground (while off of the equipment), and to identify and properly manage prohibited materials. Amended July 21, 2003.

c. The permittee shall notify the Department in writing of a change of the County's primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request. Amended July 21, 2003.

10. Operation Plan and Operating Record.

a. Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

b. Unless specified otherwise in this permit, all submittals, notifications, requests for permit modification, etc. shall be provided to the Southwest District Solid Waste Section, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Hillsborough County Environmental Protection Commission, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.

Amended _____.

c. Proposed changes to the current Department-approved Operations Plan shall be submitted in writing to the Department for review and may require a permit modification in accordance with Specific Condition #3. ~~unless otherwise approved in writing by the Department.~~ The Operations Plan shall be updated as operations change and for renewal of the permit. Revised pages shall be provided as replacement pages with revisions noted (deletions may be ~~struckthrough~~ (struckthrough) and additions may be shaded (shaded) or similar method may be used) and each page numbered with the document title and date of revision. ~~The Operations Plan shall be reviewed and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department annually, by April 15th each year.~~
Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #10., continued)

d. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:

- 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
- 2) A log of the facility operator's daily inspections, and any subsequent corrective actions;
- 3) Load checking records;
- 4) A list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;
- 5) Operator and spotter training certificates and other documentation; and
- 6) Log of odor complaints and corrective action; and
- 7) Records as described in Rule 62-701.500(13).
Amended July 21, 2003.

11. Waste Records.

a. Waste records shall be maintained as required by Rules 62-701.500(4). The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled monthly and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) **quarterly, by January 15th, April 15th, July 15th and October 15th of each year.** Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition. ~~Records shall be maintained as required by Rules 62-701.500(4), and 62-701.500(13), F.A.C., and the conditions of this permit. Except water quality monitoring reports (e.g. groundwater, surface water and leachate), these records shall be maintained onsite, and copies provided to the Department upon request, or as otherwise specified in this permit. Water quality monitoring reports may be maintained at the site or at the County downtown office.~~
Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #11, continued)

b. The owner or operator shall conduct a topographic survey of the Class I disposal area, and shall estimate the remaining disposal capacity and site life as required by Rule 62-701.500(13)(c), F.A.C. **Annually, no later than September 1st each year November 1st** ~~each year~~, a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or professional land surveyor as appropriate, ~~and revised sequence of filling drawing~~ shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design exterior sideslopes (4H:1V), ~~3H:1V~~ and that the top elevation does not exceed design elevation, and that all other design features and related improvements conform to the Department-approved operating sequence drawings. Certification of Construction Completion shall be submitted with the survey in accordance with Specific Condition #47., below..

~~e. All notifications required by this permit, requests for permit modification and other reports shall be submitted to the Department's Southwest District office and also to Hillsborough County EPC, Solid Waste Section.~~
~~Deleted July 21, 2003.~~

12. Monitoring of Waste.

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request. Load checks shall document the occurrence, type of unacceptable wastes, removal and disposition of unauthorized wastes discovered in the loads.

b. The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #28.b., below.

c. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customer's name and date of disposal, shall be kept on file by the operating authority on-site.

SPECIFIC CONDITIONS:

13. Special Wastes.

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the information referenced in Specific Conditions #2.a. and #2.c. (Operations Plan); Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented.

b. Scrap metals. The scrap metals shall be removed from the site at least monthly, or when the container is full, whichever occurs first. Scrap metals which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. The maximum quantity of scrap metal which may be stored at the site is limited to two 40 c.y. roll-off containers.

c. Asbestos. Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C.; the Operations Plan; and all other applicable federal and Department rules.

d. Unauthorized special wastes (e.g. lead acid batteries, white goods, etc.), found at the working face, shall be stored in locations which do not adversely affect the sequence of filling. These wastes which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. These wastes shall be removed from the site for proper disposal at least **monthly**.

1) White Goods. The white goods shall be removed from the site at least **every 30 days**. ~~or when the container is full, whichever occurs first.~~ White goods which may contain chlorofluorocarbons (CFCs, such as freon), shall be stored and managed in a manner such that the CFCs are not discharged to the atmosphere. White goods which have had the refrigerant appropriately removed shall be clearly marked. A maximum of 50 white goods may be stored at the site at any time.
Amended July 21, 2003.

2) Lead acid batteries. The batteries shall be stored in a manner which prevents the discharge of contaminants to the environment. A maximum of 30 batteries may be stored at the site at any time.

3) Used oil. Used oil shall be stored in containers, and is limited to a maximum of 20 gallons stored at any time.

SPECIFIC CONDITIONS:

14. **Waste Handling Requirements.** All solid waste disposed of in the Class I disposal area shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial cover shall be applied and maintained daily in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

1) All solid waste disposed of in the Class I disposal area must be covered with at least 6 inches of compacted earth or other suitable material as approved by the Department in writing, at the end of each working day. Areas which have received initial cover and exhibit erosion which results in exposed waste shall be repaired **by the end of the next working day.**

2) Alternate initial cover materials not identified herein shall be approved by the Department prior to use at the facility.

- For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin.
- Waste tires that have been cut into sufficiently small parts, which means that 70 percent of the waste tire material is cut into pieces of 4 square inches or less and 100 percent of the waste tire material is 32 square inches or less, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area.
- Municipal solid waste ash, or a 50% ash and 50% mulch mixture, applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area.
- A 50% soil and 50% mulch mixture applied in a six (6) inch compacted layer may be used as initial cover. ~~with prior Department approval.~~

Amended July 21, 2003.

- Ditch cleanings, stormwater sediments, and street sweepings, that are adequately dewatered and have had solid wastes removed, may be used for initial cover. Ditch cleanings, stormwater sediments, and street sweepings that will be used for initial cover shall be stored within the lined landfill footprint.

New _____.

b. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(a) and (f), F.A.C.

1) An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion ~~at all landfills~~ if final cover or an additional lift is not to be applied within 180 days of cell completion.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #14.b., continued)

2) Soil materials which have been previously used for intermediate or initial cover, and which contain solid waste (including ash), shall not be re-used on slopes which discharge to the stormwater management system or as interceptor ~~perimeter~~ berms around the perimeter of the active working face area. These materials may be re-used as initial cover provided the runoff from these areas is managed as leachate.

Amended July 21, 2003.

3) Materials other than soil shall not be used for intermediate cover without prior written Department approval.

15. Working Face.

a. As required by Rule 62-701.500(7)(d), F.A.C., the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously and to minimize the exposed area.

b. **Interceptor berms and/or swales shall be maintained around the working area to prevent leachate runoff from the working face from entering the stormwater management system.** Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste, and have been adequately ~~intermediately~~ covered with at least 6 inches of compacted soil (or a mixture of soil/mulch) free of waste ~~as defined by Rule 62-701.200(55), F.A.C.,~~ and stabilized to control erosion.

Amended July 21, 2003.

c. Waste shall be spread and compacted in accordance with the Operations Plan [ref. SC#2.c., page K-8]. The working face slope ~~Slopes~~ shall be no greater (steeper) than 3H:1V ~~4H:1V~~ [ref. SC#2.c., ~~K-7.d.~~].
Amended July 21, 2003.

d. During normal operations, only one working face will be active at any time, with the solid waste at all other areas within the landfill secured by a minimum six inches of initial cover. The working face may move in alternating months from Phases I-VI to Section 7/8, and may not be consecutive alternating months. [ref. Op Plan, §L2.e.]

New _____.

16. Leachate Management.

a. Leachate shall be managed in accordance with the requirements of Rule 62-701.500(8), F.A.C., the information submitted in the references listed in Specific Condition #2, above, and other applicable Department rules.

b. Leachate which has accumulated on the surface in low areas within the active disposal area shall be removed from the disposal area within 72 hours ~~one (1) week of detection~~.

SPECIFIC CONDITIONS:

(Specific Condition #16, continued)

c. In the event that the leachate level in Pump Station B exceeds 24 inches, the operation of the PPS-B pump(s) and Bubbler Pump Controller shall be evaluated. If the cause of excessive leachate in PPS-B is pump failure, a replacement pump shall be installed within 8 hours of detection of the pump failure [ref. SC#2.a., Response #12(e)(5)d, July 16, 2001], otherwise, the Department shall be notified in accordance with Specific Condition #28.b., and a corrective action plan shall be submitted for Department approval.

Amended July 21, 2003.

d. The leakage action rate for the LDS in Pond B is 1500 gallons/day. In the event that this leakage action rate is exceeded, a permanent submersible pump shall be installed in the LDS [ref. SC#2.a., Response #9(i)(14), December 14, 2001]. Pond B may be used for leachate storage only with prior, written Department approval. The request for use of Pond B for leachate storage shall include the information described in the Leachate Management Plan, Section 4.7 ~~(page 4-5)~~ [ref. SC#2.d.].

e. The effluent depth in Pond A shall not exceed 4.5 feet. The effluent/leachate depth in Pond B shall not exceed 3.6 ~~4.5~~ feet.

f. In order to measure the potentiometric levels in the SCLF, the following field investigation (described in the LMP, Section 6, ~~page 6-2~~ [ref. SC#2.d.]) will be conducted **annually**, and submitted to the Department **by April 15th each year**. The first investigation is due no later than **April 15, 2003**. Piezocone soundings will be performed in the vicinity of PC-1B (Phase I), PC-4B/PC-4C (southeastern portion of Phase IV), PC-3/PC-3B (northeastern portion of Phase III), and PC-1F (eastern end of Phase I), as shown on Figure 6-1 (attached). The piezocones soundings will collect the following data:

- 1) Pore pressure above the phosphatic clays (within the sand drainage layer).
- 2) Elevation of the top and bottom of the phosphatic clays.
- 3) Pore pressure at the top, middle, and bottom of the phosphatic clay.
- 4) Pore pressure below the phosphatic clays.

A report will be prepared, signed and sealed, by a registered professional engineer following each monitoring event and submitted to the Department, presenting the findings and conclusions relative to the performance of the leachate collection system and recommendations as appropriate.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #16., continued)

g. ~~Within one hundred twenty (120) days of issuance of this permit, the permittee shall install Temporary Pump Station No. 6 (TPS-6).~~ TPS-6 will consist of a vacuum assisted pump (similar to PPS-B) with a 3-inch to 4-inch diameter suction line installed within the header of cleanout 4-1 to reach 600 feet into the landfill near the top of clay elevation +114 feet NGVD. ~~TPS-6 shall be equipped with a bubbler level control system, similar to PPS-B. [ref. SC#2.a, Response #7.f, March 4, 2002]~~ TPS-6 shall remain in place, and continue to be operated and maintained as described in the LMP Section 4.9, unless otherwise authorized by the Department.

Amended July 21, 2003.

h. *Leachate Disposal.*

1) In the event that the on-site Leachate Treatment and Reclamation Facility (LTRF) is not operational, leachate shall be hauled offsite for disposal at an appropriately permitted wastewater treatment facility. ~~[ref. SC#2.a, Section K.8.d, May 2001]~~. No later than **thirty (30) days** prior to the expiration of any contracts or agreements for the disposal of leachate at wastewater treatment facilities, the permittee shall provide a copy of the contract renewal or the issuance of a new contract for leachate disposal.

Amended July 21, 2003.

2) In the event that the primary leachate disposal facility or the LTRF becomes unable or unwilling to accept leachate for disposal, **within three (3) days** of the cessation of leachate acceptance by the POTW or LTRF, the landfill owner or operator shall notify the Department and shall explain the contingency measures which will be implemented. The contingency measures shall be implemented **within seven (7) days** of the cessation of leachate acceptance at the POTW or LTRF, or in accordance with an alternate schedule approved by the Department.

i. *Leachate Collection System Inspections/Maintenance.*

1) The leachate collection and removal system and gravity pipelines, shall be visually or video inspected or water pressure cleaned at cleanouts 4-1, 5-1, 5-2, 5-3, 6-1 and PPS-B access pipes to verify adequate performance twice during this permit period. Force mains shall be video inspected or water pressure cleaned when the pump station performance indicates that the force mains may be ~~are~~ obstructed. Components not performing adequately shall be cleaned and/or repaired. **By June 1, 2004 and no later than December 1, 2006**, a report summarizing the results, and copies of the videotape of this inspection shall be submitted to the Department to demonstrate adequate performance of the leachate collection and removal system. The inspection report shall include an evaluation of the effectiveness of the system, the locations of cleaning and video inspections (indicated on a Site Plan drawn to scale) and cause of all obstructions encountered, proposed corrective actions and schedule for implementation of corrective actions as appropriate. If the pipes are water-jet cleaned, the report shall include a description of the method of cleaning. The permittee shall retain a copy of the videotape at the facility for reference and shall provide a copy to the Department.

SPECIFIC CONDITIONS:

(Specific Condition #16.i., continued)

2) Each pump and pump station and related sensors and controller mechanisms ~~Bubbler Pump Controller (BPC)~~ shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and repair, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility, and provided to the Department upon request.
Amended July 21, 2003.

3) Unless otherwise specified in this permit, the leachate collection and removal system components shall be inspected and maintained as described in the Leachate Management Plan [see Section 3, Table 3-1, ref. SC#2.d.].

j. *Leachate quantities.*

1) In the event of a failure of leachate metering or pumping equipment which is not corrected within 24 hours of detection, the Department shall be notified, and corrective actions implemented in accordance with Specific Condition #28.b., below.

2) Leachate generation reports shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th each year.** Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, recirculated, treated and disposed on-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

k. *Leachate Treatment and Removal System Operation.*

1) The leachate storage tanks shall be inspected as required by Rule 62-701.400(6)(c)9., F.A.C., and in accordance with the conditions of this permit. The tanks, containment area, truck loadout area, and other leachate treatment and storage system appurtenances shall be inspected at least weekly for leakage or other damage.

2) Biosolids and sludge from the LTRF shall be characterized at least **annually**, in accordance with Specific Condition #32.c., to demonstrate that the sludge and biosolids are non-hazardous. The sludge and biosolids shall be dewatered sufficiently (i.e. pass the paint filter test, EPA method 9095) prior to disposal in the landfill.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

17. **No later than one hundred eighty (180) days prior to permit expiration (December 1, 2006),** the permittee shall submit an evaluation of the performance of the clay bottom liner and leachate management system. The evaluation is to assure the Department that the clay bottom liner is consolidating as originally designed and to estimate the amount of consolidation and settlement of the clay bottom liner which has actually occurred. The evaluation shall be based on actual field data and shall include: a summary of clay performance and leachate management system performance based on the annual evaluations required by Specific Condition #16.f., above; leachate generation rates; top of clay contours and actual field measurements. The evaluation shall include recommendations for improvements to the liner and leachate collection and removal systems, if necessary, and shall be certified by a professional engineer.

18. **Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and Cc, as adopted by reference at Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

19. **Gas Monitoring.**

a. Landfills that receive biodegradable wastes shall have a gas management system designed to prevent explosions and fires, and to minimize off-site odors, lateral migration of gases and damage to vegetation. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C., (less than 25% of the lower explosive limit (LEL) for combustible gases in structures, and less than 100% LEL for combustible gases at or beyond the property boundary).

SPECIFIC CONDITIONS:

(Specific Condition #19., continued)

c. The results of quarterly monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

<u>Measured During</u>	<u>Report Submitted By</u>
Quarter 1	April 15 th of each year
Quarter 2	July 15 th of each year
Quarter 3	October 15 th of each year
Quarter 4	January 15 th of each year

Amended July 21, 2003.

20. **Gas Monitoring Locations.** All enclosed structures and the following gas monitoring locations shown on Figures F-1, F-2, and F-3, and F-4 prepared by SCS Engineers (attached), shall be sampled at least quarterly for the lower explosive limit of methane, as described in Rule 62-701.530(2), F.A.C.

<u>Monitoring Point</u>	<u>Location</u>	<u>Location Description</u>
LFG-1	Figure F-1	South property boundary
LFG-2*	↓	Southwest property boundary
LFG-3*	↓	Northwest property boundary
LFG-4*	↓	North property boundary
S/A-SP-1	Figure F-2	Scalehouse/Admin. Bldg
S/A-SP-2	↓	↓
S/A-SP-3	↓	↓
S/A-SP-4	↓	↓
S/A-SP-5	↓	↓
S/A-SP-6	↓	↓
S/A-SP-7	↓	↓
S/A-SP-8	↓	↓
S/A-SP-9	↓	↓
M-SP-110	Figure F-3	Maintenance Building
M-SP-211	↓	↓
M-SP-312	↓	↓
M-SP-413	↓	↓
SP-14	Figure F-4	Leachate Treatment Facility Office
SP-15	↓	↓
SP-16	↓	↓

~~* = to be installed within 120 days of permit issuance~~

Gas monitoring probes LFG-1 through LFG-4 are to be clearly labeled and easily visible at all times.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

21. **Gas Remediation.** If the results of gas monitoring show that combustible gas concentrations exceed 25% of the LEL calibrated to methane in structures or 100% of the LEL calibrated to methane at the property boundary, the permittee shall immediately take all necessary steps to ensure protection of human health and notify the Department. **Within seven (7) days** of detection, a gas remediation plan detailing the nature and extent of the problem and the proposed remedy shall be submitted to the Department for approval. The remedy shall be completed **within sixty (60) days** of detection unless otherwise approved by the Department.
Amended July 21, 2003.

22. **Stormwater Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C.

b. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance and shall be repaired in accordance with the Operations Plan and the conditions of this permit. ~~For Conveyances not performing adequately due to erosion or related sedimentation shall be repaired within seven (7) days., corrective action shall be implemented within thirty (30) working days.~~ Documentation of all inspections and repairs shall be kept on file at the facility. [ref. SC#2.c., Section K-7.j., page K-11]
Amended July 21, 2003.

23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Chapter 62-296, F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department and the Hillsborough County Environmental Protection Commission, in accordance with Specific Condition #28.b., below.

24. **Closure Permit Requirements.** **No later than ninety (90) days** prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules.

SPECIFIC CONDITIONS:

25. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed within 180 days of reaching design dimensions in accordance with Rule 62-701.500(7)(g), F.A.C., and all applicable requirements of Department rules.

26. **Financial Assurance.** The permittee shall provide financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by September 1st each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Fl. 33637.

Amended _____.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

27. **Control of Nuisance Conditions.**

a. The operating authority shall be responsible for the control of odors and fugitive particulates (dust) arising from this operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

b. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors offsite, the owner or operator shall submit an odor abatement plan to the Department **within sixty (60) days** of initial detection. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

28. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of: access to disposal areas; equipment; stormwater systems; cover systems; leachate collection, removal, treatment and storage systems; and gas migration control systems, surface water monitoring system, groundwater monitoring system, and the prevention of erosion and ponded water in disposal areas.

SPECIFIC CONDITIONS:

(Specific Condition #28., continued)

b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including damaged or dry groundwater monitoring wells) fire, explosion, the development of sinkhole(s) or other subsurface instability, at the site, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence. Routine maintenance does not require notification but shall be noted on daily reports.

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #38, or as otherwise approved by the Department.

d. In the event that the ~~stormwater or~~ leachate management systems are damaged or are not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department.

e. ~~For~~ Intermediately covered disposal areas, or other disposal areas which discharge to the stormwater management system, which exhibit significant erosion, ~~the permittee shall be repaired according to the following schedule: implement corrective action within 3 days of detection [ref. SC#2.c., page K-11]. For the purposes of compliance with this Specific Condition, "significant" means that either:~~

- 1) If the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, then repaired within seven (7) days; and
- 2) If waste or liner is exposed, then repaired by the end of the next working day.

f. Turbidity shall be controlled by methods approved by the Department. By October 1, 2003, the permittee shall submit an evaluation of the effectiveness of the turbidity control methods including all of the information required as part of the Department's April 3, 2003 letter.
Amended July 21, 2003.

SPECIFIC CONDITIONS:

29. Water Quality Monitoring Quality Assurance.

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) ~~follow all applicable procedures~~ described in DEP SOP-001/01 (January 2002), as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that are certified by the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(1), F.A.C., and in accordance with the schedule referenced in Rule 62-160.300(2), F.A.C. ~~in accordance with the schedule referenced in Chapter 62-160, F.A.C.~~ The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.
Amended July 21, 2003.

b. The field testing, sample collection, sample preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department, or as published in Standard Methods or by A.S.T.M., or EPA methods shall be used. ~~Alternate field procedures and laboratory methods may be used if they have been approved according to the requirements of Rule 62-160.220 and 62-160.330, F.A.C.~~
Amended July 21, 2003.

30. Zone of Discharge.

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.

SPECIFIC CONDITIONS:

31. **Leachate Influent Sampling.** Grab samples of leachate influent (WACS testsite ID No. 919) shall be collected from the PPS-A (Leachate Sampling Location No. 001 as shown on attached Figure M-1 prepared by SCS Engineers, received August 17, 2005) by manually lowering and retrieving leachate using a decontaminated Teflon bailer to comply with the requirements of Rules 62-701.510(5) and 62-701.510(6)(c), F.A.C., as follow:

- a. **Annual** leachate influent sampling shall be conducted for analysis of the following parameters:

Field Parameters
Specific conductivity
pH
Dissolved oxygen
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Bicarbonate
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

- b. If the annual leachate influent analysis indicates that a contaminant listed in 40 CFR Part 261.24 exceeds the regulatory level listed therein, the permittee shall initiate monthly sampling and analysis of the parameters listed in Specific Condition No. 31.a., and shall notify the Department in writing. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.

Amended July 21, 2003 and _____.

32. **Leachate Treatment Plant Effluent/Sludge Testing.** The locations, parameters, and frequencies specified herein represent the minimum requirements for leachate treatment plant monitoring. Additional samples and parameters may be required based upon subsequent analysis. To provide reasonable assurance of adequate leachate treatment, the permittee shall collect representative samples of treated leachate effluent (WACS testsite ID No. 19864) and of waste sludges, and shall submit the results of analyses as follow:

- a. Treated leachate effluent shall be sampled and analyzed for the primary and secondary drinking water standards (Rules 62-550.310 and 62-550.320, F.A.C.) and the priority pollutants (U.S. Environmental Protection Agency, 40 CFR Part 423, Appendix A) **within 30 days** after extended (greater than 3 weeks) downtime maintenance or repairs, and **semi-annually** thereafter.

SPECIFIC CONDITIONS:

(Specific Condition #32., continued)

b. Treated leachate effluent shall be sampled at the frequency listed below, and the analytical results shall be submitted quarterly, as follows: Quarter 1 results shall be submitted by **April 15th**; Quarter 2 by **July 15th**; Quarter 3 by **October 15th**; and, Quarter 4 by **January 15th**, for the following parameters:

<u>Parameter</u>	<u>Unit</u>	<u>Frequency</u>
pH	STD UNITS	Weekly
BOD ₅	mg/L	Monthly
COD	mg/l	Monthly
TSS	mg/l	Monthly
Nitrate-N	mg/l	Monthly
TDS	mg/l	Monthly

c. Waste sludge from the leachate treatment plant shall be sampled and analyzed **annually** using Department SOPs for the following parameters:

Toxicity Characteristic Leaching Potential Test (TCLP) for the organics, metals and pesticides listed in 40 CFR Part 261.24, Table 1

Total nitrogen (percent dry weight)	
Total phosphorous (percent dry weight)	
Total potassium (percent dry weight)	Arsenic (mg/kg dry weight)
Cadmium (mg/kg dry weight)	Copper (mg/kg dry weight)
Lead (mg/kg dry weight)	Mercury (mg/kg dry weight)
Molybdenum (mg/kg dry weight)	Nickel (mg/kg dry weight)
Selenium (mg/kg dry weight)	Zinc (mg/kg dry weight)
pH (standard units)	Solids (percent)

Waste sludge that is not classified as hazardous waste (Chapter 62-730.030, F.A.C.) and that passes the paint filter test may be disposed in the Class I landfill. Based upon the results of the analyses, the Department may require further testing and alternative disposal to assure compliance with all Department rules and regulations. The Department shall be notified within thirty (30) days of alternative sludge disposal.

33. **Land Application of Leachate Treatment Plant Effluent.** Spray irrigation of effluent from the leachate treatment facility is allowed over intermediately closed portions of the landfill at a maximum of 0.1 inch per application followed by two hours (waiting period) between each application, for a maximum of 0.3 inch per day. Under no circumstance shall treated leachate effluent be allowed to discharge as runoff to adjacent storm water systems or conveyance ditches. Treated leachate effluent shall not be sprayed during weather conditions or in quantities that may cause runoff, surface seeps, wind-blown spray, or exceedances of limits of leachate head on the liner. The spray irrigation of treated leachate effluent shall not cause ponding on landfilled areas.

SPECIFIC CONDITIONS:

(Specific Condition #33., continued)

Spray irrigation shall take place only when runoff into the onsite retention areas downgradient from the spray areas has terminated for 2 hours based on daily inspections of the influent point to each related retention area, or as follows, whichever is more restrictive:

- a. At least 4 hours after a rainfall of 0.75 inch or less, or
- b. At least 24 hours after a rainfall of 0.75 to 2.5 inches, or
- c. At least 48 hours after a rainfall of 2.5 inches or greater

The following shall be recorded daily:

- Treated effluent sprayed (gal/day)
- Rainfall onsite (inches/day and time/duration of rainfall occurrence)
- Observed runoff influent to retention area (yes/no and inspection time)

The gallons per day sprayed shall be recorded separately for each application area. The time of day shall be reported immediately following the end of rainfall and when no observed runoff was observed in downgradient ponds and ditches prior to spraying.

Spraying shall take place on slopes no steeper than 10%; on areas of fair grass cover (as per HELP model); only between the hours of 8 a.m. and 4 p.m.; no closer than 100 feet from the liner anchor trench; and on areas that have not reached closure designed dimensions (have not received permanent final cover).

34. Surface Water Sampling.

- a. All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

SPECIFIC CONDITIONS:

(Specific Condition #34., continued)

b. Surface water sample collection points shall be located as shown on Figure M-1, prepared by SCS Engineers, received August 17, 2005 (attached), as follows:

Surface Water No.	WACS Testsite No.	Location
	No.	
1-A*	831	Northern portion of Smith Lake (staff gauge)
1-D	834	Western portion of Smith Lake
3A	836	Drainage ditch to Long Flat Creek at SW boundary
3B2B	837	Drainage ditch to Long Flat Creek, WNW of TH-30
3C2	838	Drainage ditch to Long Flat Creek at NW boundary

* = Water Elevation Measurement ONLY at Station No. 1-A

Amended July 21, 2003 **and** _____.

In accordance with Rule 62-701.510(4)(c), F.A.C., the monitoring stations shall be marked and their positions shall be determined by a registered Florida land surveyor in degrees, minutes and seconds of latitude and longitude.

c. **Semi-annual** surface water sampling shall be conducted at Station Nos. 1-D, 3A, 3B2B and 3C2 in accordance with Rule 62-701.510(6)(e), F.A.C., for analysis of the following parameters:

<u>Field parameters</u>	<u>Laboratory parameters</u>	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness	Total nitrogen
Dissolved oxygen	Total phosphates	Chemical oxygen demand (COD)
Turbidity	Chlorophyll A	Fecal coliform
Temperature	Copper	Biochemical oxygen demand (BOD ₅)
Colors and sheens	Iron	Total dissolved solids (TDS)
(by observation)	Mercury	Total suspended solids (TSS)
	Nitrate	Zinc
	Those parameters listed in 40 CFR Part 258, <u>Appendix I</u>	

Amended July 21, 2003.

SPECIFIC CONDITIONS:

35. **Groundwater Monitoring Well Locations.** The ground water monitoring plan is described in the submittal entitled *Ground Water Monitoring Plan, Phases I-VI and Sections 7, 8 and 9* (prepared by JEA, dated June 2006). The active monitor well locations for Phases I - VI shown on attached Figure M-1 (received August 17, 2005) are described as follows:

Well No.	WACS Testsite ID Number	Aquifer	Designation	Location
TH-19	821	Floridan	Background	See Figure M-1
TH-22	824	Surficial	Piezometer	↓
TH-22A*	19861	Surficial	Background	↓
TH-28	826	Surficial	Piezometer	↓
TH-28A*	19862	Surficial	Detection	↓
TH-30	1065	Surficial	Piezometer	↓
TH-38A	1154	Surficial	Piezometer	↓
TH-38B*	19863	Surficial	Background Piezometer	↓
TH-40	822	Floridan	Horizontal Detection/ Vertical Compliance	↓
TH-57	1570	Surficial	Detection	↓
TH-58	1571	Surficial	Detection	↓
TH-65**	20530	Surficial	Detection	↓
TH-66	20531	Surficial	Detection	↓
TH-67**	20532	Surficial	Detection	↓

* = to be installed ~~within 120 days of permit issuance~~

** = to be installed **within 120 days of permit modification No. 35435-008 issuance** in accordance with the construction details provided in Figure M-2, of the Engineering Report (for Section 7), received May 5, 2003. Documentation of well construction details as indicated in Specific Condition Nos. 38.b. and 38.d. shall be submitted within 90 days of well construction.

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.

Amended July 21, 2003 and _____.

36. **Groundwater Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-522, F.A.C. Compliance with ground water standards shall be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition No. 36.b. at all active and inactive wells and piezometers listed in Specific Condition Nos. 35. and 37. to a precision of 0.01 foot. The ground water surface contour maps prepared for each sampling event shall include ground water elevations (feet NGVD) calculated for each well and piezometer.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

(Specific Condition #36., continued)

b. Surficial aquifer background well (TH-22A) and surficial aquifer detection wells (TH-28A, TH-57, TH-58, TH-65, TH-66 and TH-67) shall be sampled **quarterly**, and Floridan aquifer background well (TH-19) and Floridan aquifer detection well (TH-40) shall be sampled **semi-annually**, for analysis of the following parameters:

Field Parameters
Static water levels
 before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
 (by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in 40 CFR
Part 258, Appendix I

Amended July 21, 2003 and _____.

c. The initial sampling event at replacement wells TH-65, TH-66, and TH-67 ~~TH-22A, TH-28A, and TH-38B~~ shall be conducted for analysis of the following parameters:

Field Parameters
Static water levels
 before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
 (by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

Amended July 21, 2003.

37. **Inactive Monitor Wells (Phases I through VI).** Existing monitor wells ~~TH-19A, TH-20A, TH-20B, TH-24, TH-26, TH-32, TH-35, TH-35A, TH-36A, TH-41, TH-42, and TH-56, TH-59, TH-60, TH-61 (a/k/a P-9D), TH-62, and TH-63~~ shall be considered to be inactive and reserved for future use. Ground water levels shall be measured in the inactive monitor wells during all sampling events described in Specific Condition No. 36.b. Existing piezometers ~~P-2S, P-2D, P-3S, P-3D, P-4S, P-4D, P-5D, P-6D, P-7D, P-8D, and P-11D P-9D and P-10D~~ shall be included in monthly water level measurements conducted by Hillsborough County.
Amended July 21, 2003.

38. **Groundwater Monitoring Well Construction.** The following information shall be submitted ~~within 90 days of installation of~~ for all new or replacement monitor wells (and included piezometers), or as stated below:

a. **Prior to** construction of all new or replacement monitor wells, the permittee shall request and receive Department approval of a minor permit modification.

SPECIFIC CONDITIONS:

(Specific Condition #38., continued)

b. **Within one week of monitor well completion and development**, each new monitor well shall be sampled for the parameters listed in Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.

c. **Within 90 days of monitor well installation**, construction details (record drawings) for all new or replacement monitor well shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (attached).

d. **Within 90 days of monitor well installation**, a surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned), horizontally located in degrees, minutes and seconds of latitude and longitude, and showing the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification numbers, and the locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended July 21, 2003.

39. **Well Abandonment.** All wells and piezometers not included as part of the approved Water Quality Monitoring Plan and not listed in Specific Condition Nos. 35. and 37., and not shown on surveyed drawing(s) described in Specific Condition No. 38.d., are to be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment**. A written request for exemption from the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended July 21, 2003.

40. **Verification/Evaluation Monitoring.** If at any time monitoring parameters are ~~detected~~ reported in the detection wells at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria ~~at the edge of the zone of discharge~~, the permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

Amended July 21, 2003.

SPECIFIC CONDITIONS:

41. **Water Quality, Leachate and Sludge Reporting Requirements.** All leachate, surface water and ground water quality monitoring results shall be reported on Department Form 62-522.900(2), Groundwater Monitoring Report (attached). The permittee shall submit the results of the leachate effluent quality analysis (required by Specific Condition #32.b.) and ground water for the surficial aquifer wells (required by Specific Condition #36.b.) analysis by **January 15th, April 15th, July 15th, and October 15th of each year.** The permittee shall submit the results of the leachate influent (required by Specific Condition #31.) and sludge (required by Specific Condition #32.c.) analysis by **January 15th of each year.** The permittee shall submit the results of surface water (required by Specific Condition #34.c.) and ground water for the Floridan aquifer wells (required by Specific Condition #36.b.) and leachate effluent (required by Specific Condition #32.a.), analysis by **January 15th and July 15th of each year** for the semi-annual periods July-December and January-June, respectively. The reports that transmit the results of ground water analysis shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including a ground water contour map representing conditions at the time of ground water sampling and a summary of any water quality standards or criteria that are exceeded. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Hillsborough County Environmental Protection Commission, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.
Amended July 21, 2003 and _____.

42. **Groundwater Monitoring Plan Evaluation.**

a. ~~An evaluation of ground water flow between the eastern portion of the landfill and Smith Lake shall be submitted by **June 1st, 2003.** This evaluation shall include monthly water elevation data collected for one year following permit issuance at the following locations: P 7D, P 8D, P 9D, P 10D, P 11D, TH 20A, TH 20B, TH 38A, TH 38B, and the staff gauge in Smith Lake. The persistence of a ground water divide in this portion of the landfill shall be the basis for determining the appropriateness of the current designation of well TH 38B as a background well. In the event that well TH 38B is determined to be more appropriate as a detection well location, an alternate background monitor well shall be required, and the revision to the monitoring plan shall require a minor permit modification. The evaluation shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619; and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.~~
~~Deleted July 21, 2003.~~

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

(Specific Condition #42., continued)

b. **By June 1, 2004 and no later than December 1, 2006**, the permittee shall submit an evaluation of the water quality monitoring data. The periods of time to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
June 1, 2004	First Half 2001	Second Half 2003

December 1, 2006	First Half 2004	First Half 2006
-------------------------	-----------------	-----------------

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may be reported shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 N. Telecom Parkway, Temple Terrace, Florida 33637-0926; and to: Environmental Protection Commission of Hillsborough County, Waste Division, 3629 Queen Palm Drive, Tampa, FL 33619-1309.

Amended July 21, 2003 **and** _____.

43. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

44. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

45. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

46. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Barry M. Boldissar, Director

PERMIT NO: 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

47. **Certification of Construction Completeness.** Within **thirty (30) days** after the specified construction has been completed or as otherwise specified in this permit, the following activities shall be completed:

- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2) (form attached), signed and sealed by the responsible professional engineer for the construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.
- b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include as-built plans details and elevations.
- c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.
- d. The engineer of record shall provide a report to verify conformance with the project specifications. The report including all related testing results shall be submitted to the Department along with the completion of construction documents.

New July 21, 2003.

Executed in Hillsborough County, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**

**J.M. Farley
Interim District Director
Southwest District**

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
4.	180 days prior to permit renewal (December 1, 2006)	Submit permit renewal application
5.b., 28.b.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of: sinkholes, hazardous waste receipt, failure of landfill systems or equipment Written notification & corrective action plan
10.e.	Annually, by April 15th each year	Submit revised Operation Plan or statement of no changes
11.b.	Annually, by September November 1st each year	Submit topographic survey & capacity calculations, and certification
16.f.	Annually, by April 15 th each year April 15, 2003	Submit leachate management field investigation report First evaluation due
16.g.	Within 120 days of permit issuance	Install Temporary Pump Station 6 (TPS-6)
16.h.	30 days prior to expiration	Submit copies of leachate disposal agreements
16.i(1) 42.b.	By June 1, 2004 and December 1, 2006	Submit results and videotape of LCRS inspection/cleaning Submit water quality monitoring evaluation report
16.j(2) 19.c. 32.b., 41. 36.b.	Quarterly, by January 15 th , April 15 th , July 15 th and October 15 th	Submit leachate generation reports Submit gas monitoring results Submit leachate effluent results Submit ground water quality results for surficial aquifer wells
17.	180 days prior to permit renewal (December 1, 2006)	Submit Liner and Leachate Management System Performance Evaluation
20	Within 120 days of permit issuance	Install gas monitoring probes LFG-2, LFG-3 and LFG-4

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
24.	No later than 90 days prior to the date when wastes will no longer be received	Submit Closure Permit application
26.a.	Annually, by September 1 st each year	Submit revised cost estimates
26.b.	Annually	Submit proof of funding
28.c.	Within 60 days of notification	Complete repairs to groundwater monitoring system
28.d.	Within 30 days of notification	Implement corrective action for stormwater or leachate management system damage
31.a.	Annually	Leachate influent sampling/analysis
32.c.	Annually	LTRF sludge sampling/analysis
32.a.	Semi-annually	Sample/analyze treated effluent for primary and secondary drinking water standard parameters and priority pollutants
34.c.	Semi-annually	Sample/analyze surface water
35	Within 120 days of permit modification issuance	Install groundwater monitoring wells TH-22A, TH-28A, TH-38B-TH-65, TH-67
36.b.	Quarterly (surficial aquifer wells) Semi-annually (Floridan aquifer wells)	Sample groundwater monitoring wells
38.b.	Within 1 week of well completion and development	Conduct initial sampling
38.c. 38.d.	Within 90 days of installation	Submit well construction information, and survey drawing
39.	Within 30 days of well abandonment	Submit abandonment report
41.	Annually, by January 15 th each year	Submit leachate influent and sludge analysis
41.	Semi-annually, by January 15 th and July 15 th each year	Submit groundwater (Floridan aquifer wells) and surface water monitoring reports, and leachate effluent quality reports
42.a.	By June 1, 2003	Submit evaluation of groundwater flow between the eastern portion of the landfill and Smith lake

Pelz, Susan

From: Joseph O'Neill [joneill@jonesedmunds.com]
Sent: Wednesday, July 19, 2006 3:28 PM
To: Pelz, Susan; PATRICIA BERRY; Larry Ruiz
Cc: Richard Siemering
Subject: FW: DEP Waiver

Follow Up Flag: Follow up
Flag Status: Flagged



DEP
Waiver.PDF

Good Afternoon Susan,

Attached is the waiver of time form for the Section 8 operations permit.
The waiver of time is valid through August 11, 2006.

Please forward a copy of the "draft" Section 8 operations permit to
Jones Edmunds (Rich Siemering) and to Hillsborough County (Patty Berry)
by Friday July 21, 2006 as we discussed to allow us time to review the
conditions.

Thank you again
Joe O'Neill

-----Original Message-----

From: Richard Siemering
Sent: Wednesday, July 19, 2006 2:52 PM
To: Joseph O'Neill
Subject: FW: DEP Waiver

Richard A. Siemering
Project Manager

Jones Edmunds
324 South Hyde Park Avenue
Suite 250
Tampa, Florida 33606
Ph. 813-258-0703
Fax 813-254-6860
Cell: 813-967-0370
Email: RSiemering@JonesEdmunds.com

-----Original Message-----

From: ELLA JACKSON [mailto:JACKSONE@HillsboroughCounty.ORG]
Sent: Wednesday, July 19, 2006 2:49 PM
To: Richard Siemering
Cc: PATRICIA BERRY
Subject: DEP Waiver

Attached is the waiver signed off by Barry.

Thanks,

Ella Jackson
Administrative Specialist
Landfill Services Section

Solid Waste Management Department
County Center, 24th Floor
Phone: (813) 276-2910
Fax: (813) 276-2960
E-mail: jacksone@hillsboroughcounty.org

Please note: All e-mails sent and received are public records and may
be subject to public disclosure.

WAIVER OF 90 DAY TIME LIMIT
UNDER SECTIONS 120.60(2) AND 403.0876, FLORIDA STATUTES

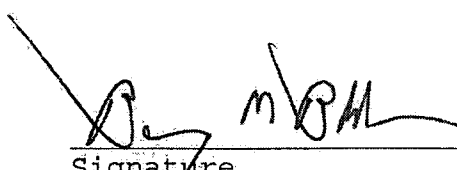
Permit Application Nos. 35435-010-SO/01, 35435-012-SO/MM

Applicant's Name: Hillsborough County Solid Waste
Management Department

With regard to the above referenced application, the applicant hereby with full knowledge and understanding of the applicant's rights under Sections 120.60(2) and 403.0876, Florida Statutes, waives the right to have the application approved or denied by the State of Florida Department of Environmental Protection within the 90 day time period prescribed by law. Said waiver is made freely and voluntarily by the applicant with full knowledge and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Protection.

This waiver shall expire on the 11th day of
August 2006.

The undersigned is authorized to make this waiver on behalf of the applicant.



Signature

Barry M. Boldissar
Name (Please Type or Print)

*Hills Co
SELF op Permit***Pelz, Susan**

From: Pelz, Susan
Sent: Monday, May 22, 2006 7:30 AM
To: 'Joseph O'Neill'
Cc: PATRICIA BERRY; Larry Ruiz; Richard Siemering; Watson, Stephanie M.; Morris, John R.
Subject: RE: Ditch Cleaning Sediment use at Southeast County LF

Joe,

The Department concurs with the information presented in your letter dated May 19, 2006. Please be reminded that the ditch cleanings must pass the paint filter test prior to use at the landfill for initial cover. Also note that the use of the ditch cleanings as initial cover in Phases I-VI can be included in the currently pending modification.

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, Fl. 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us

-----Original Message-----

From: Joseph O'Neill [mailto:joneill@jonesedmunds.com]
Sent: Friday, May 19, 2006 4:17 PM
To: Pelz, Susan
Cc: PATRICIA BERRY; Larry Ruiz; Richard Siemering; Joseph O'Neill
Subject: Ditch Cleaning Sediment use at Southeast County LF

Good Morning Susan,

Attached is a letter that outlines our understanding of the uses for the ditch cleaning sediments at the Hillsborough County Public Works Service Units.

Please let me know if our understanding is correct.

thanks

Joseph H. O'Neill, P.E.
Solid Waste Department Manager

Jones Edmunds & Associates, Inc.
324 South Hyde Park Avenue Suite 250
Tampa, Florida 33606
Phone (813) 258-0703 x132
Fax (813) 254-6860
Mobile (813) 426-2613
joneill@jonesedmunds.com

5/22/2006

www.jonesedmunds.com

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5/22/2006

Pelz, Susan

From: Joseph O'Neill [joneill@jonesedmunds.com]
Sent: Friday, May 19, 2006 4:17 PM
To: Pelz, Susan
Cc: PATRICIA BERRY; Larry Ruiz; Richard Siemering; Joseph O'Neill
Subject: Ditch Cleaning Sediment use at Southeast County LF

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Please let me know if our understanding is correct.

thanks

Joseph H. O'Neill, P.E.
Solid Waste Department Manager

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324 South Hyde Park Avenue Suite 250
Tampa, Florida 33606
Phone (813) 258-0703 x132
Fax (813) 254-6860
Mobile (813) 426-2613
joneill@jonesedmunds.com
www.jonesedmunds.com

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5/22/2006



May 19, 2006

Ms. Susan J. Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Subject: Letter of Understanding – Use of Ditch Cleaning Sediments
Southeast County Landfill, Hillsborough County
Permit Number 35435-006-SO

Dear Ms Pelz:

Jones Edmunds has prepared this letter on behalf of the Hillsborough County Solid Waste Management Department regarding our understanding of the Department's position on the use of the Ditch Cleaning sediments at the Southeast County Landfill (SCLF).

Use of "Existing" Ditch Cleaning Sediments

It is our understanding that the Department will allow screened "existing" Ditch Cleaning sediments to be transported to the SCLF from any of the four Public Works Service Units. Once transported to the SCLF, the "existing" ditch cleaning sediments can be used as daily cover soil. The debris screened from the sediment can also be transported to the SCLF for disposal.

Disposal of "New" Ditch Cleaning Sediments

It is our understanding that the Department will allow "New" ditch cleaning sediments to be transported directly to and disposed of at the SCLF as a solid waste from various ditches located within the County.

It is also our understanding that the above activities can occur immediately and that a permit modification to the operations plan for using the screened "existing" ditch cleaning sediments as daily cover can be submitted upon renewal of the operations permit. The schedule for submittal of the permit renewal to the Department is this calendar year.

Please call me if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe O'Neill".

Joseph H. O'Neill, P.E.
Solid Waste Department Manager

cc: Patricia V. Berry, SWMD
Larry E. Ruiz, SWMD
Richard A. Siemering, Jones Edmunds
Ken S. Vogel, P.E., Jones Edmunds

324 South Hyde Park Avenue
Suite 250
Tampa, FL 33606

813.258.0703 Phone
813.254.6860 Fax
www.jonesedmunds.com

Gusson

**Southwest District
Permitting Application**

New Site

Site Name:
Site ID:
County:
Type/Subcode:
Fee submitted: () correct <input checked="" type="checkbox"/> incorrect
Total Fee Required \$ _____ Need \$ _____ Refund \$ _____

Existing Site

Site ID: <div style="text-align: center;"><i>35435-012</i></div>
Project Name: <div style="text-align: center;"><i>Phases I-VI Op Mod</i></div>
Type/Subcode: <div style="text-align: center;"><i>50 MM</i></div>
Fee submitted: \$ <i>250</i> <input checked="" type="checkbox"/> correct () incorrect
Total Fee Required \$ _____ Need \$ _____ Refund \$ _____

Applicant Information

Name: <div style="text-align: center;"><i>Barry Baldissan</i></div>	
Role: <div style="text-align: center;"><i>Applicant</i></div>	
Company: <div style="text-align: center;"><i>Hillsborough Co. Solid Waste</i></div>	
Address: <div style="text-align: center;"><i>ON fire</i></div>	
City: <div style="text-align: center;"><i>ON</i></div>	Zip Code:
Phone:	

Fee verified by: *PELZ*

Application Assigned To: *PELZ* Date: *4/27/06*

V-10296

063544

JONES, EDMUNDS & ASSOCIATES, INC.

PLEASE DETACH AND RETAIN FOR YOUR RECORDS

INVOICE NUMBER	DATE	VOUCHER NO.	AMOUNT
PERMIT	04/13/2006	002134	250.00
		* Total	250.00
SOLID WASTE PERMIT MODIFICATION FEE			

ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER. SEE REVERSE SIDE FOR COMPLETE SECURITY FEATURES.

JONES EDMUNDS
ENGINEERS | ARCHITECTS | SCIENTISTS
730 NE Waldo Rd - Gainesville, FL 32641
(352) 377-5821

Millennium Bank

63-1454/631 063544

Apr 14 2006

PAY *****250** DOLLARS AND 00 CENTS *****250.00

TO THE ORDER OF FL DEPT OF ENVIRONMENTAL PROTECTION

VOID AFTER 45 DAYS
JONES, EDMUNDS & ASSOCIATES, INC.

Dr. R. H. Jones
AUTHORIZED SIGNATURE

063544 063114548 0010181

DOCUMENT INCLUDES A HIDDEN WORD. DO NOT CASH IF THE WORD VOID IS VISIBLE. DOCUMENT ALSO CONTAINS HEAT SENSITIVE INK. TOUCH HERE. RED IMAGE DISAPPEARS WITH HEAT.

4/26/06

Dept. of Environmental
Protection

APR 26 2006

Southwest District ~~HILLSBOROUGH COUNTY~~
SOUTHEAST COUNTY LANDFILL
CAPACITY EXPANSION, SECTION 8 CLASS I LANDFILL
OPERATIONS PERMIT

THIRD RESPONSE TO DEP
REQUEST FOR ADDITIONAL
INFORMATION

Pending Modification No.: 35435-010-SO
Operation Permit No. 35435-007-SO

Prepared for:

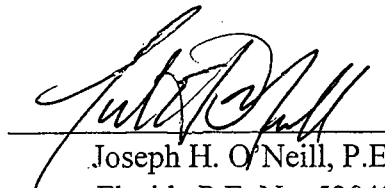
HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT
P.O. Box 1110
Tampa, Florida 33601

Prepared by:

JONES EDMUNDS & ASSOCIATES, INC.
324 S. Hyde Park Avenue, Suite 250
Tampa, Florida 33606

Certificate of Authorization #1841

April 2006


Joseph H. O'Neill, P.E.
Florida P.E. No. 52049
4/26/06

JONES EDMUNDS

April 26, 2006

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

Subject: Permit Modification – Permit Number 35435-006-SO
Southeast County Landfill
Hillsborough County, Florida


Dear Susan:


On behalf of the Hillsborough County Solid Waste Management Department (SWMD), Jones Edmunds has prepared this request to modify the Permit No 35435-006-SO (Permit) for Phases I through VI. This permit modification request was prepared so the documents listed in Specific Condition 2c of the Permit will be modified to reference the August 17, 2005 Operations and Groundwater Monitoring Plans, with related revisions, currently under review by the DEP. All other conditions of the Permit will remain unmodified.

Please also find attached to this letter a check for \$250, made payable to the Florida Department of Environmental Protection, for the minor permit modification processing fee.

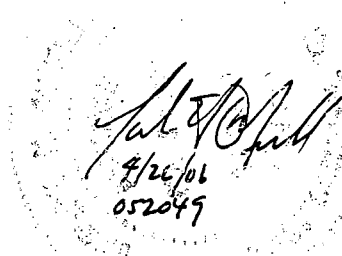
Do not hesitate to call if you have any questions or need any additional information.

Sincerely,


Joseph H. O'Neill, P.E.
Solid Waste Department Manager


Richard A. Siemering
Project Manager

Cc: Patricia V. Berry, SWMD
John P. Arnold, P.E., Jones Edmunds


324 South Hyde Park Avenue
Suite 250
Tampa, FL 33606

813.258.0703 Phone
813.254.6860 Fax
www.jonesedmunds.com

Barred Report
(see Section 8 of permit file)

V-10296

063544

JONES, EDMUNDS & ASSOCIATES, INC.

PLEASE DETACH AND RETAIN FOR YOUR RECORDS

INVOICE NUMBER	DATE	VOUCHER NO.	AMOUNT
PERMIT	04/13/2006	002134	250.00
		* Total	250.00
SOLID WASTE PERMIT MODIFICATION FEE			

ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER - SEE REVERSE SIDE FOR COMPLETE SECURITY FEATURES

JONES EDMUNDS
ENGINEERS | ARCHITECTS | SCIENTISTS
730 NE Waldo Rd - Gainesville, FL 32641
(352) 377-5821

63-1454/631 63544

Millennium Bank

Apr 14 2006

PAY *****250** DOLLARS AND 00 CENTS \$ *****250.00

TO THE ORDER OF FL DEPT OF ENVIRONMENTAL PROTECTION

VOID AFTER 45 DAYS
JONES, EDMUNDS & ASSOCIATES, INC.

Dr. R. H. Jones
AUTHORIZED SIGNATURE

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April 14, 2006

Ms. Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637

Dept. of Environmental
Protection

APR 14 2006

Southwest District

RE: 2006 Annual Monitoring of the Phosphatic Clays
Southeast County Landfill, Hillsborough County, Florida
Jones Edmunds Project No. 08449-022-01

Dear Susan:

Please find attached to this cover letter an evaluation report, prepared by Ardaman and Associates, Incorporated (Ardaman), for the annual monitoring of the phosphatic clays beneath the Phase I through VI areas at the Southeast County Landfill (SCLF) located in Hillsborough County, Florida. The evaluation report for the phosphatic clays was prepared in accordance with Specific Condition No. 16f of Operations Permit No. 35435-006-SO.


Jones Edmunds has reviewed the report and agrees with the assessments made by Ardaman on the current status of the phosphatic clays. The report supports the following observations;

- Under the current conditions, the piezometric heads below the phosphatic clays are lower than the piezometric heads in the middle of clays; therefore, no downward gradient exists within the test area locations.
- The observed dissipation of excess pore pressure and the projected rate of consolidation and strength gain of the phosphatic clays are generally consistent with the current filling sequencing.

In summary, the attached report supports the conclusion that the phosphatic clays and the current filling sequence are performing as designed.

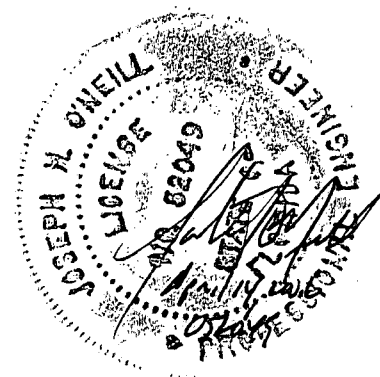
Please call with any questions.

Sincerely,


Joseph H. O'Neill, P.E.
Solid Waste Department Manager

Attachments

cc: Patricia V. Berry, SWMD
Ron Cope, HCEPC
Richard A. Siemering, Jones Edmunds
John Arnold, P.E., Jones Edmunds



324 South Hyde Park Avenue
Suite 250
Tampa, FL 33606

813.258.0703 Phone
813.254.6860 Fax
www.jonesedmunds.com

(See separate file)

Dept. of Environmental
Protection

APR 14 2006

Southwest District

**Geotechnical Study Associated with
2006 Annual Monitoring of the Phosphatic Clay
Liner Beneath the Southeast Landfill
in Hillsborough County, Florida**

April 13, 2006



Ardaman & Associates, Inc.

OFFICES

Orlando, 8008 S. Orange Avenue, Orlando, Florida 32809, Phone (407) 855-3860

Bartow, 1525 Centennial Drive, Bartow, Florida 33830, Phone (863) 533-0858

Cocoa, 1300 N. Cocoa Blvd., Cocoa, Florida 32922, Phone (321) 632-2503

Fort Myers, 9970 Bavaria Road, Fort Myers, Florida 33913, Phone (239) 768-6600

Miami, 2608 W. 84th Street, Hialeah, Florida 33016, Phone (305) 825-2683

Port Charlotte, 740 Tamiami Trail, Unit 3, Port Charlotte, Florida 33954, Phone (941) 624-3393

Port St. Lucie, 460 Concourse Place NW, Unit 1, Port St. Lucie, Florida 34986, Phone (772) 878-0072

Sarasota, 2500 Bee Ridge Road, Sarasota, Florida 34239, Phone (941) 922-3526

Tallahassee, 3175 West Tharpe Street, Tallahassee, Florida 32303, Phone (850) 576-6131

Tampa, 3925 Coconut Palm Drive, Suite 115, Tampa, Florida 33619, Phone (813) 620-3389

West Palm Beach, 2200 North Florida Mango Road, Suite 101, West Palm Beach, Florida 33409, Phone (561) 687-8200

MEMBERS:

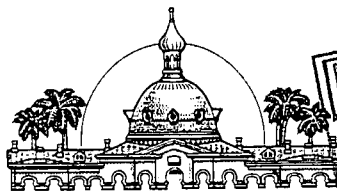
A.S.F.E.

American Concrete Institute

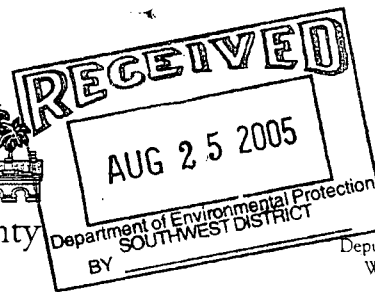
American Society for Testing and Materials

Florida Institute of Consulting Engineers

Hills Co SELF
Op Permit



Hillsborough County
Florida



BOARD OF COUNTY COMMISSIONERS

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Office of the County Administrator
Patricia G. Bean

Deputy County Administrator
Wally Hill

Assistant County Administrators
Bernardo Garcia
Carl S. Harness
Manus J. O' Donnell

August 23, 2005

Hillsborough County Environmental Protection Commission
Air Section
Roger P. Stewart Center
3629 Queen Palm Dr.
Tampa, FL 33619-1309

Subject: Semi-Annual SOC - Southeast County Landfill
Title V Permit No. 0570854-002-AV

To Whom It May Concern:

The Hillsborough County Solid Waste Department (SWMD) is providing the attached semi-annual Statement of Compliance (SOC) for the Southeast County Landfill. The SOC pertains to the time period of January 1, 2005 through June 30, 2005.

As previously discussed with the Hillsborough County Environmental Protection Commission, submittal of the semi-annual SOC satisfies the Title V rule reporting requirement.

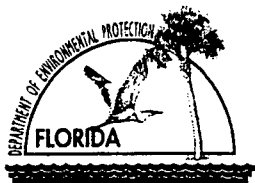
Should you have any questions or require additional information, please contact me at 276-2908.

Sincerely,

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachment

Cc: Larry Ruiz, SWMD
Jerry Campbell, EPC
Paul Schipfer, EPC
Susan Pelz, FDEP ✓
David Zell, FDEP



Department of Environmental Protection

Division of Air Resource Management

STATEMENT OF COMPLIANCE - TITLE V SOURCE

REASON FOR SUBMISSION (Check one to indicate why this statement of compliance is being submitted)

☒ Annual Requirement ☐ Transfer of Permit ☐ Permanent Facility Shutdown

REPORTING PERIOD*	REPORT DEADLINE**
January through June of 2005 (year)	September 1, 2005

*The statement of compliance must cover all conditions that were in effect during the indicated reporting period, including any conditions that were added, deleted, or changed through permit revision.

**See Rule 62-213.440(3)(a)2., F.A.C.

Facility Owner/Company Name: Hillsborough County Solid Waste Management Department

Site Name: Southeast County Landfill Facility ID No. 0570854 County: Hillsborough

COMPLIANCE STATEMENT (Check only one of the following three options)

☒ A. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, and there were no reportable incidents of deviations from applicable requirements associated with any malfunction or breakdown of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above.

☐ B. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part; however, there were one or more reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each incident of deviation, the following information is included:

1. Date of report previously submitted identifying the incident of deviation.
2. Description of the incident.

☐ C. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, EXCEPT those identified in the pages attached to this report and any reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each item of noncompliance, the following information is included:

1. Emissions unit identification number.
2. Specific permit condition number (note whether the permit condition has been added, deleted, or changed during certification period).
3. Description of the requirement of the permit condition.
4. Basis for the determination of noncompliance (for monitored parameters, indicate whether monitoring was continuous, i.e., recorded at least every 15 minutes, or intermittent).
5. Beginning and ending dates of periods of noncompliance.
6. Identification of the probable cause of noncompliance and description of corrective action or preventative measures implemented.
7. Dates of any reports previously submitted identifying this incident of noncompliance.


For each incident of deviation, as described in paragraph B. above, the following information is included:

1. Date of report previously submitted identifying the incident of deviation.
2. Description of the incident.

STATEMENT OF COMPLIANCE - TITLE V SOURCE

RESPONSIBLE OFFICIAL CERTIFICATION

I, the undersigned, am a responsible official (Title V air permit application or responsible official notification form on file with the Department) of the Title V source for which this document is being submitted. With respect to all matters other than Acid Rain program requirements, I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.


(Signature of Title V Source Responsible Official)

8-22-05
(Date)

Name: Eduardo J. Tapia, P.E. Title: Interim Director

DESIGNATED REPRESENTATIVE CERTIFICATION (only applicable to Acid Rain source)

I, the undersigned, am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

(Signature of Acid Rain Source Designated Representative)

(Date)

Name: _____ Title: _____

{Note: Attachments, if required, are created by a responsible official or designated representative, as appropriate, and should consist of the information specified and any supporting records. Additional information may also be attached by a responsible official or designated representative when elaboration is required for clarity. This report is to be submitted to both the compliance authority (DEP district or local air program) and the U.S. Environmental Protection Agency(EPA) (U.S. EPA Region 4, Air and EPCRA Enforcement Branch, 61 Forsyth Street, Atlanta GA 30303).}

Hillsb. SELF
Op Permit

Pelz, Susan

From: Larry Ruiz [RuizLE@hillsboroughcounty.org]
Sent: Thursday, April 07, 2005 4:50 PM
To: Pelz, Susan
Cc: David Adams; PATRICIA BERRY; joneill@scsengineers.com; eely@wm.com
Subject: Section 7 Tarp Removal

As we discussed in our telephone conversation on March 17, 2005, the Solid Waste Management Department (SWMD) will proceed to remove the tarp on the western perimeter berm of Section 7, during the week of April 11, 2005. The removal of the tarp will be an interim remedial action to reduce the landfill gas (LFG) migration towards groundwater Monitoring Wells TH-59 and TH-60. This action is being implemented in response to correspondence from SCS Engineers to the Florida Department of Environmental Protection dated March 3, 2005. After the tarp is removed, the SWMD will conduct follow up sampling for EPA Method 8260 in May and July to assess the effectiveness of the interim remedial action. Please call should you have any questions or comments. Thanks.

Larry E. Ruiz, Assoc. AIA
Senior Engineering Specialist
Solid Waste Management Department
Tel: (813) 503-6671
Fax: (813) 671-7739

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of Permit

Pelz, Susan

From: Pierson, Dennis
Sent: Thursday, March 24, 2005 11:44 AM
To: 'RuizLE@hillsboroughcounty.org'; Zhang-Torres; Pelz, Susan
Subject: Corrected: Equipment Washing at a Landfill

The previous e-mail should have read: "Industrial Wastewater does **NOT** have a policy regarding the washing of equipment specifically at landfill facilities". The following letter contains the correction.

Thanks,
Dennis Pierson

-----Original Message-----

From: Pierson, Dennis
Sent: Thursday, March 24, 2005 11:13 AM
To: Zhang-Torres; 'RuizLE@hillsboroughcounty.org'; Pelz, Susan
Subject: RE: Equipment Washing at a Landfill

Hello, Mr. Ruiz.

This is in response to your following question dated March 4, 2005:

"Does the Department has a written policy regarding the washing of equipment at landfill facilities? If so, please let me know where I could get a copy. The practice I refer to, is the practice of rinsing heavy equipment with water (no detergents)."

Industrial Wastewater does not have a policy regarding the washing of equipment specifically at landfill facilities. We would regard this as a production of non-process wastewater (whether rinse or wash) with a potential to pollute, and with a likely discharge to groundwater.

For written policy please refer to the attached Program Guidance Memo OWM-03-02 "Permit Determinations for Misc. Industrial Wastewater Activities".

The relevant sections are:

Section II.A.2. Discharges to Ground Water

Industrial wastewater facilities discharging or proposing to discharge to ground water are subject to Department permitting under Chapter 403, F.S., and Chapters 62-4, 62-620, 62-660, 62-520, 62-522, F.A.C., ground water discharges of industrial wastewater need to obtain a wastewater discharge permit by submitting Wastewater Permit Application Form 1, and (in this case) a Wastewater Permit Application Form 2EG, "Permit to Discharge Non-Process Wastewater from New or Existing Industrial Wastewater Facilities to Ground Waters".

Section IV.C.2. Vehicle Washing and Other Maintenance Activities

Activities which generate a process or non-process wastewater discharge to surface or ground waters is subject to permitting in accordance with Chapter 62-620, F.A.C. Such activities will include truck washing, radiator flushing, and floor drains in the maintenance bays. Typical parameters of concern include pH, TSS, oil & grease, and metals (such as Fe, Zn, Pb, Cd, and Cu). The frequency of monitoring could vary from weekly to monthly depending on the wastewater characterization. In most cases, the costs associated with monitoring and reporting will drive the facility to install a closed-loop recycle system. Please refer to Part III of this memorandum for discussion on Non-discharging/closed-loop recycle systems. Discharge to a domestic sewer system is often available. If applicable, compliance with the pretreatment requirements may be required before the discharge is authorized (see III.A.4. of Memo OWM-03-02).

If you have any questions please call me at 813-744-6100-398.

Thanks, Dennis Pierson
Industrial Wastewater Permitting

-----Original Message-----

From: Pelz, Susan
Sent: Monday, March 07, 2005 7:41 AM

To: 'Larry Ruiz'
Cc: PATRICIA BERRY; Angulo, Yanisa
Subject: RE: Equipment Washing

Larry,

Many truck washing activities require an IW permit. Please check with them & see what they say (I've copied them on this email). If IW doesn't require a permit, we can discuss where/how you want to conduct the activity at the landfill under our permit.

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District
813-744-6100 x 386
susan.pelz@dep.state.fl.us

-----Original Message-----

From: Larry Ruiz [mailto:RuizLE@hillsboroughcounty.org]
Sent: Friday, March 04, 2005 2:15 PM
To: Pelz, Susan
Cc: PATRICIA BERRY
Subject: Equipment Washing

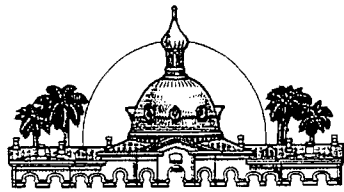
Hello Susan, everything here is well and I hope you are doing fine. The purpose of my email is to request the following: Does the Department has a written policy regarding the washing of equipment at landfill facilities? If so, please let me know where I could get a copy. The practice I refer to, is the practice of rinsing heavy equipment with water (no detergents). Please advise at your convenience. Thanks.

Larry E. Ruiz, Assoc. AIA
Senior Engineering Specialist
Solid Waste Management Department
Tel: (813) 503-6671
Fax: (813) 671-7739



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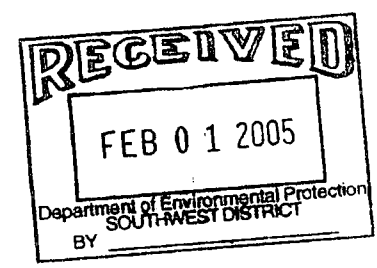
Kathy Castor
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Office of the County Administrator
Patricia G. Bean

Deputy County Administrator
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Assistant County Administrators
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January 28, 2005



Mr. Henry Freedenberg
Engineer III
Florida Department of Environmental Protection
Solid Waste Section
2600 Blair Stone Road, M. S. 4565
Tallahassee, FL 32399-2400

RE: Hillsborough County Southeast County Landfill – Waste Records

Dear Mr. Freedenberg:

In accordance with Permit No. 35435-006-SO, Specific Condition No. 11, the Hillsborough County Solid Waste Management Department (SWMD) is submitting the Waste Records for the Southeast County Landfill.

This report includes the quarter from July 2004 through September 2004, and the quarter from October 2004 through December 2004. Due to activities related to hurricane recovery, the SWMD inadvertently missed the deadline for the October reporting. The SWMD will ensure that future reports are submitted in a timely manner.

Should you have any questions concerning the information provided, please contact me at the SWMD at 813-276-2908.

Sincerely,

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachments

xc: Larry Ruiz, SWMD
Susan Pelz, DEP Tampa
Ron Cope, EPC

SOUTHEAST COUNTY LANDFILL TONNAGE RECEIVED and BURIED

	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	SOUTHEAST COUNTY LANDFILL																		
2	TONNAGE ANALYSIS by MATERIAL																		
3	TWO TWELVE MONTH PERIODS																		
4	MONTH	Processable (1) 100,110, 610, 810	Non- Processable (2) 065, 200, 210, 230, 820	Non-Profit Recycle Residue 250	R.R. Ash 625	City of Tampa Ash 235	Asbestos 05, 215	C&DD 202, 213, 233	Yard Waste Residential 310	LTP - Filter Cake 850	Tires 400, 410, 420	TOTAL TONNAGE RECEIVED	Shredded/ Unshredded Tires	Less Tires	Less Tonnage Out	TOTAL TONNAGE BURIED	Existing Landfill Sections 1-6	New Landfill Sections 7	TOTAL TONNAGE BURIED
5	December'02	15,872.96	3,924.89		8,505.81	7,933.41	11.91	933.57			453.11	37,635.66	892.34	(453.11)	(11.19)	38,063.70			0.00
7	January'03	21,811.55	4,942.45		8,426.84	8,254.07	6.22	934.20			553.61	44,928.94	807.75	(553.61)	(7.93)	45,175.15			0.00
8	February'03	18,931.41	4,173.85		6,188.14	7,295.65	4.02	960.37			534.41	38,087.85	523.97	(534.41)	(36.62)	38,040.79			0.00
9	March'03	25,567.20	6,333.76		5,278.82	7,909.53	4.41	887.39			593.36	46,574.47	384.13	(593.36)	(31.37)	46,333.87			0.00
10	April'03	20,103.51	7,621.74		7,738.07	7,892.58	3.46	848.58			568.29	44,776.23	828.22	(568.29)	(13.14)	45,023.02			0.00
11	May'03	17,560.79	5,290.86		8,014.53	7,381.50	3.08	786.18			595.03	39,631.97	363.92	(595.03)	(19.23)	39,381.63			0.00
12	June'02	17,024.35	5,064.40		7,147.74	8,833.16	8.68	687.57			593.58	39,359.48	716.92	(593.58)	(27.25)	39,455.57			0.00
13	July'03	20,489.85	4,485.28		8,247.10	8,061.88	0.00	982.40		13.14	673.79	42,953.44	226.40	(673.79)	(6.31)	42,499.74			0.00
14	August'03	20,838.08	4,555.47		6,896.40	7,579.10	8.08	934.56		0.00	616.32	41,428.01	16.11	(616.32)	(19.11)	40,808.69			0.00
15	September'03	19,973.12	4,456.94		5,976.39	8,056.21	5.71	993.65		0.00	685.22	40,147.24	9.09	(685.22)	(9.35)	39,461.76			0.00
16	October'03	20,262.56	3,920.08		7,350.84	8,504.81	6.03	1,009.08		11.63	643.74	41,708.77	32.95	(673.79)	(17.08)	41,050.85			0.00
17	November'03	15,108.46	3,436.77		7,500.52	7,035.57	0.00	705.11		4.93	538.18	34,329.54	16.37	(538.18)	(7.68)	33,800.05			0.00
18	December'03	18,944.72	3,379.07	0.71	8,201.38	8,865.81	24.67	479.80		7.81	593.38	40,497.35	17.89	(593.38)	(16.99)	39,904.87			0.00
19	Total 12 Month	236,615.60	57,660.67	0.71	86,966.77	95,669.87	74.36	10,208.89	0.00	37.51	7,188.91	494,423.29	3,943.72	(7,218.96)	(212.06)	490,935.99	0.00	0.00	0.00
20																			
21	January'04	22,975.93	3,446.29	0.00	7,079.49	7,592.45	12.51	864.16		0.00	624.78	42,595.61	12.25	(624.78)	(12.73)	41,970.35	20,137.53	21,832.82	41,970.35
22	February'04	29,326.51	3,047.90	0.00	4,460.73	7,179.49	11.04	909.62		0.00	565.17	45,500.46	24.37	(565.17)	(9.27)	44,950.39		44,950.39	44,950.39
23	March'04	26,912.26	4,124.15	0.00	7,970.27	8,895.67	0.47	1,227.26		0.00	661.98	49,792.06	319.82	(661.98)	(8.45)	49,441.45	49,441.45		49,441.45
24	April'04	20,879.94	4,157.90	0.00	8,075.29	7,433.60	9.68	1,281.85		0.00	773.26	42,611.52	984.54	(773.26)	(16.07)	42,806.73		42,806.73	42,806.73
25	May'04	21,193.08	3,807.59	0.00	7,523.04	7,110.65	8.08	1,240.90		0.00	574.11	41,457.45	432.05	(574.11)	(15.34)	41,300.05		41,300.05	41,300.05
26	June'04	21,307.06	4,172.73	0.00	8,024.77	8,685.50	8.98	1,461.91		0.00	714.38	44,375.33	672.19	(714.38)	(13.10)	44,320.04	44,320.04		44,320.04
27	July'04	24,102.85	2,824.11	0.00	8,909.02	4,916.54	19.05	1,355.61		0.00	657.36	42,784.54	701.54	(657.36)	(9.21)	42,819.51		42,819.51	42,819.51
28	August'04	29,313.51	4,078.51	0.00	6,236.08	7,424.73	50.12	1,228.87		0.00	660.44	48,992.26	527.14	(660.44)	(9.66)	48,849.30	48,849.30		48,849.30
29	September'04	24,357.77	4,505.85	0.00	7,168.38	7,214.78	38.18	1,262.67		0.00	591.78	45,139.41	59.44	(591.78)	(10.89)	44,596.18		44,596.18	44,596.18
30	October'04	26,150.00	7,127.19	0.00	7,871.03	6,642.44	49.79	1,797.00	1,973.70	0.00	738.68	52,349.83	617.49	(738.68)	(16.62)	52,212.02	52,212.02		52,212.02
31	November'04	20,896.06	5,166.08	0.00	8,230.35	8,421.55	37.10	2,018.27	288.51	0.00	737.74	45,795.66	1,086.79	(737.74)	(15.39)	46,129.32		46,129.32	46,129.32
32	December'04	22,239.57	4,281.46	0.00	8,727.20	8,078.43	28.97	1,611.90	0.00	0.00	639.08	45,606.61	1,283.21	(639.08)	(12.16)	46,238.58			0.00
33	Total 12 Month	289,654.54	50,739.76	0.00	90,275.65	89,595.83	273.97	16,260.02	2,262.21	0.00	7,938.76	547,000.74	6,720.83	(7,938.76)	(148.89)	545,633.92	214,960.34	284,435.00	499,395.34
34																			
35																			
36																			
37																			
38	Fiscal Yr. Totals	26,150.00	7,127.19	0.00	7,871.03	6,642.44	49.79	1,797.00	0.00	738.68	52,349.83	617.49	(738.68)	(16.62)	52,212.02	52,212.02	0.00	52,212.02	52,212.02
44	Note's:	1. Processable includes Mixed Processable																	
45		2. Non-Processable includes Mixed Non-Processable																	
46		3. For Fiscal Year End unhide rows 39 thru 43.																	
47		4. Column 'G' Plastic/Emergency Rate is hidden.																	
48		Landfill Total Less Processable, R.R. Ash, Tires, and Yard Waste Residential:																	
49		Rate Non-processable Total:																	
50		Difference																	

Date: 08/02/2004

Hillsborough County Solid Waste Management Department

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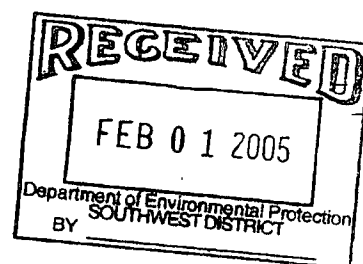
Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 07/01/2004 thru 07/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT	419	7,657.97	\$386,191.43
130	Processable - Tampa	19	266.80	\$7,958.65
230	Non-Processable - Tampa	3	0.00	\$0.00
900	Unable To Process	441	7,924.77	\$394,150.08
	Totals for Customer:			
002	CITY OF TAMPA MCKAY BAY	208	4,916.54	\$146,660.46
235	Tampa Ash	208	4,916.54	\$146,660.46
	Totals for Customer:			
004	CITY OF TAMPA PARKS DEPT	2	6.70	\$199.86
230	Non-Processable - Tampa	1	0.00	\$0.00
900	Unable To Process	3	6.70	\$199.86
	Totals for Customer:			
009	CITY OF TAMPA/ANIMAL	10	0.75	\$41.44
230	Non-Processable - Tampa	10	0.75	\$41.44
	Totals for Customer:			
303	HC ANIMAL CONTROL	5	3.27	\$111.39
200	Non-Processable	5	3.27	\$111.39
	Totals for Customer:			
312	PARKS, RECREATION & CONSERVATION DEPT.	1	0.65	\$22.14
200	Non-Processable	7	11.14	\$379.43
202	C&DD Pure	8	11.79	\$401.57
	Totals for Customer:			
315	WATER DEPARTMENT	2	0.73	\$24.87
200	Non-Processable	2	0.73	\$24.87
	Totals for Customer:			
332	FEDERAL BUREAU OF INVESTIGATION	2	4.47	\$152.25
200	Non-Processable	2	4.47	\$152.25
	Totals for Customer:			
351	ST OF FL DEPT OF TRANSPORTATION	2	2.63	\$89.58
200	Non-Processable	5	4.65	\$158.39
202	C&DD Pure	4	4.11	\$153.42
400	Tires	11	11.39	\$401.39
	Totals for Customer:			
353	ST OF FL DIVISION OF FORESTRY	1	0.73	\$24.86
202	C&DD Pure	1	0.73	\$24.86
	Totals for Customer:			
410	EAST BAY SANITATION SERVICE INC (R)	24	242.98	\$0.00
110	Processable Residential	24	242.98	\$0.00
	Totals for Customer:			
411	EAST BAY SANITATION SERVICE INC (C)	4	47.78	\$2,698.62
100	Processable	4	47.78	\$2,698.62
	Totals for Customer:			
412	EAST BAY SANITATION SERVICE INC (R/O)	13	31.38	\$1,772.34
100	Processable	12	61.36	\$2,089.91
200	Non-Processable	23	104.82	\$3,570.18
202	C&DD Pure	2	12.80	\$435.97
205	Asbestos	4	8.53	\$318.43
400	Tires	54	218.89	\$8,186.83
	Totals for Customer:			
413	LIBERTY WASTE & RECYCLING (R)	8	105.63	\$0.00
110	Processable Residential	8	105.63	\$0.00
	Totals for Customer:			
415	LIBERTY WASTE & RECYCLING (R/O)			

OK
J. J. Almer
8-2-04



Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 07/01/2004 thru 07/31/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	8	67.37	\$2,294.63
202	C&DD Pure	44	201.34	\$6,857.64
400	Tires	1	4.31	\$160.89
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	54	273.02	\$9,313.16
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	8	110.10	\$6,218.46
	Totals for Customer:	8	110.10	\$6,218.46
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	34	150.51	\$8,500.81
200	Non-Processable	52	254.38	\$8,664.18
202	C&DD Pure	162	719.86	\$24,518.49
400	Tires	6	23.38	\$872.77
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	255	1,148.13	\$42,556.25
601	CASH (SOUTHEAST COUNTY LANDFILL)			
100	Processable	1	1.01	\$57.04
200	Non-Processable	244	296.21	\$10,093.08
202	C&DD Pure	116	136.29	\$4,642.03
205	Asbestos	2	1.91	\$65.05
400	Tires	256	481.35	\$17,968.75
500	VEHICLE SCALE WEIGHT	3	0.00	\$15.00
900	Unable To Process	5	0.00	\$0.00
	Totals for Customer:	627	916.77	\$32,840.95
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	282	4,904.78	\$0.00
	Totals for Customer:	282	4,904.78	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	608	10,850.71	\$0.00
	Totals for Customer:	608	10,850.71	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	161	92.93	\$0.00
213	C&DD Pure Residential	104	123.17	\$0.00
215	Asbestos - Residential	1	4.34	\$0.00
410	Tires - Residential	2	0.58	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	270	221.02	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	18	80.82	\$0.00
410	Tires - Residential	3	3.43	\$0.00
	Totals for Customer:	21	84.25	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	11	127.46	\$0.00
410	Tires - Residential	2	16.01	\$0.00
	Totals for Customer:	13	143.47	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	83	285.88	\$0.00

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 07/01/2004 thru 07/31/2004

Customer Id	Company Name	Count	Net Weight	Total
622	ALDERMAN FORD CCC			
410	Tires - Residential	1	4.53	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	85	290.41	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	45	435.48	\$0.00
410	Tires - Residential	1	5.04	\$0.00
	Totals for Customer:	46	440.52	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	47	653.75	\$0.00
410	Tires - Residential	2	11.57	\$0.00
	Totals for Customer:	49	665.32	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	21	76.91	\$0.00
410	Tires - Residential	1	4.93	\$0.00
	Totals for Customer:	22	81.84	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	5	0.57	\$0.00
	Totals for Customer:	5	0.57	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	352	8,909.02	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	353	8,909.02	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	50	695.79	\$0.00
450	Unshredable Tires	1	5.75	\$0.00
	Totals for Customer:	51	701.54	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	2	9.21	\$0.00
	Totals for Customer:	2	9.21	\$0.00
801	GCR TIRE CENTERS			
200	Non-Processable	4	18.50	\$630.11
400	Tires	2	12.49	\$466.25
	Totals for Customer:	6	30.99	\$1,096.36
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	5	4.64	\$158.04
400	Tires	1	0.45	\$16.80
	Totals for Customer:	6	5.09	\$174.84
812	COUNTY FIRE EQUIPMENT CO			
200	Non-Processable	2	4.03	\$137.26
	Totals for Customer:	2	4.03	\$137.26
813	BULLFROG CREEK MOBILE HOME PARK			
200	Non-Processable	3	0.87	\$29.64
202	C&DD Pure	1	0.86	\$29.29
400	Tires	1	0.31	\$11.57
	Totals for Customer:	5	2.04	\$70.50
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	1	5.17	\$176.09
400	Tires	5	22.31	\$832.83
	Totals for Customer:	6	27.48	\$1,008.92
859	COMPLETE LANDCARE INC.			
202	C&DD Pure	1	5.28	\$179.84
	Totals for Customer:	1	5.28	\$179.84
861	COAST HUBCAPS&WHLs/KEYSTONE			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 07/01/2004 thru 07/31/2004

Customer Id	Company Name	Count	Net Weight	Total
861	COAST HUBCAPS&WHLs/KEYSTONE	1	1.36	\$46.32
200	Non-Processable	1	1.36	\$46.32
	Totals for Customer:	1		
871	COPHER U PULL IT INC.	1	3.13	\$116.84
400	Tires	1	3.13	\$116.84
	Totals for Customer:	1		
893	ALPHA EXCAVATING & EQUIPMENT RENTAL	3	12.95	\$441.08
200	Non-Processable	8	38.86	\$1,323.58
202	C&DD Pure	1	2.93	\$109.38
400	Tires	12	54.74	\$1,874.04
	Totals for Customer:	12		
907	JOHNSON'S EXCAVATION & SERVICES	1	3.65	\$124.32
200	Non-Processable	7	29.07	\$1,085.17
400	Tires	8	32.72	\$1,209.49
	Totals for Customer:	8		
936	CARROLL TIRE COMPANY	2	11.11	\$414.74
400	Tires	2	11.11	\$414.74
	Totals for Customer:	2		
948	VIGO IMPORTING COMPANY	4	7.87	\$268.05
200	Non-Processable	4	7.87	\$268.05
	Totals for Customer:	4		
950	MM&A CONSTRUCTION	2	8.61	\$293.25
202	C&DD Pure	1	0.78	\$29.12
400	Tires	3	9.39	\$322.37
	Totals for Customer:	3		
956	KIMMINS CORPORATION	3	30.17	\$1,027.59
200	Non-Processable	1	5.13	\$191.50
400	Tires	4	35.30	\$1,219.09
	Totals for Customer:	4		
958	FLORIDA REFUSE SERVICE INC	1	15.78	\$537.47
200	Non-Processable	1	15.78	\$537.47
	Totals for Customer:	1		
986	BOYD'S AUTO CENTER	2	1.88	\$70.18
400	Tires	2	1.88	\$70.18
	Totals for Customer:	2		
	Grand Totals:	3596	43,495.29	\$652,728.75

Hillsborough County Solid Waste Management System Contract Management

Contractor:	Waste Management of Florida				Notice to Proceed Date:October 1, 1993			
PURPOSE:	Operation and Construction of the Southeast County Landfill							
OCC Approval:	9/6/1989	Document Number:	89-1435					
	This contract is a life of the site contract.							
				Actual Payment Expenditures for FY 04:	5,005,499.63			
P.O. Number:	DPSW04612008							
Index/Subobj:	SWE03020/3431	Contact Person:	Patricia V. Berry		Total Retainage for FY 04:	50,560.62 (1% of payment)		
COMMENTS:	This Agreement with WMI is for the Operation/Construction of the Southeast County Landfill. The budget amount for fiscal year 2004 is \$5,377,000				Actual Budget Expenditure FY 04:	5,056,060.25 Section 7 included		
				Total tons Buried ('04):	422,394.25			
Invoice Date	Amount Paid	PaymentNo.	Doc #	Contract Amount	Contract Balance	Retainage Fee	Tons Buried	COMMENTS
				4,242,445.77				
11/4/2003	486,820.99	1-Oct	RCCW04001610		3,755,624.78	4,917.39	41,080.90	
12/3/2003	400,540.73	2-Nov	RCCW04005648		3,355,084.05	4,045.87	33,800.05	
1/12/2004	472,884.68	3-Dec	RCCW04009057		2,882,199.37	4,776.61	39,904.87	
2/4/2004	238,635.77	4-Jan	RCCW04012833		2,643,563.60	2,410.47	20,137.53	
4/2/2004	585,896.01	6-Mar	RCCW04020591		2,057,667.59	5,918.14	49,441.45	
7/2/2004	525,205.77	7-Jun	RCCW04033025		1,532,461.82	5,305.11	44,320.04	
				1,134,554.00				Increase remaining balance in line item

Hillsborough County Solid Waste Management System Contract Management

[illegible]

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 07/01/2004 thru 07/31/2004

Site Summary by Material

Material	Tons
100 Processable	340.78
110 Processable Residential	348.61
130 Processable - Tampa	7,657.97
200 Non-Processable	796.06
202 C&DD Pure	1,232.44
205 Asbestos	14.71
210 Non-Proc. - Residential	1,753.23
213 C&DD Pure Residential	123.17
215 Asbestos - Residential	4.34
230 Non-Processable - Tampa	274.25
235 Tampa Ash	4,916.54
400 Tires	611.27
410 Tires - Residential	46.09
444 Shredded Tires	695.79
450 Unshredable Tires	5.75
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	15,755.49
625 RRF Ash @ Landfill	8,909.02
820 SWMD - Non-Processable	0.57
900 Unable To Process	0.00
Total Tons Weighed	43,486.08

Adjustments

Material	Tons
400 Tires	611.27
410 Tires - Residential	46.09
720 Metals Extraction	9.21
Total Adjustments	666.57
Total Net Tons	<u>42,819.51</u>

$$\begin{array}{r}
 \times 11.97 = 512,549.53 \\
 1\% \quad - \langle 5,125.50 \rangle \\
 \hline
 507,424.03
 \end{array}$$

RCW04036967

PMB

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	128	2,443.00	\$123,200.50
230	Non-Processable - Tampa	63	971.50	\$28,979.89
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	192	3,414.50	\$152,180.39
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	324	7,424.73	\$221,479.76
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	325	7,424.73	\$221,479.76
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	2	2.53	\$75.47
	Totals for Customer:	2	2.53	\$75.47
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	7	0.68	\$24.44
	Totals for Customer:	7	0.68	\$24.44
075	CITY OF TEMPLE TERRACE			
420	Tires - Municipal	1	3.01	\$112.36
	Totals for Customer:	1	3.01	\$112.36
303	HC ANIMAL CONTROL			
200	Non-Processable	9	7.57	\$257.85
	Totals for Customer:	9	7.57	\$257.85
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	3	3.70	\$126.03
202	C&DD Pure	8	10.96	\$373.30
	Totals for Customer:	11	14.66	\$499.33
313	HC ROAD DEPT			
200	Non-Processable	6	1.71	\$59.62
	Totals for Customer:	6	1.71	\$59.62
314	HC SHERIFFS DEPT			
200	Non-Processable	1	0.33	\$11.24
	Totals for Customer:	1	0.33	\$11.24
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	1	1.21	\$41.21
202	C&DD Pure	7	6.92	\$235.70
400	Tires	1	0.56	\$20.90
	Totals for Customer:	9	8.69	\$297.81
353	ST OF FL DIVISION OF FORESTRY			
200	Non-Processable	1	0.57	\$19.41
	Totals for Customer:	1	0.57	\$19.41
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	27	306.59	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	28	306.59	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	3	40.17	\$2,268.80
	Totals for Customer:	3	40.17	\$2,268.80
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	23	100.40	\$5,670.59
200	Non-Processable	16	81.69	\$2,782.34
202	C&DD Pure	29	125.27	\$4,266.70
400	Tires	5	12.30	\$459.16
	Totals for Customer:	73	319.66	\$13,178.79
413	LIBERTY WASTE & RECYCLING (R)			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Customer Id	Company Name	Count	Net Weight	Total
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	96	1,189.85	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	97	1,189.85	\$0.00
414	LIBERTY WASTE & RECYCLING (C)			
100	Processable	5	69.81	\$3,942.87
	Totals for Customer:	5	69.81	\$3,942.87
415	LIBERTY WASTE & RECYCLING (R/O)			
100	Processable	4	15.65	\$883.91
200	Non-Processable	12	115.52	\$3,934.61
202	C&DD Pure	55	257.30	\$8,763.63
205	Asbestos	6	49.36	\$1,681.20
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	78	437.83	\$15,263.35
416	WASTE MANAGEMENT OF TAMPA INC (R)			
110	Processable Residential	2	34.32	\$0.00
	Totals for Customer:	2	34.32	\$0.00
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	13	161.39	\$9,115.31
	Totals for Customer:	13	161.39	\$9,115.31
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	32	180.06	\$10,169.81
200	Non-Processable	39	152.09	\$5,180.55
202	C&DD Pure	130	545.42	\$18,577.02
400	Tires	8	24.88	\$928.76
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	210	902.45	\$34,856.14
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	223	283.19	\$9,654.36
202	C&DD Pure	122	142.28	\$4,846.44
205	Asbestos	1	0.62	\$21.12
400	Tires	220	472.03	\$17,620.91
500	VEHICLE SCALE WEIGHT	2	0.00	\$10.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	569	898.12	\$32,152.83
606	OVERLAND SERVICES INC.			
610	Processable - Transferred	1	27.36	\$0.00
	Totals for Customer:	1	27.36	\$0.00
610	HC RESOURCE RECOVERY			
820	SWMD - Non-Processable	1	3.57	\$0.00
	Totals for Customer:	1	3.57	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	312	5,392.94	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	313	5,392.94	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	1036	19,351.97	\$0.00
900	Unable To Process	3	0.00	\$0.00
	Totals for Customer:	1039	19,351.97	\$0.00
614	Southeast County Landfill Residential			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Customer Id	Company Name	Count	Net Weight	Total
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	130	72.69	\$0.00
213	C&DD Pure Residential	82	85.31	\$0.00
215	Asbestos - Residential	1	0.14	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	215	158.14	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	61	369.77	\$0.00
213	C&DD Pure Residential	1	3.93	\$0.00
410	Tires - Residential	17	30.75	\$0.00
	Totals for Customer:	79	404.45	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	41	382.62	\$0.00
410	Tires - Residential	1	8.94	\$0.00
	Totals for Customer:	42	391.56	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	74	285.97	\$0.00
410	Tires - Residential	2	9.54	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	77	295.51	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	38	384.23	\$0.00
410	Tires - Residential	1	3.82	\$0.00
	Totals for Customer:	39	388.05	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	63	762.21	\$0.00
410	Tires - Residential	2	10.46	\$0.00
	Totals for Customer:	65	772.67	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	21	84.38	\$0.00
410	Tires - Residential	1	4.35	\$0.00
	Totals for Customer:	22	88.73	\$0.00
629	SWMD / YARDWASTE REJECT			
820	SWMD - Non-Processable	1	8.16	\$0.00
	Totals for Customer:	1	8.16	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	1	0.12	\$0.00
	Totals for Customer:	1	0.12	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	247	6,236.08	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	248	6,236.08	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	40	513.24	\$0.00
450	Unshreddable Tires	2	13.90	\$0.00
	Totals for Customer:	42	527.14	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	2	9.66	\$0.00
	Totals for Customer:	2	9.66	\$0.00
801	GCR TIRE CENTERS			
400	Tires	1	6.47	\$241.53
	Totals for Customer:	1	6.47	\$241.53
805	TRAFFIC CONTROL PRODUCTS			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Customer Id	Company Name	Count	Net Weight	Total
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	1	1.62	\$55.18
400	Tires	2	0.81	\$30.24
	Totals for Customer:	3	2.43	\$85.42
813	BULLFROG CREEK MOBILE HOME PARK			
200	Non-Processable	1	0.45	\$15.33
	Totals for Customer:	1	0.45	\$15.33
820	OLIN MOTT TIRE COMPANY			
400	Tires	6	29.69	\$1,108.34
	Totals for Customer:	6	29.69	\$1,108.34
825	BLOOMFIELD-ST PETE PROPERTIES			
202	C&DD Pure	3	3.37	\$114.78
	Totals for Customer:	3	3.37	\$114.78
859	COMPLETE LANDCARE INC.			
202	C&DD Pure	1	2.85	\$97.07
	Totals for Customer:	1	2.85	\$97.07
871	COPHER U PULL IT INC.			
200	Non-Processable	1	5.80	\$197.55
400	Tires	1	4.52	\$168.73
	Totals for Customer:	2	10.32	\$366.28
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
202	C&DD Pure	5	27.70	\$943.45
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	6	27.70	\$943.45
906	COVANTA TAMPA BAY			
200	Non-Processable	4	49.20	\$1,675.76
	Totals for Customer:	4	49.20	\$1,675.76
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	1	4.23	\$144.07
400	Tires	7	33.23	\$1,240.49
	Totals for Customer:	8	37.46	\$1,384.56
914	RIVERWALK VILLAGE			
202	C&DD Pure	1	1.64	\$55.86
	Totals for Customer:	1	1.64	\$55.86
926	P.R. STEELE COAT, INC.			
200	Non-Processable	1	7.93	\$270.10
	Totals for Customer:	1	7.93	\$270.10
937	WINGFOOT COMMERCIAL TIRE			
400	Tires	1	2.24	\$83.62
	Totals for Customer:	1	2.24	\$83.62
938	HURLEY TAILWATER			
200	Non-Processable	4	12.89	\$439.04
	Totals for Customer:	4	12.89	\$439.04
948	VIGO IMPORTING COMPANY			
200	Non-Processable	3	5.41	\$184.27
	Totals for Customer:	3	5.41	\$184.27
950	MM&A CONSTRUCTION			
202	C&DD Pure	4	15.92	\$542.24
	Totals for Customer:	4	15.92	\$542.24
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	13.26	\$451.64
	Totals for Customer:	1	13.26	\$451.64
981	THE SALVATION ARMY			
200	Non-Processable	1	1.71	\$58.24
	Totals for Customer:	1	1.71	\$58.24
986	BOYD'S AUTO CENTER			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Customer Id	Company Name	Count	Net Weight	Total
986	BOYD'S AUTO CENTER	3	2.84	\$106.02
400	Tires	3	2.84	\$106.02
	Totals for Customer:	3	2.84	\$106.02
	Grand Totals:	3883	49,529.06	\$494,019.32

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 08/01/2004 thru 08/31/2004

Site Summary by Material

Material		Tons
100	Processable	567.48
110	Processable Residential	1,530.76
130	Processable - Tampa	2,443.00
200	Non-Processable	750.08
202	C&DD Pure	1,139.63
205	Asbestos	49.98
210	Non-Proc. - Residential	2,341.87
213	C&DD Pure Residential	89.24
215	Asbestos - Residential	0.14
230	Non-Processable - Tampa	974.71
235	Tampa Ash	7,424.73
400	Tires	589.57
410	Tires - Residential	67.86
420	Tires - Municipal	3.01
444	Shredded Tires	513.24
450	Unshredable Tires	13.90
500	VEHICLE SCALE WEIGHT	0.00
610	Processable - Transferred	24,772.27
625	RRF Ash @ Landfill	6,236.08
820	SWMD - Non-Processable	11.85
900	Unable To Process	0.00
Total Tons Weighed		49,519.40

Adjustments

Material		Tons
400	Tires	589.57
410	Tires - Residential	67.86
420	Tires - Municipal	3.01
720	Metals Extraction	9.66
Total Adjustments		670.10
Total Net Tons		48,849.30

$$48,849.30 \times 11.97 = 584,726.13$$

less 1070 (5,847.27)

Rec'd 40408788
Rec'd 40408781

578,878.86

One WHHL

9/3/04

SR

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 09/01/2004 thru 09/30/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	193	3,468.05	\$174,893.76
230	Non-Processable - Tampa	61	946.17	\$28,224.26
	Totals for Customer:	254	4,414.22	\$203,118.02
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	350	7,214.78	\$215,216.86
	Totals for Customer:	350	7,214.78	\$215,216.86
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	1	4.37	\$130.36
	Totals for Customer:	1	4.37	\$130.36
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	7	5.21	\$158.98
	Totals for Customer:	7	5.21	\$158.98
303	HC ANIMAL CONTROL			
200	Non-Processable	5	4.36	\$148.51
	Totals for Customer:	5	4.36	\$148.51
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	5	5.53	\$188.35
202	C&DD Pure	3	3.74	\$127.39
	Totals for Customer:	8	9.27	\$315.74
315	WATER DEPARTMENT			
200	Non-Processable	51	1,099.51	\$37,449.30
202	C&DD Pure	6	141.23	\$4,810.29
	Totals for Customer:	57	1,240.74	\$42,259.59
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	4	3.98	\$135.55
202	C&DD Pure	1	0.45	\$15.33
	Totals for Customer:	5	4.43	\$150.88
353	ST OF FL DIVISION OF FORESTRY			
200	Non-Processable	1	0.54	\$18.39
400	Tires	1	0.62	\$23.14
	Totals for Customer:	2	1.16	\$41.53
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	15	186.46	\$0.00
	Totals for Customer:	15	186.46	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	6	76.03	\$4,294.18
	Totals for Customer:	6	76.03	\$4,294.18
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	16	64.33	\$3,633.37
200	Non-Processable	18	82.96	\$2,825.61
202	C&DD Pure	38	209.43	\$7,133.19
400	Tires	2	5.13	\$191.50
	Totals for Customer:	74	361.85	\$13,783.67
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	27	345.00	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	28	345.00	\$0.00
414	LIBERTY WASTE & RECYCLING (C)			
100	Processable	2	28.16	\$1,590.48
	Totals for Customer:	2	28.16	\$1,590.48
415	LIBERTY WASTE & RECYCLING (R/O)			

OK
AD
10-05-04

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 09/01/2004 thru 09/30/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
100	Processable	2	3.04	\$171.70
200	Non-Processable	9	79.58	\$2,710.49
202	C&DD Pure	30	139.62	\$4,755.45
205	Asbestos	4	37.17	\$1,266.01
400	Tires	1	4.27	\$159.40
	Totals for Customer:	46	263.68	\$9,063.05
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	9	111.82	\$6,315.59
	Totals for Customer:	9	111.82	\$6,315.59
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	39	226.70	\$12,804.02
200	Non-Processable	34	135.01	\$4,598.44
202	C&DD Pure	88	356.48	\$12,141.68
400	Tires	8	32.21	\$1,202.39
	Totals for Customer:	169	750.40	\$30,746.53
601	CASH (SOUTHEAST COUNTY LANDFILL)			
065	Emergency Landfill Rate	1	2.14	\$42.63
200	Non-Processable	203	211.01	\$7,190.79
202	C&DD Pure	136	197.67	\$6,735.02
205	Asbestos	2	1.01	\$34.40
400	Tires	220	436.74	\$16,307.87
500	VEHICLE SCALE WEIGHT	1	0.00	\$5.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	565	848.57	\$30,315.71
610	HC RESOURCE RECOVERY			
820	SWMD - Non-Processable	1	4.12	\$0.00
	Totals for Customer:	1	4.12	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	306	5,384.01	\$0.00
	Totals for Customer:	306	5,384.01	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	759	14,463.69	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	760	14,463.69	\$0.00
614	Southeast County Landfill Residential			
110	Processable Residential	1	0.48	\$0.00
210	Non-Proc. - Residential	118	71.49	\$0.00
213	C&DD Pure Residential	115	138.45	\$0.00
	Totals for Customer:	234	210.42	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	10	45.70	\$0.00
213	C&DD Pure Residential	1	3.46	\$0.00
410	Tires - Residential	4	3.48	\$0.00
	Totals for Customer:	15	52.64	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	14	166.26	\$0.00
410	Tires - Residential	2	16.03	\$0.00
	Totals for Customer:	16	182.29	\$0.00
622	ALDERMAN FORD CCC			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 09/01/2004 thru 09/30/2004

Customer Id	Company Name	Count	Net Weight	Total
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	73	302.85	\$0.00
	Totals for Customer:	73	302.85	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	43	394.20	\$0.00
410	Tires - Residential	1	5.65	\$0.00
	Totals for Customer:	44	399.85	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	57	671.86	\$0.00
410	Tires - Residential	1	5.04	\$0.00
	Totals for Customer:	58	676.90	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	21	82.87	\$0.00
	Totals for Customer:	21	82.87	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	6	0.94	\$0.00
	Totals for Customer:	6	0.94	\$0.00
640	EMERGENCY EVENT			
213	C&DD Pure Residential	20	52.33	\$0.00
	Totals for Customer:	20	52.33	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	306	7,168.38	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	307	7,168.38	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	7	40.41	\$0.00
450	Unshredable Tires	2	19.03	\$0.00
	Totals for Customer:	9	59.44	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	4	10.89	\$0.00
	Totals for Customer:	4	10.89	\$0.00
801	GCR TIRE CENTERS			
200	Non-Processable	1	5.97	\$203.34
400	Tires	1	5.51	\$205.69
	Totals for Customer:	2	11.48	\$409.03
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	4	2.87	\$97.75
202	C&DD Pure	1	0.70	\$23.84
400	Tires	1	0.31	\$11.57
	Totals for Customer:	6	3.88	\$133.16
812	COUNTY FIRE EQUIPMENT CO			
200	Non-Processable	1	1.88	\$64.03
	Totals for Customer:	1	1.88	\$64.03
813	BULLFROG CREEK MOBILE HOME PARK			
200	Non-Processable	1	0.31	\$10.56
	Totals for Customer:	1	0.31	\$10.56
820	OLIN MOTT TIRE COMPANY			
400	Tires	5	23.99	\$895.55
	Totals for Customer:	5	23.99	\$895.55
822	CROSS ENVIRONMENTAL SERVICES INC			
200	Non-Processable	12	108.78	\$3,705.02
	Totals for Customer:	12	108.78	\$3,705.02
825	BLOOMFIELD-ST PETE PROPERTIES			
202	C&DD Pure	2	1.84	\$62.67
	Totals for Customer:	2	1.84	\$62.67
842	APOLLO CONSTRUCTION & ENGINEERING SVCRV.			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 09/01/2004 thru 09/30/2004

Customer Id	Company Name	Count	Net Weight	Total
842	APOLLO CONSTRUCTION & ENGINEERING SVCRV.			
200	Non-Processable	1	1.10	\$37.47
	Totals for Customer:	1	1.10	\$37.47
846	TIRE CENTERS LLC #453 VENDOR #V31164			
400	Tires	2	8.52	\$318.05
	Totals for Customer:	2	8.52	\$318.05
847	EKKWILL TROPICAL FISH FARM			
200	Non-Processable	2	2.62	\$89.24
	Totals for Customer:	2	2.62	\$89.24
861	COAST HUBCAPS&WHLs/KEYSTONE			
200	Non-Processable	2	2.29	\$78.00
	Totals for Customer:	2	2.29	\$78.00
870	HELENA CHEMICAL COMPANY			
400	Tires	1	0.99	\$36.96
	Totals for Customer:	1	0.99	\$36.96
871	COPHER U PULL IT INC.			
400	Tires	3	9.51	\$355.01
	Totals for Customer:	3	9.51	\$355.01
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
202	C&DD Pure	3	13.07	\$445.16
	Totals for Customer:	3	13.07	\$445.16
906	R.W. BECK PLANT MANAGEMENT LTD.			
200	Non-Processable	4	36.62	\$1,247.28
	Totals for Customer:	4	36.62	\$1,247.28
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	1	3.33	\$113.42
400	Tires	7	26.48	\$991.86
	Totals for Customer:	8	29.81	\$1,105.28
936	CARROLL TIRE COMPANY			
400	Tires	1	5.08	\$189.64
	Totals for Customer:	1	5.08	\$189.64
937	WINGFOOT COMMERCIAL TIRE			
400	Tires	1	1.39	\$51.89
	Totals for Customer:	1	1.39	\$51.89
948	VIGO IMPORTING COMPANY			
200	Non-Processable	2	6.56	\$223.43
	Totals for Customer:	2	6.56	\$223.43
950	MM&A CONSTRUCTION			
202	C&DD Pure	1	4.20	\$143.05
	Totals for Customer:	1	4.20	\$143.05
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	12.86	\$438.01
	Totals for Customer:	1	12.86	\$438.01
986	BOYD'S AUTO CENTER			
400	Tires	1	0.83	\$30.98
	Totals for Customer:	1	0.83	\$30.98
	Grand Totals:	3539	45,209.74	\$567,719.15

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 09/01/2004 thru 09/30/2004

Site Summary by Material

Material	Tons
065 Emergency Landfill Rate	2.14
100 Processable	510.08
110 Processable Residential	531.94
130 Processable - Tampa	3,468.05
200 Non-Processable	1,807.67
202 C&DD Pure	1,068.43
205 Asbestos	38.18
210 Non-Proc. - Residential	1,735.23
213 C&DD Pure Residential	194.24
230 Non-Processable - Tampa	955.75
235 Tampa Ash	7,214.78
400 Tires	561.58
410 Tires - Residential	30.20
444 Shredded Tires	40.41
450 Unshredable Tires	19.03
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	19,847.70
625 RRF Ash @ Landfill	7,168.38
820 SWMD - Non-Processable	5.06
900 Unable To Process	0.00
Total Tons Weighed	45,198.85

Adjustments

Material	Tons
400 Tires	561.58
410 Tires - Residential	30.20
720 Metals Extraction	10.89
Total Adjustments	602.67
Total Net Tons	44,596.18

$44,596.18 \times 11.97 = 533,816.28$

less 190 Recycled (5,338.17)

Recycled 404965 528,478.11

line WHd
10/6/04

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BWS

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 10/01/2004 thru 10/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	234	4,070.35	\$205,267.74
230	Non-Processable - Tampa	108	1,632.40	\$48,694.53
	Totals for Customer:	342	5,702.75	\$253,962.27
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	300	6,642.44	\$198,143.97
	Totals for Customer:	300	6,642.44	\$198,143.97
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	1	4.57	\$136.32
	Totals for Customer:	1	4.57	\$136.32
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	5	0.18	\$14.90
	Totals for Customer:	5	0.18	\$14.90
303	HC ANIMAL CONTROL			
200	Non-Processable	3	2.63	\$89.58
	Totals for Customer:	3	2.63	\$89.58
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	3	2.28	\$77.67
202	C&DD Pure	7	7.40	\$252.04
400	Tires	1	0.08	\$3.73
	Totals for Customer:	11	9.76	\$333.44
313	HC ROAD DEPT			
200	Non-Processable	4	1.01	\$35.77
	Totals for Customer:	4	1.01	\$35.77
315	WATER DEPARTMENT			
200	Non-Processable	114	2,584.37	\$88,023.65
	Totals for Customer:	114	2,584.37	\$88,023.65
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	2	2.49	\$84.81
202	C&DD Pure	2	1.73	\$58.93
400	Tires	2	1.80	\$67.20
	Totals for Customer:	6	6.02	\$210.94
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	11	124.77	\$0.00
310	Yard/Wood Wst Residential	124	1,314.90	\$0.00
	Totals for Customer:	135	1,439.67	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	7	80.68	\$4,556.80
	Totals for Customer:	7	80.68	\$4,556.80
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	19	60.16	\$3,397.85
200	Non-Processable	9	55.10	\$1,876.70
202	C&DD Pure	47	280.46	\$9,552.41
400	Tires	7	21.93	\$818.65
	Totals for Customer:	82	417.65	\$15,645.61
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	24	268.89	\$0.00
210	Non-Proc. - Residential	3	22.53	\$0.00
310	Yard/Wood Wst Residential	86	656.67	\$0.00
	Totals for Customer:	113	948.09	\$0.00
415	LIBERTY WASTE & RECYCLING (R/O)			

OK
APD/mw
11-2-04

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 10/01/2004 thru 10/31/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	8	64.06	\$2,181.88
202	C&DD Pure	55	250.32	\$8,525.92
205	Asbestos	12	42.62	\$1,451.64
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	76	357.00	\$12,159.44
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	10	98.38	\$5,556.51
	Totals for Customer:	10	98.38	\$5,556.51
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	37	206.56	\$11,666.51
200	Non-Processable	38	126.49	\$4,308.24
202	C&DD Pure	109	482.18	\$16,423.07
400	Tires	3	12.19	\$455.05
	Totals for Customer:	187	827.42	\$32,852.87
601	CASH (SOUTHEAST COUNTY LANDFILL)			
065	Emergency Landfill Rate	11	14.39	\$287.47
067	Emergency Yard Waste	1	0.72	\$12.32
200	Non-Processable	213	351.84	\$11,986.75
202	C&DD Pure	228	510.24	\$17,379.24
205	Asbestos	3	7.17	\$244.21
400	Tires	273	551.15	\$20,574.46
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	731	1,435.51	\$50,484.45
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	299	5,190.05	\$0.00
	Totals for Customer:	299	5,190.05	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	974	16,046.89	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	976	16,046.89	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	148	82.98	\$0.00
213	C&DD Pure Residential	151	173.39	\$0.00
310	Yard/Wood Wst Residential	1	1.41	\$0.00
410	Tires - Residential	3	2.20	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	305	259.98	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	37	194.05	\$0.00
410	Tires - Residential	7	12.10	\$0.00
	Totals for Customer:	44	206.15	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	17	204.10	\$0.00
410	Tires - Residential	1	7.08	\$0.00
	Totals for Customer:	18	211.18	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	85	320.72	\$0.00

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 10/01/2004 thru 10/31/2004

Customer Id	Company Name	Count	Net Weight	Total
622	ALDERMAN FORD CCC			
410	Tires - Residential	1	5.33	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	87	326.05	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	55	453.16	\$0.00
410	Tires - Residential	2	7.79	\$0.00
	Totals for Customer:	57	460.95	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	62	787.95	\$0.00
410	Tires - Residential	3	16.17	\$0.00
	Totals for Customer:	65	804.12	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	23	107.72	\$0.00
410	Tires - Residential	1	4.92	\$0.00
	Totals for Customer:	24	112.64	\$0.00
629	SWMD / YARDWASTE REJECT			
810	SWMD - Processable	1	3.27	\$0.00
820	SWMD - Non-Processable	1	3.62	\$0.00
	Totals for Customer:	2	6.89	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	5	0.76	\$0.00
	Totals for Customer:	5	0.76	\$0.00
640	EMERGENCY EVENT			
213	C&DD Pure Residential	36	81.32	\$0.00
	Totals for Customer:	36	81.32	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	313	7,871.03	\$0.00
	Totals for Customer:	313	7,871.03	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	39	596.75	\$0.00
450	Unshredable Tires	2	20.74	\$0.00
	Totals for Customer:	41	617.49	\$0.00
730	SELF TONS OUT			
710	Shredded Tires	1	3.19	\$0.00
720	Metals Extraction	5	16.62	\$0.00
	Totals for Customer:	6	19.81	\$0.00
801	GCR TIRE CENTERS			
400	Tires	3	16.17	\$603.63
	Totals for Customer:	3	16.17	\$603.63
805	TRAFFIC CONTROL PRODUCTS			
400	Tires	1	0.60	\$22.40
	Totals for Customer:	1	0.60	\$22.40
812	COUNTY FIRE EQUIPMENT CO			
200	Non-Processable	1	1.60	\$54.50
	Totals for Customer:	1	1.60	\$54.50
813	BULLFROG CREEK MOBILE HOME PARK			
200	Non-Processable	2	0.78	\$26.56
	Totals for Customer:	2	0.78	\$26.56
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	2	1.57	\$53.47
400	Tires	6	29.51	\$1,101.61
	Totals for Customer:	8	31.08	\$1,155.08
846	TIRE CENTERS LLC #453 VENDOR #V31164			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 10/01/2004 thru 10/31/2004

Customer Id	Company Name	Count	Net Weight	Total
846	TIRE CENTERS LLC #453 VENDOR #V31164			
400	Tires	1	3.97	\$148.20
	Totals for Customer:	1	3.97	\$148.20
871	COPHER U PULL IT INC.			
400	Tires	1	2.09	\$78.02
	Totals for Customer:	1	2.09	\$78.02
906	R.W. BECK PLANT MANAGEMENT LTD.			
200	Non-Processable	6	64.21	\$2,186.99
	Totals for Customer:	6	64.21	\$2,186.99
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	3	8.18	\$278.61
400	Tires	9	37.92	\$1,415.56
	Totals for Customer:	12	46.10	\$1,694.17
908	BEASLEY & SONS INC			
200	Non-Processable	2	10.28	\$350.13
	Totals for Customer:	2	10.28	\$350.13
922	SEGREST FARMS			
202	C&DD Pure	2	3.17	\$107.97
	Totals for Customer:	2	3.17	\$107.97
936	CARROLL TIRE COMPANY			
400	Tires	1	3.36	\$125.43
	Totals for Customer:	1	3.36	\$125.43
938	HURLEY TAILWATER			
200	Non-Processable	1	1.79	\$60.97
	Totals for Customer:	1	1.79	\$60.97
948	VIGO IMPORTING COMPANY			
200	Non-Processable	2	3.27	\$111.38
	Totals for Customer:	2	3.27	\$111.38
950	MM&A CONSTRUCTION			
200	Non-Processable	1	0.49	\$16.69
202	C&DD Pure	3	6.79	\$231.27
	Totals for Customer:	4	7.28	\$247.96
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	13.11	\$446.53
	Totals for Customer:	1	13.11	\$446.53
981	THE SALVATION ARMY			
200	Non-Processable	2	2.51	\$85.49
	Totals for Customer:	2	2.51	\$85.49
986	BOYD'S AUTO CENTER			
400	Tires	3	2.32	\$86.61
	Totals for Customer:	3	2.32	\$86.61
	Grand Totals:	4458	52,987.13	\$669,798.54

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 10/01/2004 thru 10/31/2004

Site Summary by Material

<u>Material</u>	<u>Tons</u>
065 Emergency Landfill Rate	14.39
067 Emergency Yard Waste	0.72
100 Processable	445.78
110 Processable Residential	393.66
130 Processable - Tampa	4,070.35
200 Non-Processable	3,298.06
202 C&DD Pure	1,542.29
205 Asbestos	49.79
210 Non-Proc. - Residential	2,173.21
213 C&DD Pure Residential	254.71
230 Non-Processable - Tampa	1,637.15
235 Tampa Ash	6,642.44
310 Yard/Wood Wst Residential	1,972.98
400 Tires	683.09
410 Tires - Residential	55.59
444 Shredded Tires	596.75
450 Unshredable Tires	20.74
610 Processable - Transferred	21,236.94
625 RRF Ash @ Landfill	7,871.03
810 SWMD - Processable	3.27
820 SWMD - Non-Processable	4.38
900 Unable To Process	0.00
Total Tons Weighed	52,967.32

Adjustments

<u>Material</u>	<u>Tons</u>
400 Tires	683.09
410 Tires - Residential	55.59
720 Metals Extraction	16.62
Total Adjustments	755.30
Total Net Tons	<u>52,212.02</u>

* 12.17 = 635,420.29
less 190 (6,354.21) -- Rec'd 0500373
629,066.08 -- Rec'd 0500373
due 11/2/04
JR

Hillsborough County SWMD ~ OF - Administrative Office

Material Summary For the Month of November 2004

<i>Material Text</i>	<i>Count</i>	<i>Net Wt (tn)</i>	<i>CYd</i>	<i>Tip \$</i>	<i>Spec \$</i>	<i>Tax \$</i>	<i>Total Fee \$</i>
65 Emergency Landfill	2	✓ 1.75	0	34.86	0.00	0.00	34.86
100 Processable	69	✓ 493.67	0	27,882.47	0.00	0.00	27,882.47
110 Processable Resid.	69	✓ 798.16	0	0.00	0.00	0.00	0.00
130 Processable-Tampa	94	✓ 1,584.48	0	79,905.34	0.00	0.00	79,905.34
200 Non-Processable	402	✓ 1,763.11	0	60,040.28	0.00	0.00	60,040.28
202 C&DD Pure	557	✓ 1,745.90	0	59,396.32	0.33	0.00	59,396.65
205 Asbestos	10	✓ 37.10	0	1,263.63	0.00	0.00	1,263.63
210 Non-Proc. Residential	418	✓ 2,047.37	0	0.00	0.00	0.00	0.00
213 C&DD Pure Residential	202	✓ 272.37	0	0.00	0.00	0.00	0.00
230 Non-Processable Tampa	99	✓ 1,353.10	0	40,363.02	0.00	0.00	40,363.02
235 Tampa Ash	369	✓ 8,421.55	0	251,214.80	0.00	0.00	251,214.80
310 Yard/Wood Wst. Resid	37	✓ 288.51	0	0.00	0.00	0.00	0.00
400 Tires	341	✓ 687.50	0	25,664.34	0.00	0.00	25,664.34
410 Tires - Residential	16	✓ 50.24	0	0.00	0.00	0.00	0.00
444 Shredded Tires	88	✓ 1,076.51	0	0.00	0.00	0.00	0.00
450 Unshredded Tires	2	✓ 10.28	0	0.00	0.00	0.00	0.00
500 FF Scale Weight	4	0.00	0	5.00	0.00	0.00	5.00
610 Proc. Transferred	1,094	✓ 18,019.75	0	0.00	0.00	0.00	0.00
625 RRF Ash @ Landfill	332	✓ 8,230.35	0	0.00	0.00	0.00	0.00
720 Metals Extraction	5	✓ 15.39	0	0.00	0.00	0.00	0.00
820 SWMD Non-Processable	3	✓ 0.75	0	0.00	0.00	0.00	0.00
900 Unable to Process	7	0.00	0	0.00	0.00	0.00	0.00
Grand Total	4,220	46,897.84	0	545,770.06	0.33	0.00	545,770.39
22							

Filter:txtFullFilter

For All Accounts For All WMID's For Facility: LF For All Directions

WM7 - Trans Summary ~ Material Summary

December, 10, 2004 10:34

Site: OF WMID: JP

Hillsborough County SWMD ~ OF - Administrative Office

Material Summary
For the Month of December 2004

Material Text	Count	Net Wt (tn)	CYd	Tip \$	Spec \$	Tax \$	Total Fee \$
100 Processable	83	✓ 534.79	0	30,204.90	0.00	0.00	30,204.90
110 Processable Resid.	65	✓ 789.94	0	0.00	0.00	0.00	0.00
130 Processable-Tampa	17	✓ 260.16	0	13,119.86	0.00	0.00	13,119.86
200 Non-Processable	381	✓ 795.53	0	27,062.41	0.00	0.00	27,062.41
202 C&DD Pure	480	✓ 1,336.30	0	45,514.35	0.00	0.00	45,514.35
205 Asbestos	5	✓ 28.97	0	986.71	0.00	0.00	986.71
210 Non-Proc. Residential	405	✓ 2,033.91	0	0.00	0.00	0.00	0.00
213 C&DD Pure Residential	197	✓ 275.60	0	0.00	0.00	0.00	0.00
230 Non-Processable Tampa	120	✓ 1,452.02	0	43,313.77	0.00	0.00	43,313.77
235 Tampa Ash	348	✓ 8,078.43	0	240,979.52	0.00	0.00	240,979.52
400 Tires	284	✓ 593.20	0	22,144.16	0.00	0.00	22,144.16
410 Tires - Residential	16	✓ 44.29	0	0.00	0.00	0.00	0.00
420 Tires - Municipal	1	✓ 1.59	0	59.35	0.00	0.00	59.35
444 Shredded Tires	84	✓ 1,283.21	0	0.00	0.00	0.00	0.00
500 FF Scale Weight	5	0.00	0	25.00	0.00	0.00	25.00
610 Proc. Transferred	1,281	✓ 20,654.68	0	0.00	0.00	0.00	0.00
625 RRF Ash @ Landfill	359	✓ 8,727.20	0	0.00	0.00	0.00	0.00
720 Metals Extraction	4	✓ 12.16	0	0.00	0.00	0.00	0.00
900 Unable to Process	4	✓ 0.00	0	0.00	0.00	0.00	0.00
Grand Total	4,139	✓ 46,901.98	0	423,410.03	0.00	0.00	423,410.03
19							

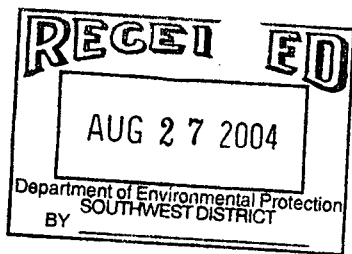
Filter:txtFullFilter

For All Accounts For All WMID's For Facility: LF For All Directions

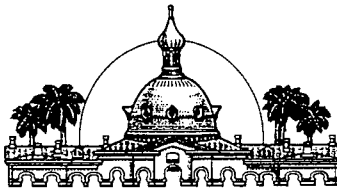
WM7 - Trans Summary ~ Material Summary

January, 10, 2005 2:03 PM

Site: OF WMID: JP



Hills SELF
ct op



Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

August 25, 2004

BOARD OF COUNTY COMMISSIONERS

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Wally Hill

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Manus J. O'Donnell

Hillsborough County Environmental Protection Commission
Air Section
1410 N 21st St
Tampa, FL 33605

Subject: Semi-Annual SOC - Southeast County Landfill
Title V Permit No. 0570854-002-AV

To Whom It May Concern:

The Hillsborough County Solid Waste Department (SWMD) is providing the attached semi-annual Statement of Compliance (SOC) for the Southeast County Landfill. The SOC pertains to the time period of January 1, 2004 through June 30, 2004.

As previously discussed with the Hillsborough County Environmental Protection Commission, submittal of the semi-annual SOC satisfies the Title V rule reporting requirement.

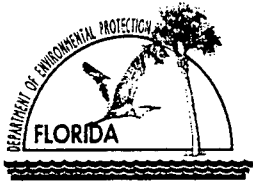
Should you have any questions or require additional information, please contact me at 276-2908.

Sincerely,

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachment

Cc: Matt Matthews, SWMD
Larry Ruiz, SWMD
Jerry Campbell, EPC
Paul Schipfer, EPC
Susan Pelz, FDEP
David Zell, FDEP



Department of Environmental Protection

Division of Air Resource Management

STATEMENT OF COMPLIANCE - TITLE V SOURCE

REASON FOR SUBMISSION (Check one to indicate why this statement of compliance is being submitted)

☒ Annual Requirement ☐ Transfer of Permit ☐ Permanent Facility Shutdown

REPORTING PERIOD*	REPORT DEADLINE**
January through June of 2004 (year)	September 1, 2004

*The statement of compliance must cover all conditions that were in effect during the indicated reporting period, including any conditions that were added, deleted, or changed through permit revision.

**See Rule 62-213.440(3)(a)2., F.A.C.

Facility Owner/Company Name: Hillsborough County Solid Waste Management Department

Site Name: Southeast County Landfill Facility ID No. 0570854 County: Hillsborough

COMPLIANCE STATEMENT (Check only one of the following three options)

- ☒ A. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, and there were no reportable incidents of deviations from applicable requirements associated with any malfunction or breakdown of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above.
- ☐ B. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part; however, there were one or more reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each incident of deviation, the following information is included:
1. Date of report previously submitted identifying the incident of deviation.
 2. Description of the incident.
- ☐ C. This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, EXCEPT those identified in the pages attached to this report and any reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each item of noncompliance, the following information is included:
1. Emissions unit identification number.
 2. Specific permit condition number (note whether the permit condition has been added, deleted, or changed during certification period).
 3. Description of the requirement of the permit condition.
 4. Basis for the determination of noncompliance (for monitored parameters, indicate whether monitoring was continuous, i.e., recorded at least every 15 minutes, or intermittent).
 5. Beginning and ending dates of periods of noncompliance.
 6. Identification of the probable cause of noncompliance and description of corrective action or preventative measures implemented.
 7. Dates of any reports previously submitted identifying this incident of noncompliance.

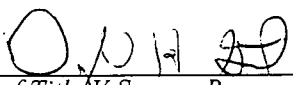
For each incident of deviation, as described in paragraph B. above, the following information is included:

1. Date of report previously submitted identifying the incident of deviation.
2. Description of the incident.

STATEMENT OF COMPLIANCE - TITLE V SOURCE

RESPONSIBLE OFFICIAL CERTIFICATION

I, the undersigned, am a responsible official (Title V air permit application or responsible official notification form on file with the Department) of the Title V source for which this document is being submitted. With respect to all matters other than Acid Rain program requirements, I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.


(Signature of Title V Source Responsible Official)

8/25/04
(Date)

Name: Daryl H. Smith Title: Director, Solid Waste Management Dept.

DESIGNATED REPRESENTATIVE CERTIFICATION (only applicable to Acid Rain source)

I, the undersigned, am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

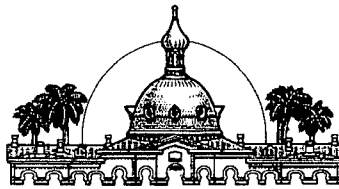
(Signature of Acid Rain Source Designated Representative)

(Date)

Name: _____ Title: _____

{Note: Attachments, if required, are created by a responsible official or designated representative, as appropriate, and should consist of the information specified and any supporting records. Additional information may also be attached by a responsible official or designated representative when elaboration is required for clarity. This report is to be submitted to both the compliance authority (DEP district or local air program) and the U.S. Environmental Protection Agency(EPA) (U.S. EPA Region 4, Air and EPCRA Enforcement Branch, 61 Forsyth Street, Atlanta GA 30303).}

Hills SELF
Op permit



Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

BOARD OF COUNTY COMMISSIONERS

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Assistant County Administrators
Bernardo Garcia
Carl S. Harness
Manus J. O'Donnell

August 6, 2004

Mr. Henry Freedenberg
Engineer III
Florida Department of Environmental Protection
Solid Waste Section
2600 Blair Stone Road, M. S. 4565
Tallahassee, FL 32399-2400



RE: Hillsborough County Southeast County Landfill – Waste Records

Dear Mr. Freedenberg:

In accordance with Permit No. 35435-006-SO, Specific Condition No. 11, the Hillsborough County Solid Waste Management Department (SWMD) is submitting the Waste Records for the Southeast County Landfill.

This report includes the quarter from April 2004 through June 2004, which is required to be submitted to the Florida Department of Environmental Protection (FDEP) by July 15, 2004. The SWMD apologizes for inadvertently missing the July deadline. Several personnel were out of the office during the July timeframe and the report did not get prepared. The SWMD will ensure that future reports are submitted in a timely manner.

Should you have any questions concerning the information provided, please contact me at the SWMD at 813-276-2908.

Sincerely,

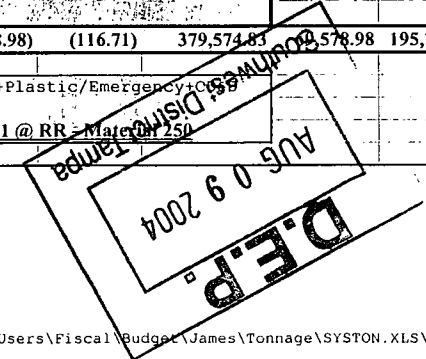
Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachments

xc: Larry Ruiz, SCS
Susan Pelz, DEP Tampa
Ron Cope, EPC

SOUTHEAST COUNTY LANDFILL TONNAGE RECEIVED and BURIED

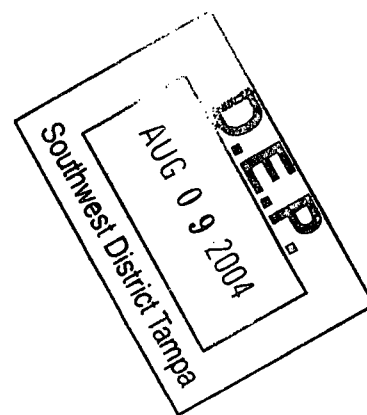
	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S
1	SOUTHEAST COUNTY LANDFILL																	
2	TONNAGE ANALYSIS by MATERIAL																	
3	TWO TWELVE MONTH PERIODS																	
	MONTH	Processable (1) 100,110, 310, 610, 810	Non- Processable (2) 200, 210, 230, 820	Non-Profit Recycl Residue 250	R.R. Ash 625	City of Tampa Ash 235	Asbestos 05, 215	C&DD 202, 213, 230	LTP - Filter Cake 850	Tires 400, 410, 420	TOTAL TONNAGE RECEIVED	Shredded/ Unshredded Tires	Less Tires	Less Tonnage Out	TOTAL TONNAGE BURIED	Existing Landfill Sections 1-6	New Landfill Sections 7	TOTAL TONNAGE BURIED
4	June'02	14,391.61	4,330.43		7,088.59	7,661.08	0.00	822.26		641.53	34,935.50	596.84	(641.53)	(6.28)	34,884.53			
5	July'02	15,354.38	4,063.26		8,031.40	7,901.06	0.00	869.60		579.89	36,799.59	603.82	(579.89)	(11.29)	36,812.23			0.00
6	August'02	17,309.28	3,933.09		7,350.29	7,947.25	2.31	1,172.52		622.91	38,337.65	369.06	(622.91)	(10.79)	38,073.01			0.00
7	September'02	20,242.48	4,084.60		5,464.59	7,436.25	0.00	687.27		510.29	38,425.48	7.17	(510.29)	(12.79)	37,909.57			0.00
8	October'02	15,497.15	4,235.47		8,577.47	7,135.66	0.00	1,035.50		711.95	37,193.20	167.00	(711.95)	(8.07)	36,640.18			0.00
9	November'02	15,242.46	3,506.06		7,671.51	7,307.89	8.52	1,050.65		557.76	35,344.85	855.07	(557.76)	(11.99)	35,630.17			0.00
10	December'02	15,872.96	3,924.89		8,505.81	7,933.41	11.91	933.57		453.11	37,635.66	892.34	(453.11)	(11.19)	38,063.70			0.00
11	January'03	21,811.55	4,942.45		8,426.84	8,254.07	6.22	934.20		553.61	44,928.94	807.75	(553.61)	(7.93)	45,175.15			0.00
12	February'03	18,931.41	4,173.85		6,188.14	7,295.65	4.02	960.37		534.41	38,087.85	523.97	(534.41)	(36.62)	38,040.79			0.00
13	March'03	25,567.20	6,333.76		5,278.82	7,909.53	4.41	887.39		593.36	46,574.47	384.13	(593.36)	(31.37)	46,333.87			0.00
14	April'03	20,103.51	7,621.74		7,738.07	7,892.58	3.46	848.58		568.29	44,776.23	828.22	(568.29)	(13.14)	45,023.02			0.00
15	May'03	17,560.79	5,290.86		8,014.53	7,381.50	3.08	786.18		595.03	39,631.97	363.92	(595.03)	(19.23)	39,381.63			0.00
16	June'02	17,024.35	5,064.40		7,147.74	8,833.16	8.68	687.57		593.58	39,359.48	716.92	(593.58)	(27.25)	39,455.57			0.00
17	Total 12 Month	220,517.52	57,174.43	0.00	88,395.21	93,228.01	52.61	10,853.40	0.00	6,874.19	477,095.37	6,519.37	(6,874.19)	(201.66)	476,538.89	0.00	0.00	0.00
18	July'03	20,489.85	4,485.28		8,247.10	8,061.88	0.00	982.40	13.14	673.79	42,953.44	226.40	(673.79)	(6.31)	42,499.74			0.00
19	August'03	20,838.08	4,555.47		6,896.40	7,579.10	8.08	934.56	0.00	616.32	41,428.01	16.11	(616.32)	(19.11)	40,808.69			0.00
20	September'03	19,973.12	4,456.94		5,976.39	8,056.21	5.71	993.65	0.00	685.22	40,147.24	9.09	(685.22)	(9.35)	39,461.76			0.00
21	October'03	20,262.56	3,920.08		7,350.84	8,504.81	6.03	1,009.08	11.63	643.74	41,708.77	32.95	(643.74)	(17.08)	41,080.90			0.00
22	November'03	15,108.46	3,436.77		7,500.52	7,035.57	0.00	705.11	4.93	538.18	34,329.54	16.37	(538.18)	(7.68)	33,800.05			0.00
23	December'03	18,944.72	3,379.07	0.71	8,201.38	8,865.81	24.67	479.80	7.81	593.38	40,497.35	17.89	(593.38)	(16.99)	39,904.87			0.00
24	January'04	22,975.93	3,446.29	0.00	7,079.49	7,592.45	12.51	864.16	0.00	624.78	42,595.61	12.25	(624.78)	(12.73)	41,970.35	20,137.53	21,832.82	41,970.35
25	February'04	29,326.51	3,047.90	0.00	4,460.73	7,179.49	11.04	909.62	0.00	565.17	45,500.46	24.37	(565.17)	(9.27)	44,950.39	0.00	44,950.39	44,950.39
26	March'04	26,912.26	4,124.15	0.00	7,970.27	8,895.67	0.47	1,227.26	0.00	661.98	49,792.06	319.82	(661.98)	(8.45)	49,441.45	49,441.45	0.00	49,441.45
27	April'04	20,879.94	4,157.90	0.00	8,075.29	7,433.60	9.68	1,281.85	0.00	773.26	42,611.52	984.54	(773.26)	(16.07)	42,806.73		42,806.73	42,806.73
28	May'04	21,193.08	3,807.59	0.00	7,523.04	7,110.65	8.08	1,240.90	0.00	574.11	41,457.45	432.05	(574.11)	(15.34)	41,300.05		41,300.05	41,300.05
29	June'04	21,307.06	4,172.73	0.00	8,024.77	8,685.50	8.98	1,461.91	0.00	714.38	44,375.33	672.19	(714.38)	(13.10)	44,320.04		44,320.04	44,320.04
30	Total 12 Month	258,211.57	46,990.17	0.71	87,306.22	95,000.74	95.25	12,090.30	37.51	7,664.31	507,396.78	2,764.03	(7,664.31)	(151.48)	502,345.02	69,578.98	195,210.03	264,789.01
31											507,396.78				502,345.02			
32											0.00				0.00			
33											0.00				0.00			
34																		
35																		
36																		
37																		
38	Fiscal Yr. Totals	196,910.52	33,492.48	0.71	66,186.33	71,303.55	81.46	9,179.69	24.37	5,688.98	382,868.09	2,512.43	(5,688.98)	(116.71)	379,574.83	69,578.98	195,210.03	264,789.01
39	NOTE's:	1. Processable includes Mixed Processable																
40		2. Non-Processable includes Mixed Non-Processable																
41		3. For Fiscal Year End unhide rows 39 thru 43.																
42		4. Column 'G' Plastic/Emergency Rate is hidden.																
43								180,268.59										
44								180,275.58										
45								(6.99)										
46																		
47																		
48																		



Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 06/01/2004 thru 06/30/2004



Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	10	150.34	\$7,581.64
230	Non-Processable - Tampa	79	1,283.06	\$38,273.67
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	90	1,433.40	\$45,855.31
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	357	8,685.50	\$259,088.54
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	359	8,685.50	\$259,088.54
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	3	9.68	\$288.76
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	4	9.68	\$288.76
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	12	0.49	\$35.76
	Totals for Customer:	12	0.49	\$35.76
303	HC ANIMAL CONTROL			
200	Non-Processable	6	3.60	\$122.61
	Totals for Customer:	6	3.60	\$122.61
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	2	2.54	\$86.51
202	C&DD Pure	6	9.62	\$327.66
	Totals for Customer:	8	12.16	\$414.17
313	HC ROAD DEPT			
200	Non-Processable	4	0.56	\$25.90
	Totals for Customer:	4	0.56	\$25.90
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	3	4.67	\$159.07
202	C&DD Pure	2	1.73	\$58.92
	Totals for Customer:	5	6.40	\$217.99
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	21	217.76	\$0.00
	Totals for Customer:	21	217.76	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	3	27.03	\$1,526.66
	Totals for Customer:	3	27.03	\$1,526.66
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	2	8.91	\$503.24
200	Non-Processable	15	60.80	\$2,070.86
202	C&DD Pure	29	111.12	\$3,784.76
400	Tires	11	29.02	\$1,083.32
	Totals for Customer:	57	209.85	\$7,442.18
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	11	128.26	\$0.00
	Totals for Customer:	11	128.26	\$0.00
414	LIBERTY WASTE & RECYCLING (C)			
100	Processable	1	11.11	\$627.49
	Totals for Customer:	1	11.11	\$627.49
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	17	107.16	\$3,649.87
202	C&DD Pure	52	265.52	\$9,043.64

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 06/01/2004 thru 06/30/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
205	Asbestos	2	8.32	\$283.38
400	Tires	6	17.08	\$637.60
	Totals for Customer:	77	398.08	\$13,614.49
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	7	71.70	\$4,049.63
	Totals for Customer:	7	71.70	\$4,049.63
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	33	149.28	\$8,431.34
200	Non-Processable	58	225.03	\$7,664.53
202	C&DD Pure	178	764.28	\$26,031.37
400	Tires	6	16.32	\$609.22
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	276	1,154.91	\$42,736.46
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	355	600.46	\$20,456.27
202	C&DD Pure	104	146.66	\$4,996.28
400	Tires	295	542.45	\$20,249.67
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	756	1,289.57	\$45,702.22
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	315	5,540.75	\$0.00
	Totals for Customer:	315	5,540.75	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	809	15,001.92	\$0.00
	Totals for Customer:	809	15,001.92	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	168	93.57	\$0.00
213	C&DD Pure Residential	105	114.20	\$0.00
215	Asbestos - Residential	1	0.66	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	275	208.43	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	10	116.86	\$0.00
410	Tires - Residential	2	13.05	\$0.00
	Totals for Customer:	12	129.91	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	77	268.22	\$0.00
410	Tires - Residential	2	9.28	\$0.00
	Totals for Customer:	79	277.50	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	42	420.34	\$0.00
410	Tires - Residential	1	2.44	\$0.00
	Totals for Customer:	43	422.78	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	60	774.74	\$0.00
410	Tires - Residential	2	9.79	\$0.00
	Totals for Customer:	62	784.53	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	23	83.40	\$0.00
	Totals for Customer:	23	83.40	\$0.00
629	SWMD / YARDWASTE REJECT			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 06/01/2004 thru 06/30/2004

Customer Id	Company Name	Count	Net Weight	Total
629	SWMD / YARDWASTE REJECT			
820	SWMD - Non-Processable	1	3.76	\$0.00
	Totals for Customer:	1	3.76	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	5	2.26	\$0.00
	Totals for Customer:	5	2.26	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	327	8,024.77	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	328	8,024.77	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	71	658.83	\$0.00
450	Unshredable Tires	2	13.36	\$0.00
	Totals for Customer:	73	672.19	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	3	13.10	\$0.00
	Totals for Customer:	3	13.10	\$0.00
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	4	5.91	\$201.30
202	C&DD Pure	3	3.71	\$126.36
	Totals for Customer:	7	9.62	\$327.66
813	BULLFROG CREEK MOBILE HOME PARK			
200	Non-Processable	1	0.36	\$12.26
400	Tires	1	0.25	\$9.33
	Totals for Customer:	2	0.61	\$21.59
816	NATIONAL GYPSUM CO			
200	Non-Processable	1	20.37	\$693.80
	Totals for Customer:	1	20.37	\$693.80
820	OLIN MOTT TIRE COMPANY			
400	Tires	6	28.27	\$1,055.31
	Totals for Customer:	6	28.27	\$1,055.31
859	COMPLETE LANDCARE INC.			
202	C&DD Pure	2	3.98	\$135.56
	Totals for Customer:	2	3.98	\$135.56
861	COAST HUBCAPS&WHLs/KEYSTONE			
200	Non-Processable	1	1.39	\$47.34
	Totals for Customer:	1	1.39	\$47.34
871	COPHER U PULL IT INC.			
400	Tires	2	7.59	\$283.33
	Totals for Customer:	2	7.59	\$283.33
885	CRESCENT LAKE CORP.			
200	Non-Processable	1	0.51	\$17.37
	Totals for Customer:	1	0.51	\$17.37
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
202	C&DD Pure	2	12.95	\$441.08
	Totals for Customer:	2	12.95	\$441.08
906	COVANTA TAMPA BAY			
200	Non-Processable	2	17.86	\$608.32
	Totals for Customer:	2	17.86	\$608.32
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	1	3.62	\$123.30
400	Tires	5	22.19	\$828.35
	Totals for Customer:	6	25.81	\$951.65
908	BEASLEY & SONS INC			
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	1	0.00	\$0.00
937	WINGFOOT COMMERCIAL TIRE			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 06/01/2004 thru 06/30/2004

Customer Id	Company Name	Count	Net Weight	Total
937	WINGFOOT COMMERCIAL TIRE			
400	Tires	1	2.73	\$101.91
	Totals for Customer:	1	2.73	\$101.91
938	HURLEY TAILWATER			
202	C&DD Pure	2	11.72	\$399.18
	Totals for Customer:	2	11.72	\$399.18
948	VIGO IMPORTING COMPANY			
200	Non-Processable	2	7.52	\$256.13
	Totals for Customer:	2	7.52	\$256.13
950	MM&A CONSTRUCTION			
202	C&DD Pure	3	16.42	\$559.27
400	Tires	1	0.35	\$13.07
	Totals for Customer:	4	16.77	\$572.34
956	KIMMINS CORPORATION			
200	Non-Processable	4	25.05	\$853.20
400	Tires	1	3.97	\$148.20
	Totals for Customer:	5	29.02	\$1,001.40
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	2	27.37	\$932.22
	Totals for Customer:	2	27.37	\$932.22
979	KEARNEY DEVELOPMENT/FLORIDA TRUCK CO			
200	Non-Processable	1	1.57	\$53.47
400	Tires	4	8.73	\$325.89
	Totals for Customer:	5	10.30	\$379.36
986	BOYD'S AUTO CENTER			
400	Tires	1	0.87	\$32.48
	Totals for Customer:	1	0.87	\$32.48
	Grand Totals:	3780	45,060.62	\$430,006.20

07/01/2004

Hillsborough County Waste Management Department

Page

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 06/01/2004 thru 06/30/2004

Site Summary by Material

Material		Tons
100	Processable	268.03
110	Processable Residential	346.02
130	Processable - Tampa	150.34
200	Non-Processable	1,116.35
202	C&DD Pure	1,347.71
205	Asbestos	8.32
210	Non-Proc. - Residential	1,757.13
213	C&DD Pure Residential	114.20
215	Asbestos - Residential	0.66
230	Non-Processable - Tampa	1,293.23
235	Tampa Ash	8,685.50
400	Tires	679.82
410	Tires - Residential	34.56
444	Shredded Tires	658.83
450	Unshredable Tires	13.36
610	Processable - Transferred	20,542.67
625	RRF Ash @ Landfill	8,024.77
820	SWMD - Non-Processable	6.02
900	Unable To Process	0.00
Total Tons Weighed		45,047.52

Adjustments

Material		Tons
400	Tires	679.82
410	Tires - Residential	34.56
720	Metals Extraction	13.10
Total Adjustments		727.48
Total Net Tons		44,320.04

less 1020

$$44,320.04 \times 11.97 = 530,510.88$$

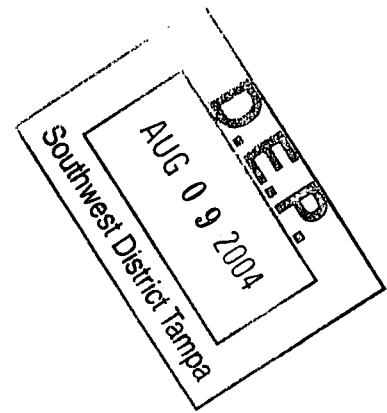
(5,305.4)

$$525,205.77$$

blue wheel
7/2/04

LR

PVB



Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 05/01/2004 thru 05/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	110	2,019.83	\$101,860.03
230	Non-Processable - Tampa	79	1,294.40	\$38,612.01
	Totals for Customer:	189	3,314.23	\$140,472.04
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	285	7,110.65	\$212,110.56
	Totals for Customer:	285	7,110.65	\$212,110.56
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	6	0.75	\$24.75
	Totals for Customer:	6	0.75	\$24.75
303	HC ANIMAL CONTROL			
200	Non-Processable	5	3.51	\$119.54
	Totals for Customer:	5	3.51	\$119.54
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	8	2.48	\$84.48
202	C&DD Pure	3	2.74	\$93.33
	Totals for Customer:	11	5.22	\$177.81
313	HC ROAD DEPT			
200	Non-Processable	3	0.22	\$10.91
	Totals for Customer:	3	0.22	\$10.91
314	HC SHERIFFS DEPT			
200	Non-Processable	3	3.17	\$107.97
	Totals for Customer:	3	3.17	\$107.97
332	FEDERAL BUREAU OF INVESTIGATION			
200	Non-Processable	1	1.59	\$54.16
	Totals for Customer:	1	1.59	\$54.16
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	3	3.76	\$128.07
202	C&DD Pure	3	3.50	\$119.21
	Totals for Customer:	6	7.26	\$247.28
353	ST OF FL DIVISION OF FORESTRY			
202	C&DD Pure	1	0.20	\$6.81
	Totals for Customer:	1	0.20	\$6.81
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	16	164.77	\$0.00
	Totals for Customer:	16	164.77	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	7	50.12	\$2,830.78
	Totals for Customer:	7	50.12	\$2,830.78
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	10	33.83	\$1,910.71
200	Non-Processable	14	104.57	\$3,561.65
202	C&DD Pure	14	97.05	\$3,305.52
205	Asbestos	1	5.91	\$201.29
400	Tires	4	9.35	\$349.04
	Totals for Customer:	43	250.71	\$9,328.21
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	8	98.93	\$0.00
	Totals for Customer:	8	98.93	\$0.00
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	9	58.28	\$1,985.01
202	C&DD Pure	32	145.12	\$4,942.80

OK
 P. 0-2-04

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 05/01/2004 thru 05/31/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
400	Tires	2	6.79	\$253.47
	Totals for Customer:	43	210.19	\$7,181.28
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	4	47.43	\$2,678.85
	Totals for Customer:	4	47.43	\$2,678.85
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	36	140.21	\$7,919.09
200	Non-Processable	56	213.02	\$7,255.48
202	C&DD Pure	138	646.60	\$22,023.17
400	Tires	5	15.53	\$579.74
	Totals for Customer:	235	1,015.36	\$37,777.48
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	266	318.15	\$10,844.16
202	C&DD Pure	122	229.25	\$7,808.60
400	Tires	212	427.69	\$15,967.16
500	VEHICLE SCALE WEIGHT	3	0.00	\$15.00
900	Unable To Process	4	0.00	\$0.00
	Totals for Customer:	607	975.09	\$34,634.92
606	OVERLAND SERVICES INC.			
610	Processable - Transferred	1	23.39	\$0.00
	Totals for Customer:	1	23.39	\$0.00
610	HC RESOURCE RECOVERY			
820	SWMD - Non-Processable	1	5.72	\$0.00
	Totals for Customer:	1	5.72	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	306	5,330.88	\$0.00
	Totals for Customer:	306	5,330.88	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	784	13,283.69	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	786	13,283.69	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	119	65.65	\$0.00
213	C&DD Pure Residential	84	107.96	\$0.00
215	Asbestos - Residential	1	2.17	\$0.00
310	Yard/Wood Wst Residential	1	2.84	\$0.00
410	Tires - Residential	4	1.25	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	211	179.87	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	1	0.54	\$0.00
	Totals for Customer:	1	0.54	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	10	114.93	\$0.00
410	Tires - Residential	1	8.75	\$0.00
	Totals for Customer:	11	123.68	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	78	279.16	\$0.00
410	Tires - Residential	1	5.31	\$0.00

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 05/01/2004 thru 05/31/2004

Customer Id	Company Name	Count	Net Weight	Total
622	ALDERMAN FORD CCC			
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	80	284.47	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	37	389.21	\$0.00
410	Tires - Residential	2	7.10	\$0.00
	Totals for Customer:	39	396.31	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	60	807.26	\$0.00
410	Tires - Residential	4	18.36	\$0.00
	Totals for Customer:	64	825.62	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	19	70.90	\$0.00
410	Tires - Residential	1	4.90	\$0.00
	Totals for Customer:	20	75.80	\$0.00
629	SWMD / YARDWASTE REJECT			
820	SWMD - Non-Processable	1	4.44	\$0.00
	Totals for Customer:	1	4.44	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	6	0.49	\$0.00
	Totals for Customer:	6	0.49	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	299	7,523.04	\$0.00
	Totals for Customer:	299	7,523.04	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	40	413.41	\$0.00
450	Unshredable Tires	2	18.64	\$0.00
	Totals for Customer:	42	432.05	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	3	13.20	\$0.00
750	Prohibited Processable	1	2.14	\$0.00
	Totals for Customer:	4	15.34	\$0.00
801	GCR TIRE CENTERS			
200	Non-Processable	1	2.44	\$83.11
400	Tires	1	3.32	\$123.94
	Totals for Customer:	2	5.76	\$207.05
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	2	2.80	\$95.37
400	Tires	1	0.32	\$11.95
	Totals for Customer:	3	3.12	\$107.32
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	2	1.73	\$58.92
400	Tires	5	23.93	\$893.31
	Totals for Customer:	7	25.66	\$952.23
847	EKKWILL TROPICAL FISH FARM			
200	Non-Processable	1	0.78	\$26.57
	Totals for Customer:	1	0.78	\$26.57
871	COPHER U PULL IT INC.			
200	Non-Processable	2	8.07	\$274.87
400	Tires	1	3.27	\$122.07
	Totals for Customer:	3	11.34	\$396.94
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
202	C&DD Pure	2	8.48	\$288.83
	Totals for Customer:	2	8.48	\$288.83
906	COVANTA TAMPA BAY			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 05/01/2004 thru 05/31/2004

Customer Id	Company Name	Count	Net Weight	Total
906	COVANTA TAMPA BAY			
200	Non-Processable	1	2.66	\$90.60
	Totals for Customer:	1	2.66	\$90.60
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	4	11.45	\$390.00
400	Tires	7	32.30	\$1,205.76
	Totals for Customer:	11	43.75	\$1,595.76
908	BEASLEY & SONS INC			
200	Non-Processable	1	5.86	\$199.59
	Totals for Customer:	1	5.86	\$199.59
936	CARROLL TIRE COMPANY			
400	Tires	1	4.62	\$172.46
	Totals for Customer:	1	4.62	\$172.46
948	VIGO IMPORTING COMPANY			
200	Non-Processable	5	12.00	\$408.72
	Totals for Customer:	5	12.00	\$408.72
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	14.76	\$502.73
	Totals for Customer:	1	14.76	\$502.73
979	KEARNEY DEVELOPMENT/FLORIDA TRUCK CO			
500	VEHICLE SCALE WEIGHT	3	0.00	\$15.00
	Totals for Customer:	3	0.00	\$15.00
986	BOYD'S AUTO CENTER			
400	Tires	2	1.32	\$49.28
	Totals for Customer:	2	1.32	\$49.28
	Grand Totals:	3388	41,904.84	\$452,776.43

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 05/01/2004 thru 05/31/2004

Site Summary by Material

<u>Material</u>	<u>Tons</u>
100 Processable	271.59
110 Processable Residential	263.70
130 Processable - Tampa	2,019.83
200 Non-Processable	771.30
202 C&DD Pure	1,132.94
205 Asbestos	5.91
210 Non-Proc. - Residential	1,727.65
213 C&DD Pure Residential	107.96
215 Asbestos - Residential	2.17
230 Non-Processable - Tampa	1,295.15
235 Tampa Ash	7,110.65
310 Yard/Wood Wst Residential	2.84
400 Tires	528.44
410 Tires - Residential	45.67
444 Shredded Tires	413.41
450 Unshredable Tires	18.64
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	18,637.96
625 RRF Ash @ Landfill	7,523.04
820 SWMD - Non-Processable	10.65
900 Unable To Process	0.00
Total Tons Weighed	41,889.50

Adjustments

<u>Material</u>	<u>Tons</u>
400 Tires	528.44
410 Tires - Residential	45.67
720 Metals Extraction	13.20
750 Prohibited Processable	2.14
Total Adjustments	589.45
Total Net Tons	41,300.05

less 100

X 11.97 =

494,361.60

(4,943.62) - RCUW040293

489,417.98

SJR
6/3/04

PVB

RCUW04029329

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 04/01/2004 thru 04/30/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	153	2,616.64	\$131,957.16
230	Non-Processable - Tampa	89	1,353.21	\$40,366.24
	Totals for Customer:	242	3,969.85	\$172,323.40
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	307	7,433.60	\$221,744.23
	Totals for Customer:	307	7,433.60	\$221,744.23
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	1	2.47	\$73.68
233	C&DD Pure - Tampa	1	5.27	\$157.20
	Totals for Customer:	2	7.74	\$230.88
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	5	0.59	\$19.39
	Totals for Customer:	5	0.59	\$19.39
075	CITY OF TEMPLE TERRACE			
420	Tires - Municipal	1	1.71	\$63.83
	Totals for Customer:	1	1.71	\$63.83
303	HC ANIMAL CONTROL			
200	Non-Processable	1	0.56	\$19.07
	Totals for Customer:	1	0.56	\$19.07
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	8	6.05	\$207.44
202	C&DD Pure	6	11.25	\$383.17
400	Tires	2	0.85	\$31.73
	Totals for Customer:	16	18.15	\$622.34
313	HC ROAD DEPT			
200	Non-Processable	1	0.13	\$4.43
	Totals for Customer:	1	0.13	\$4.43
315	WATER DEPARTMENT			
200	Non-Processable	1	0.23	\$7.83
	Totals for Customer:	1	0.23	\$7.83
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	5	4.96	\$168.94
202	C&DD Pure	4	3.12	\$106.26
400	Tires	1	0.93	\$34.72
	Totals for Customer:	10	9.01	\$309.92
353	ST OF FL DIVISION OF FORESTRY			
200	Non-Processable	1	0.36	\$12.26
	Totals for Customer:	1	0.36	\$12.26
361	SW FLORIDA WATER MANAGEMENT			
400	Tires	1	1.78	\$66.45
	Totals for Customer:	1	1.78	\$66.45
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	20	203.30	\$0.00
	Totals for Customer:	20	203.30	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	8	63.60	\$3,592.14
	Totals for Customer:	8	63.60	\$3,592.14
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	10	31.86	\$1,799.44
200	Non-Processable	18	126.28	\$4,301.10
202	C&DD Pure	19	80.40	\$2,738.41

OK
G. Palmer
5-3-04

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 04/01/2004 thru 04/30/2004

Customer Id	Company Name	Count	Net Weight	Total
412	EAST BAY SANITATION SERVICE INC (R/O)			
205	Asbestos	1	9.68	\$329.70
400	Tires	14	59.42	\$2,218.16
	Totals for Customer:	62	307.64	\$11,386.81
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	10	118.71	\$0.00
	Totals for Customer:	10	118.71	\$0.00
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	6	66.81	\$2,275.55
202	C&DD Pure	38	174.69	\$5,949.96
400	Tires	1	2.53	\$94.44
	Totals for Customer:	45	244.03	\$8,319.95
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	8	85.98	\$4,856.14
	Totals for Customer:	8	85.98	\$4,856.14
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	16	64.41	\$3,637.86
200	Non-Processable	76	270.25	\$9,204.67
202	C&DD Pure	109	590.40	\$20,109.06
400	Tires	12	43.04	\$1,606.68
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	214	968.10	\$34,558.27
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	240	332.51	\$11,328.65
202	C&DD Pure	150	308.80	\$10,520.16
400	Tires	246	496.55	\$18,536.17
500	VEHICLE SCALE WEIGHT	4	0.00	\$20.00
900	Unable To Process	5	0.00	\$0.00
	Totals for Customer:	645	1,137.86	\$40,404.98
605	THE PROS INVESTMENT CORPORATION. KTK IND			
810	SWMD - Processable	1	0.32	\$0.00
	Totals for Customer:	1	0.32	\$0.00
606	OVERLAND SERVICES INC.			
610	Processable - Transferred	1	18.27	\$0.00
	Totals for Customer:	1	18.27	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	289	5,036.52	\$0.00
	Totals for Customer:	289	5,036.52	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	716	12,639.45	\$0.00
900	Unable To Process	3	0.00	\$0.00
	Totals for Customer:	719	12,639.45	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	123	66.60	\$0.00
213	C&DD Pure Residential	73	92.62	\$0.00
410	Tires - Residential	2	0.27	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	200	159.49	\$0.00
617	COMMUNITY CLEAN-UPS			
210	Non-Proc. - Residential	13	29.82	\$0.00

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 04/01/2004 thru 04/30/2004

Customer Id	Company Name	Count	Net Weight	Total
617	COMMUNITY CLEAN-UPS			
410	Tires - Residential	3	13.68	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	17	43.50	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	13	179.09	\$0.00
410	Tires - Residential	3	19.79	\$0.00
	Totals for Customer:	16	198.88	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	78	279.15	\$0.00
410	Tires - Residential	1	5.17	\$0.00
	Totals for Customer:	79	284.32	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	41	438.71	\$0.00
410	Tires - Residential	2	8.53	\$0.00
	Totals for Customer:	43	447.24	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	59	790.10	\$0.00
410	Tires - Residential	2	11.42	\$0.00
	Totals for Customer:	61	801.52	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	20	69.45	\$0.00
410	Tires - Residential	1	5.51	\$0.00
	Totals for Customer:	21	74.96	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
810	SWMD - Processable	1	0.88	\$0.00
820	SWMD - Non-Processable	6	0.91	\$0.00
	Totals for Customer:	7	1.79	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	319	8,075.29	\$0.00
900	Unable To Process	3	0.00	\$0.00
	Totals for Customer:	322	8,075.29	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	62	970.14	\$0.00
450	Unshredable Tires	3	14.40	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	66	984.54	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	4	16.07	\$0.00
	Totals for Customer:	4	16.07	\$0.00
812	COUNTY FIRE EQUIPMENT CO			
200	Non-Processable	1	1.92	\$65.40
	Totals for Customer:	1	1.92	\$65.40
816	NATIONAL GYPSUM CO			
200	Non-Processable	1	21.95	\$747.62
	Totals for Customer:	1	21.95	\$747.62
817	GULF COAST RECYCLING INC			
200	Non-Processable	1	3.58	\$121.93
	Totals for Customer:	1	3.58	\$121.93
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	2	1.32	\$44.96
400	Tires	5	22.57	\$842.53
	Totals for Customer:	7	23.89	\$887.49
822	CROSS ENVIRONMENTAL SERVICES INC			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 04/01/2004 thru 04/30/2004

Customer Id	Company Name	Count	Net Weight	Total
822	CROSS ENVIRONMENTAL SERVICES INC			
400	Tires	6	32.74	\$1,222.19
	Totals for Customer:	6	32.74	\$1,222.19
847	EKKWILL TROPICAL FISH FARM			
200	Non-Processable	8	5.37	\$182.90
	Totals for Customer:	8	5.37	\$182.90
871	COPHER U PULL IT INC.			
400	Tires	1	4.32	\$161.27
	Totals for Customer:	1	4.32	\$161.27
885	CRESCENT LAKE CORP.			
200	Non-Processable	2	1.21	\$41.21
	Totals for Customer:	2	1.21	\$41.21
890	BERNIER ENTERPRISES DBA ALAFIA RIVER RES			
200	Non-Processable	4	4.91	\$167.23
	Totals for Customer:	4	4.91	\$167.23
906	COVANTA TAMPA BAY			
200	Non-Processable	4	65.61	\$2,234.67
	Totals for Customer:	4	65.61	\$2,234.67
907	JOHNSON'S EXCAVATION & SERVICES			
400	Tires	7	30.39	\$1,134.45
	Totals for Customer:	7	30.39	\$1,134.45
914	RIVERWALK VILLAGE			
202	C&DD Pure	1	1.90	\$64.71
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	2	1.90	\$64.71
926	P.R. STEELE COAT, INC.			
200	Non-Processable	1	3.06	\$104.22
	Totals for Customer:	1	3.06	\$104.22
936	CARROLL TIRE COMPANY			
400	Tires	1	5.10	\$190.38
	Totals for Customer:	1	5.10	\$190.38
948	VIGO IMPORTING COMPANY			
200	Non-Processable	1	3.49	\$118.87
	Totals for Customer:	1	3.49	\$118.87
950	MM&A CONSTRUCTION			
200	Non-Processable	1	1.66	\$56.54
202	C&DD Pure	5	13.40	\$456.41
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	7	15.06	\$512.95
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	2	25.58	\$871.26
	Totals for Customer:	2	25.58	\$871.26
979	KEARNEY DEVELOPMENT/FLORIDA TRUCK CO			
400	Tires	2	6.18	\$230.69
500	VEHICLE SCALE WEIGHT	4	0.00	\$20.00
	Totals for Customer:	6	6.18	\$250.69
986	BOYD'S AUTO CENTER			
400	Tires	1	0.78	\$29.12
	Totals for Customer:	1	0.78	\$29.12
	Grand Totals:	3509	43,612.13	\$507,650.88

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 04/01/2004 thru 04/30/2004

Site Summary by Material

Material	Tons
100 Processable	245.85
110 Processable Residential	322.01
130 Processable - Tampa	2,616.64
200 Non-Processable	947.80
202 C&DO Pure	1,183.96
205 Asbestos	9.68
210 Non-Proc. - Residential	1,852.92
213 C&DO Pure Residential	92.62
230 Non-Processable - Tampa	1,356.27
233 C&DO Pure - Tampa	5.27
235 Tampa Ash	7,433.60
400 Tires	707.18
410 Tires - Residential	64.37
420 Tires - Municipal	1.71
444 Shredded Tires	970.14
450 Unshredable Tires	14.40
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	17,694.24
625 RRF Ash @ Landfill	8,075.29
810 SWMD - Processable	1.20
820 SWMD - Non-Processable	0.91
900 Unable To Process	0.00
Total Tons Weighed	43,596.06

Adjustments

Material	Tons
400 Tires	707.18
410 Tires - Residential	64.37
420 Tires - Municipal	1.71
720 Metals Extraction	16.07
Total Adjustments	789.33
Total Net Tons	42,806.73

$42,806.73 \times 11.97 = 512,396.56$
 $(5,123.97) \text{ Rec'd } 4/24$
 $507,272.59$
 due when
 5/6/04
 LK
 PMS

COMMISSION
Kathy Castor
Pat Frank
Ken Hagan
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms



Executive Director
Richard D. Garrity, Ph.D.

Administrative Offices,
Legal & Water Management Division
The Roger P. Stewart Environmental Center
1900 - 9th Ave. • Tampa, FL 33605
Ph. (813) 272-5960 • Fax (813) 272-5157

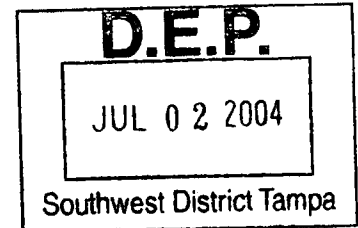
Air Management Fax 272-5605
Waste Management Fax 276-2256
Wetlands Management Fax 272-7144
1410 N. 21st Street • Tampa, FL 33605

TO: John Morris, PG, DEP

FROM: Mary Yeargan, PG *mary 6/30/04*

DATE: June 30, 2004

SUBJECT: Semi-Annual Analytical Data Report, February 2004 (dated 4/8/04)
Southeast County Landfill, Hillsborough County
Permit No. 35435-006-SO



I have reviewed the subject Semi-Annual Analytical Data Report prepared by the Hillsborough County Solid Waste Management Department. The data appear to reflect the same trends as previous monitoring events. However, the dissolved oxygen concentration for groundwater from surficial aquifer monitor well TH-67 had a reported concentration of 24.90. This should be evaluated by the permittee.

If you have any questions or wish to discuss this site, I can be reached at 272-5960, extension 1303.

www.epchc.org

E-Mail: epcinfo@epchc.org

AN AFFIRMATIVE ACTION - EQUAL OPPORTUNITY EMPLOYER

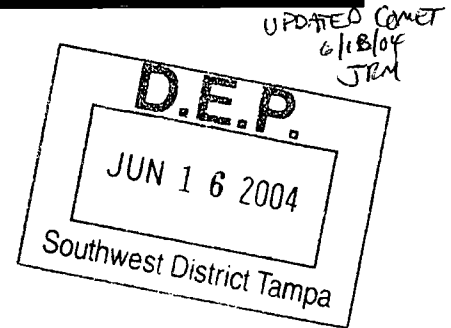


Printed on recycled paper

SCS ENGINEERS

June 16, 2004
File No. 09200020.14

John R. Morris, P.G.
Solid Waste Section
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

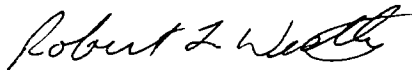


SUBJECT: Southeast Hillsborough County Landfill Biennial Report
Operation Permit No. 35435-006-SO, Condition No. 42.b.

Dear Mr. Morris:

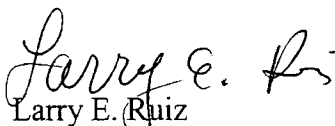
The subject condition of the Southeast County Landfill permit requires submittal of an evaluation of water quality monitoring data on June 1, 2004. SCS Engineers is initiating preparation of an evaluation report on behalf of Hillsborough County and we anticipate completing the report on or about July 19, 2004. This letter requests a 50-day extension to submit this report to the Florida Department of Environmental Protection.

Sincerely,



A handwritten signature in cursive script, appearing to read "Robert L. Westly".

Robert L. Westly, P.G.
Senior Hydrogeologist

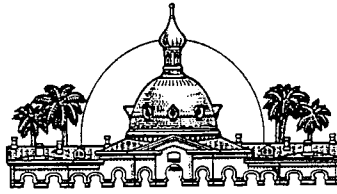


A handwritten signature in cursive script, appearing to read "Larry E. Ruiz".

Larry E. Ruiz
Project Manager
SCS ENGINEERS

RLW/LER:rw

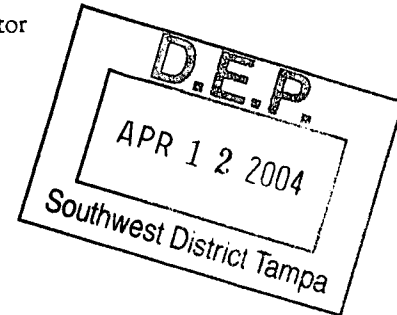
cc: Patricia Berry



Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

April 8, 2004



BOARD OF COUNTY COMMISSIONERS

Kathy Castor
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Assistant County Administrators
Bernardo Garcia
Carl S. Harness

Florida Department of Environmental Protection
Solid Waste Section
2600 Blair Stone Road, M. S. 4565
Tallahassee, FL 32399-2400

RE: Hillsborough County Southeast County Landfill – Waste Records

Dear Sirs:

In accordance with Permit No. 35435-006-SO, Specific Condition No. 11, the Hillsborough County Solid Waste Management Department (SWMD) is submitting the Waste Records for the Southeast County Landfill.

This report includes the quarter from January 2004 through March 2004, which is required to be submitted to the Florida Department of Environmental Protection (FDEP) by April 15, 2004.

For future reports, the SWMD is requesting a contact name for FDEP Tallahassee to ensure that the report is provided to the correct individual in a timely manner.

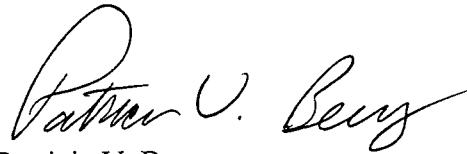
Florida Department of Environmental Protection

April 8, 2004

Page Two

Should you have any questions concerning the information provided, please contact me at the SWMD at 813-276-2908.

Sincerely,

A handwritten signature in black ink, appearing to read "Patricia V. Berry". The signature is fluid and cursive, with the first name "Patricia" being more prominent than the last name "Berry".

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

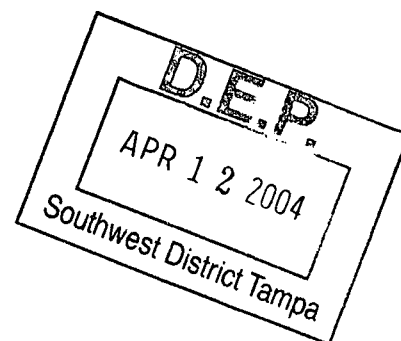
Attachments

xc: Larry Ruiz, SCS
Kim Ford, DEP Tampa
Ron Cope, EPC

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004



Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
230	Non-Processable - Tampa	42	612.07	\$18,258.03
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	43	612.07	\$18,258.03
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	199	4,762.44	\$142,063.50
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	200	4,762.44	\$142,063.50
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	1	3.66	\$109.18
	Totals for Customer:	1	3.66	\$109.18
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	2	0.27	\$8.06
	Totals for Customer:	2	0.27	\$8.06
303	HC ANIMAL CONTROL			
200	Non-Processable	3	1.84	\$62.67
	Totals for Customer:	3	1.84	\$62.67
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	1	0.91	\$30.99
202	C&DD Pure	3	2.70	\$91.96
400	Tires	1	0.41	\$15.31
	Totals for Customer:	5	4.02	\$138.26
313	HC ROAD DEPT			
200	Non-Processable	5	11.90	\$405.33
	Totals for Customer:	5	11.90	\$405.33
314	HC SHERIFFS DEPT			
200	Non-Processable	1	1.11	\$37.81
202	C&DD Pure	1	0.55	\$18.73
	Totals for Customer:	2	1.66	\$56.54
333	ROAD MAINT, PUBLIC WKS DEPT			
200	Non-Processable	1	0.62	\$21.12
	Totals for Customer:	1	0.62	\$21.12
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	1	1.01	\$34.40
202	C&DD Pure	3	1.53	\$52.12
	Totals for Customer:	4	2.54	\$86.52
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	1	7.85	\$0.00
	Totals for Customer:	1	7.85	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	2	22.71	\$1,282.66
	Totals for Customer:	2	22.71	\$1,282.66
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	3	9.09	\$513.40
200	Non-Processable	12	50.80	\$1,730.25
202	C&DD Pure	3	24.90	\$848.09
400	Tires	7	11.18	\$417.36
	Totals for Customer:	25	95.97	\$3,509.10
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	7	79.16	\$0.00
	Totals for Customer:	7	79.16	\$0.00
415	LIBERTY WASTE & RECYCLING (R/O)			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Customer Id	Company Name	Count	Net Weight	Total
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	11	162.73	\$5,542.32
202	C&DD Pure	20	64.09	\$2,182.88
205	Asbestos	1	1.52	\$51.77
400	Tires	3	7.29	\$272.13
	Totals for Customer:	35	235.63	\$8,049.36
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	4	32.53	\$1,837.29
	Totals for Customer:	4	32.53	\$1,837.29
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	17	65.46	\$3,697.20
200	Non-Processable	70	231.65	\$7,889.99
202	C&DD Pure	93	559.61	\$19,060.31
400	Tires	7	32.09	\$1,197.92
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	188	888.81	\$31,845.42
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	223	275.85	\$9,398.19
202	C&DD Pure	72	77.47	\$2,640.68
205	Asbestos	4	9.03	\$307.56
400	Tires	216	460.95	\$17,207.28
500	VEHICLE SCALE WEIGHT	1	0.00	\$5.00
900	Unable To Process	6	0.00	\$0.00
	Totals for Customer:	522	823.30	\$29,558.71
606	OVERLAND SERVICES INC.			
610	Processable - Transferred	2	41.88	\$0.00
	Totals for Customer:	2	41.88	\$0.00
610	HC RESOURCE RECOVERY			
820	SWMD - Non-Processable	1	1.43	\$0.00
	Totals for Customer:	1	1.43	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	188	3,233.28	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	190	3,233.28	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	163	2,976.27	\$0.00
900	Unable To Process	7	0.00	\$0.00
	Totals for Customer:	170	2,976.27	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	153	106.53	\$0.00
213	C&DD Pure Residential	95	105.63	\$0.00
215	Asbestos - Residential	1	1.96	\$0.00
410	Tires - Residential	5	1.65	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	255	215.77	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	10	133.59	\$0.00
410	Tires - Residential	2	15.08	\$0.00
	Totals for Customer:	12	148.67	\$0.00
622	ALDERMAN FORD CCC			

D.E.P.

APR 12 2004

Southwest District Tampa

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Customer Id	Company Name	Count	Net Weight	Total
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	68	238.34	\$0.00
410	Tires - Residential	2	10.36	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	71	248.70	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	30	312.29	\$0.00
410	Tires - Residential	2	9.78	\$0.00
	Totals for Customer:	32	322.07	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	53	637.41	\$0.00
410	Tires - Residential	1	4.07	\$0.00
	Totals for Customer:	54	641.48	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	18	70.50	\$0.00
410	Tires - Residential	1	5.54	\$0.00
	Totals for Customer:	19	76.04	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	1	0.21	\$0.00
	Totals for Customer:	1	0.21	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	199	4,941.92	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	200	4,941.92	\$0.00
675	TIRE SHREDDING SWMD			
450	Unshredable Tires	2	12.25	\$0.00
	Totals for Customer:	2	12.25	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	3	12.73	\$0.00
	Totals for Customer:	3	12.73	\$0.00
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	1	1.77	\$60.29
	Totals for Customer:	1	1.77	\$60.29
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	2	1.92	\$65.40
400	Tires	6	26.88	\$1,003.43
	Totals for Customer:	8	28.80	\$1,068.83
846	TIRE CENTERS LLC #453			
200	Non-Processable	3	9.83	\$334.81
	Totals for Customer:	3	9.83	\$334.81
847	EKKWILL TROPICAL FISH FARM			
200	Non-Processable	1	1.00	\$34.06
	Totals for Customer:	1	1.00	\$34.06
859	COMPLETE LANDCARE INC.			
200	Non-Processable	1	0.74	\$25.20
	Totals for Customer:	1	0.74	\$25.20
890	BERNIER ENTERPRISES DBA ALAFIA RIVER RES			
200	Non-Processable	1	1.24	\$42.23
202	C&DD Pure	1	1.48	\$50.41
	Totals for Customer:	2	2.72	\$92.64
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
200	Non-Processable	1	0.49	\$16.69
400	Tires	1	1.92	\$71.67
	Totals for Customer:	2	2.41	\$88.36
906	COVANTA TAMPA BAY			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Customer Id	Company Name	Count	Net Weight	Total
906	COVANTA TAMPA BAY			
200	Non-Processable	8	186.39	\$6,348.43
	Totals for Customer:	8	186.39	\$6,348.43
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	2	8.54	\$290.87
400	Tires	4	17.24	\$643.57
	Totals for Customer:	6	25.78	\$934.44
914	RIVERWALK VILLAGE			
200	Non-Processable	4	3.57	\$121.58
202	C&DD Pure	1	1.45	\$49.39
	Totals for Customer:	5	5.02	\$170.97
926	P.R. STEELE COAT, INC.			
200	Non-Processable	1	6.13	\$208.79
	Totals for Customer:	1	6.13	\$208.79
948	VIGO IMPORTING COMPANY			
200	Non-Processable	3	4.63	\$157.69
	Totals for Customer:	3	4.63	\$157.69
952	CROSS CONSTRUCTION COMPANY			
202	C&DD Pure	1	3.06	\$104.22
	Totals for Customer:	1	3.06	\$104.22
956	KIMMINS CORPORATION			
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	1	0.00	\$0.00
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	10.95	\$372.96
	Totals for Customer:	1	10.95	\$372.96
979	KEARNEY DEVELOPMENT/FLORIDA TRUCK CO			
200	Non-Processable	5	18.52	\$630.80
400	Tires	3	6.55	\$244.51
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	9	25.07	\$875.31
986	BOYD'S AUTO CENTER			
400	Tires	2	1.54	\$57.49
	Totals for Customer:	2	1.54	\$57.49
	Grand Totals:	2117	20,775.52	\$248,226.24

Date: 02/04/2004

Hillsborough County : Waste Management Department

Page 7

B - new

Transaction Summary Report

For Site: SS New South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Site Summary by Material

<u>Material</u>	<u>Tons</u>
100 Processable	51.66
200 Non-Processable	53.55
202 C&DD Pure	21.69
210 Non-Proc. - Residential	174.92
230 Non-Processable - Tampa	107.38
235 Tampa Ash	2,830.01
610 Processable - Transferred	16,456.04
625 RRF Ash @ Landfill	2,137.57
Total Tons Weighed	21,832.82

Total Adjustments 0.00

Total Net Tons

$$\begin{array}{r} \underline{21,832.82} \times 11.97 = 261,338.86 \\ \text{WR 190} \quad \quad \quad (2,613.39) \\ \hline 258,725.47 \end{array}$$

SR
2/10/04

Transaction Summary Report

For Site: SS New South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
230	Non-Processable - Tampa	6	107.01	\$3,192.13
	Totals for Customer:	6	107.01	\$3,192.13
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	119	2,830.01	\$84,419.23
	Totals for Customer:	119	2,830.01	\$84,419.23
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	2	0.37	\$11.33
	Totals for Customer:	2	0.37	\$11.33
312	PARKS, RECREATION & CONSERVATION DEPT.			
202	C&DD Pure	1	0.55	\$18.73
	Totals for Customer:	1	0.55	\$18.73
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	2	27.49	\$1,552.63
	Totals for Customer:	2	27.49	\$1,552.63
412	EAST BAY SANITATION SERVICE INC (R/O)			
200	Non-Processable	1	7.71	\$262.60
	Totals for Customer:	1	7.71	\$262.60
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	1	14.67	\$828.56
	Totals for Customer:	1	14.67	\$828.56
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	2	9.50	\$536.56
200	Non-Processable	6	19.08	\$649.87
202	C&DD Pure	3	20.65	\$703.34
	Totals for Customer:	11	49.23	\$1,889.77
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	8	26.32	\$896.45
202	C&DD Pure	1	0.49	\$16.69
	Totals for Customer:	9	26.81	\$913.14
606	OVERLAND SERVICES INC.			
610	Processable - Transferred	1	19.83	\$0.00
	Totals for Customer:	1	19.83	\$0.00
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	99	1,706.87	\$0.00
	Totals for Customer:	99	1,706.87	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	812	14,729.34	\$0.00
	Totals for Customer:	812	14,729.34	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	3	1.38	\$0.00
	Totals for Customer:	3	1.38	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	3	33.34	\$0.00
	Totals for Customer:	3	33.34	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	8	29.86	\$0.00
	Totals for Customer:	8	29.86	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	4	35.99	\$0.00
	Totals for Customer:	4	35.99	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	5	69.54	\$0.00
	Totals for Customer:	5	69.54	\$0.00
626	WIMAUMA CCC			

OK
 J. H. [Signature]
 2-4-04

Transaction Summary Report

For Site: SS New South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Customer Id	Company Name	Count	Net Weight	Total
626	WIMAUMA CCC			
210	Non-Proc. - Residential	1	4.81	\$0.00
	Totals for Customer:	1	4.81	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	85	2,137.57	\$0.00
	Totals for Customer:	85	2,137.57	\$0.00
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	1	0.44	\$14.99
	Totals for Customer:	1	0.44	\$14.99
	Grand Totals:	1174	21,832.82	\$93,103.11

A-old

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 01/01/2004 thru 01/31/2004

Site Summary by Material

Material	Tons
100 Processable	129.79
110 Processable Residential	87.01
200 Non-Processable	994.14
202 C&DD Pure	736.84
205 Asbestos	10.55
210 Non-Proc. - Residential	1,498.66
213 C&DD Pure Residential	105.63
215 Asbestos - Residential	1.96
230 Non-Processable - Tampa	616.00
235 Tampa Ash	4,762.44
400 Tires	566.05
410 Tires - Residential	46.48
450 Unshredable Tires	12.25
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	6,251.43
625 RRF Ash @ Landfill	4,941.92
820 SWMD - Non-Processable	1.64
900 Unable To Process	0.00
Total Tons Weighed	20,762.79

Adjustments

Material	Tons
400 Tires	566.05
410 Tires - Residential	46.48
720 Metals Extraction	12.73
Total Adjustments	625.26
Total Net Tons	20,137.53

$$\begin{array}{r} 20,137.53 \times 11.97 = 241,046.24 \\ \text{less } 190 (2,410.47) \\ \hline 238,635.77 \end{array}$$

SP
2/10/04

Total Both (A+B)

$$\begin{array}{r} 238,635.77 \\ 258,225.47 \\ \hline 497,361.24 \end{array}$$

Retainage

$$\begin{array}{r} 2,410.47 \\ 2,613.39 \\ \hline 5,023.86 \end{array}$$

Recw04012833

Recw04012837

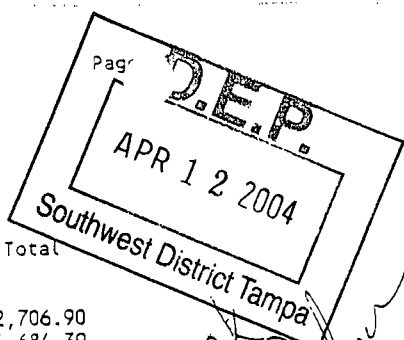
Date: 03/02/2004

Hillsborough County 1 Waste Management Department

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 02/01/2004 thru 02/28/2004



Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	59	1,045.15	\$52,706.90
230	Non-Processable - Tampa	37	492.27	\$14,684.39
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	97	1,537.42	\$67,391.29
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	307	7,179.49	\$214,164.19
	Totals for Customer:	307	7,179.49	\$214,164.19
004	CITY OF TAMPA PARKS DEPT			
230	Non-Processable - Tampa	1	1.47	\$43.85
	Totals for Customer:	1	1.47	\$43.85
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	3	0.49	\$17.30
	Totals for Customer:	3	0.49	\$17.30
075	CITY OF TEMPLE TERRACE			
420	Tires - Municipal	1	2.42	\$90.34
	Totals for Customer:	1	2.42	\$90.34
303	HC ANIMAL CONTROL			
200	Non-Processable	1	0.19	\$6.47
	Totals for Customer:	1	0.19	\$6.47
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	3	4.40	\$149.87
202	C&DD Pure	9	9.55	\$325.27
400	Tires	11	5.29	\$197.48
	Totals for Customer:	23	19.24	\$672.62
313	HC ROAD DEPT			
200	Non-Processable	4	1.92	\$68.13
	Totals for Customer:	4	1.92	\$68.13
351	ST OF FL DEPT OF TRANSPORTATION			
100	Processable	2	1.66	\$93.75
200	Non-Processable	2	2.33	\$79.36
202	C&DD Pure	3	5.14	\$175.07
400	Tires	4	5.52	\$206.06
	Totals for Customer:	11	14.65	\$554.24
361	SW FLORIDA WATER MANAGEMENT			
400	Tires	1	1.08	\$40.32
	Totals for Customer:	1	1.08	\$40.32
362	UNIVERSITY OF SOUTH FLORIDA			
100	Processable	1	5.57	\$314.59
	Totals for Customer:	1	5.57	\$314.59
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	18	199.58	\$0.00
	Totals for Customer:	18	199.58	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	10	126.90	\$7,167.30
	Totals for Customer:	10	126.90	\$7,167.30
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	15	58.65	\$3,312.56
200	Non-Processable	10	53.80	\$1,832.43
202	C&DD Pure	13	48.17	\$1,640.68
400	Tires	5	13.95	\$520.76

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Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 02/01/2004 thru 02/28/2004

Customer Id	Company Name	Count	Net Weight	Total
412	EAST BAY SANITATION SERVICE INC (R/O)			
900	Unable To Process	3	0.00	\$0.00
	Totals for Customer:	46	174.57	\$7,306.43
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	73	851.97	\$0.00
	Totals for Customer:	73	851.97	\$0.00
414	LIBERTY WASTE & RECYCLING (C)			
100	Processable	10	125.47	\$7,086.53
	Totals for Customer:	10	125.47	\$7,086.53
415	LIBERTY WASTE & RECYCLING (R/O)			
100	Processable	7	18.27	\$1,031.89
200	Non-Processable	14	164.86	\$5,615.14
202	C&DD Pure	26	66.53	\$2,266.03
205	Asbestos	3	10.84	\$369.21
400	Tires	1	4.01	\$149.69
	Totals for Customer:	51	264.51	\$9,431.96
416	WASTE MANAGEMENT OF TAMPA INC (R)			
110	Processable Residential	1	14.35	\$0.00
	Totals for Customer:	1	14.35	\$0.00
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	33	359.26	\$20,291.02
	Totals for Customer:	33	359.26	\$20,291.02
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	34	156.89	\$8,861.13
200	Non-Processable	81	336.13	\$11,448.62
202	C&DD Pure	90	546.65	\$18,618.87
400	Tires	6	24.06	\$898.15
	Totals for Customer:	211	1,063.73	\$39,826.77
601	CASH (SOUTHEAST COUNTY LANDFILL)			
200	Non-Processable	216	213.00	\$7,256.60
202	C&DD Pure	109	109.13	\$3,717.97
205	Asbestos	1	0.20	\$6.81
400	Tires	207	414.78	\$15,485.99
500	VEHICLE SCALE WEIGHT	2	0.00	\$10.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	536	737.11	\$26,477.37
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	382	6,698.64	\$0.00
900	Unable To Process	2	0.00	\$0.00
	Totals for Customer:	384	6,698.64	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	1089	19,637.75	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	1090	19,637.75	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	115	69.51	\$0.00
213	C&DD Pure Residential	88	104.05	\$0.00
410	Tires - Residential	1	0.16	\$0.00
	Totals for Customer:	204	173.72	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 02/01/2004 thru 02/28/2004

Customer Id	Company Name	Count	Net Weight	Total
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	24	242.52	\$0.00
410	Tires - Residential	2	16.44	\$0.00
	Totals for Customer:	26	258.96	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	65	250.31	\$0.00
410	Tires - Residential	1	5.80	\$0.00
	Totals for Customer:	66	256.11	\$0.00
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	32	330.36	\$0.00
410	Tires - Residential	1	4.87	\$0.00
	Totals for Customer:	33	335.23	\$0.00
624	NORTHWEST COUNTY CCC			
110	Processable Residential	2	19.70	\$0.00
210	Non-Proc. - Residential	52	632.07	\$0.00
410	Tires - Residential	3	16.58	\$0.00
	Totals for Customer:	57	668.35	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	23	83.10	\$0.00
	Totals for Customer:	23	83.10	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	5	0.76	\$0.00
	Totals for Customer:	5	0.76	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	176	4,460.73	\$0.00
	Totals for Customer:	176	4,460.73	\$0.00
675	TIRE SHREDDING SWMD			
450	Unshredable Tires	3	24.37	\$0.00
	Totals for Customer:	3	24.37	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	2	9.27	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	3	9.27	\$0.00
780	LEACHATE CONTRACTOR			
780	Leachate	1	10.35	\$0.00
	Totals for Customer:	1	10.35	\$0.00
801	GCR TIRE CENTERS			
200	Non-Processable	1	5.96	\$203.00
	Totals for Customer:	1	5.96	\$203.00
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	1	1.63	\$55.52
400	Tires	1	0.40	\$14.93
	Totals for Customer:	2	2.03	\$70.45
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	1	0.35	\$11.92
400	Tires	4	17.67	\$659.62
	Totals for Customer:	5	18.02	\$671.54
842	APOLLO CONSTRUCTION & ENGINEERING SVCRV.			
202	C&DD Pure	1	0.58	\$19.75
	Totals for Customer:	1	0.58	\$19.75
859	COMPLETE LANDCARE INC.			
202	C&DD Pure	5	18.99	\$646.79
	Totals for Customer:	5	18.99	\$646.79
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 02/01/2004 thru 02/28/2004

Customer Id	Company Name	Count	Net Weight	Total
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
200	Non-Processable	1	0.71	\$24.18
400	Tires	1	1.59	\$59.35
	Totals for Customer:	2	2.30	\$83.53
894	HARMONY OAKS			
200	Non-Processable	1	0.95	\$32.36
	Totals for Customer:	1	0.95	\$32.36
906	COVANTA TAMPA BAY			
200	Non-Processable	5	125.41	\$4,271.47
	Totals for Customer:	5	125.41	\$4,271.47
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	2	7.20	\$245.23
400	Tires	5	21.56	\$804.84
	Totals for Customer:	7	28.76	\$1,050.07
908	BEASLEY & SONS INC			
100	Processable	1	6.70	\$378.42
	Totals for Customer:	1	6.70	\$378.42
914	RIVERWALK VILLAGE			
202	C&DD Pure	1	0.83	\$28.27
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	2	0.83	\$28.27
948	VIGO IMPORTING COMPANY			
200	Non-Processable	3	6.35	\$216.28
	Totals for Customer:	3	6.35	\$216.28
956	KIMMINS CORPORATION			
200	Non-Processable	1	8.11	\$276.23
400	Tires	1	5.95	\$222.11
	Totals for Customer:	2	14.06	\$498.34
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	1	11.74	\$399.86
	Totals for Customer:	1	11.74	\$399.86
979	KEARNEY DEVELOPMENT/FLORIDA TRUCK CO			
400	Tires	1	3.04	\$113.48
	Totals for Customer:	1	3.04	\$113.48
	Grand Totals:	3549	45,544.45	\$409,634.33

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 02/01/2004 thru 02/28/2004

Site Summary by Material

Material	Tons
100 Processable	859.37
110 Processable Residential	1,085.60
130 Processable - Tampa	1,045.15
200 Non-Processable	945.04
202 C&DD Pure	805.57
205 Asbestos	11.04
210 Non-Proc. - Residential	1,607.87
213 C&DD Pure Residential	104.05
230 Non-Processable - Tampa	494.23
235 Tampa Ash	7,179.49
400 Tires	518.90
410 Tires - Residential	43.85
420 Tires - Municipal	2.42
450 Unshredable Tires	24.37
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	26,336.39
625 RRF Ash @ Landfill	4,460.73
820 SWMD - Non-Processable	0.76
900 Unable To Process	0.00
Total Tons Weighed	45,524.83

Adjustments

Material	Tons
400 Tires	518.90
410 Tires - Residential	43.85
420 Tires - Municipal	2.42
720 Metals Extraction	9.27
Total Adjustments	574.44
Total Net Tons	44,950.39

$44,950.39 \times 11.97 = 538,096.17$
Less 1070 (5,380.57) - Rec'd 4016031
532,675.60 - Rec'd 401602
Due WMA
3/3/04
LR
PUB

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 03/01/2004 thru 03/31/2004

Customer Id	Company Name	Count	Net Weight	Total
001	CITY OF TAMPA SANITATION DEPT			
130	Processable - Tampa	268	4,957.26	\$249,994.57
230	Non-Processable - Tampa	74	1,073.85	\$32,032.95
	Totals for Customer:	342	6,031.11	\$282,027.52
002	CITY OF TAMPA MCKAY BAY			
235	Tampa Ash	373	8,895.67	\$265,357.82
	Totals for Customer:	373	8,895.67	\$265,357.82
009	CITY OF TAMPA/ANIMAL			
230	Non-Processable - Tampa	4	0.44	\$16.10
	Totals for Customer:	4	0.44	\$16.10
300	HC BOARD OF PUBLIC INSTRUCTION			
200	Non-Processable	1	2.09	\$71.19
	Totals for Customer:	1	2.09	\$71.19
303	HC ANIMAL CONTROL			
200	Non-Processable	9	6.04	\$205.72
	Totals for Customer:	9	6.04	\$205.72
312	PARKS, RECREATION & CONSERVATION DEPT.			
200	Non-Processable	4	0.83	\$28.28
202	C&DD Pure	1	2.16	\$73.57
400	Tires	3	0.98	\$36.58
	Totals for Customer:	8	3.97	\$138.43
313	HC ROAD DEPT			
200	Non-Processable	6	1.50	\$56.56
	Totals for Customer:	6	1.50	\$56.56
314	HC SHERIFFS DEPT			
200	Non-Processable	2	2.27	\$77.31
	Totals for Customer:	2	2.27	\$77.31
315	WATER DEPARTMENT			
200	Non-Processable	1	1.86	\$63.35
	Totals for Customer:	1	1.86	\$63.35
333	ROAD MAINT, PUBLIC WKS DEPT			
200	Non-Processable	3	4.57	\$155.65
202	C&DD Pure	1	1.41	\$48.02
	Totals for Customer:	4	5.98	\$203.67
351	ST OF FL DEPT OF TRANSPORTATION			
200	Non-Processable	2	2.17	\$73.91
202	C&DD Pure	3	3.37	\$114.78
400	Tires	1	1.42	\$53.01
	Totals for Customer:	6	6.96	\$241.70
410	EAST BAY SANITATION SERVICE INC (R)			
110	Processable Residential	17	176.80	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	18	176.80	\$0.00
411	EAST BAY SANITATION SERVICE INC (C)			
100	Processable	5	47.15	\$2,663.03
	Totals for Customer:	5	47.15	\$2,663.03
412	EAST BAY SANITATION SERVICE INC (R/O)			
100	Processable	2	4.10	\$231.56
200	Non-Processable	14	68.09	\$2,319.14
202	C&DD Pure	32	130.85	\$4,456.73
400	Tires	7	21.36	\$797.36

OK
 [Signature]
 4-5-04

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 03/01/2004 thru 03/31/2004

Customer Id	Company Name	Count	Net Weight	Total
412	EAST BAY SANITATION SERVICE INC (R/O)			
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	56	224.40	\$7,804.79
413	LIBERTY WASTE & RECYCLING (R)			
110	Processable Residential	18	215.80	\$0.00
	Totals for Customer:	18	215.80	\$0.00
415	LIBERTY WASTE & RECYCLING (R/O)			
200	Non-Processable	13	129.16	\$4,399.20
202	C&DD Pure	46	197.27	\$6,719.05
	Totals for Customer:	59	326.43	\$11,118.25
417	WASTE MANAGEMENT OF TAMPA INC (C)			
100	Processable	12	108.98	\$6,155.19
	Totals for Customer:	12	108.98	\$6,155.19
418	WASTE MANAGEMENT OF TAMPA INC (R/O)			
100	Processable	28	142.89	\$8,070.44
200	Non-Processable	93	333.48	\$11,360.04
202	C&DD Pure	114	636.70	\$21,686.05
400	Tires	6	25.34	\$945.95
	Totals for Customer:	241	1,138.41	\$42,062.48
601	CASH (SOUTHEAST COUNTY LANDFILL)			
100	Processable	1	2.63	\$148.54
200	Non-Processable	282	399.40	\$13,614.79
202	C&DD Pure	113	128.61	\$4,381.51
400	Tires	253	500.46	\$18,684.02
500	VEHICLE SCALE WEIGHT	4	0.00	\$20.00
900	Unable To Process	5	0.00	\$0.00
	Totals for Customer:	658	1,031.10	\$36,848.86
612	SOUTH COUNTY TRANSFER STATION			
610	Processable - Transferred	322	5,625.64	\$0.00
	Totals for Customer:	322	5,625.64	\$0.00
613	NORTHWEST TRANSFER STATION			
610	Processable - Transferred	910	15,631.01	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	911	15,631.01	\$0.00
614	Southeast County Landfill Residential			
210	Non-Proc. - Residential	134	79.73	\$0.00
213	C&DD Pure Residential	94	99.81	\$0.00
215	Asbestos - Residential	1	0.47	\$0.00
410	Tires - Residential	7	3.75	\$0.00
900	Unable To Process	1	0.00	\$0.00
	Totals for Customer:	237	183.76	\$0.00
620	HILLSBOROUGH HEIGHTS CCC			
210	Non-Proc. - Residential	20	237.68	\$0.00
410	Tires - Residential	2	13.89	\$0.00
	Totals for Customer:	22	251.57	\$0.00
622	ALDERMAN FORD CCC			
210	Non-Proc. - Residential	84	320.95	\$0.00
410	Tires - Residential	2	11.15	\$0.00
	Totals for Customer:	86	332.10	\$0.00
623	SOUTH COUNTY CCC			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 03/01/2004 thru 03/31/2004

Customer Id	Company Name	Count	Net Weight	Total
623	SOUTH COUNTY CCC			
210	Non-Proc. - Residential	38	412.40	\$0.00
410	Tires - Residential	2	8.72	\$0.00
	Totals for Customer:	40	421.12	\$0.00
624	NORTHWEST COUNTY CCC			
210	Non-Proc. - Residential	59	790.07	\$0.00
410	Tires - Residential	2	10.32	\$0.00
	Totals for Customer:	61	800.39	\$0.00
626	WIMAUMA CCC			
210	Non-Proc. - Residential	27	97.47	\$0.00
410	Tires - Residential	1	5.71	\$0.00
	Totals for Customer:	28	103.18	\$0.00
635	LITTER CREW-WASTE MANAGEMENT			
820	SWMD - Non-Processable	4	0.41	\$0.00
	Totals for Customer:	4	0.41	\$0.00
650	RESOURCE RECOVERY - ASH			
625	RRF Ash @ Landfill	315	7,970.27	\$0.00
	Totals for Customer:	315	7,970.27	\$0.00
675	TIRE SHREDDING SWMD			
444	Shredded Tires	18	289.31	\$0.00
450	Unshredable Tires	8	30.51	\$0.00
	Totals for Customer:	26	319.82	\$0.00
730	SELF TONS OUT			
720	Metals Extraction	2	8.45	\$0.00
	Totals for Customer:	2	8.45	\$0.00
805	TRAFFIC CONTROL PRODUCTS			
200	Non-Processable	1	2.40	\$81.74
	Totals for Customer:	1	2.40	\$81.74
812	COUNTY FIRE EQUIPMENT CO			
200	Non-Processable	2	4.43	\$150.89
	Totals for Customer:	2	4.43	\$150.89
817	GULF COAST RECYCLING INC			
200	Non-Processable	1	1.69	\$57.56
400	Tires	1	0.73	\$27.25
	Totals for Customer:	2	2.42	\$84.81
820	OLIN MOTT TIRE COMPANY			
200	Non-Processable	2	1.50	\$51.09
400	Tires	7	29.38	\$1,096.76
	Totals for Customer:	9	30.88	\$1,147.85
847	EKKWILL TROPICAL FISH FARM			
202	C&DD Pure	2	1.66	\$56.54
	Totals for Customer:	2	1.66	\$56.54
871	COPHER U PULL IT INC.			
400	Tires	1	4.21	\$157.16
	Totals for Customer:	1	4.21	\$157.16
885	CRESCENT LAKE CORP.			
200	Non-Processable	1	0.29	\$9.88
	Totals for Customer:	1	0.29	\$9.88
893	ALPHA EXCAVATING & EQUIPMENT RENTAL			
400	Tires	1	1.48	\$55.25
	Totals for Customer:	1	1.48	\$55.25
906	COVANTA TAMPA BAY			
200	Non-Processable	4	106.66	\$3,632.83
	Totals for Customer:	4	106.66	\$3,632.83
907	JOHNSON'S EXCAVATION & SERVICES			

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 03/01/2004 thru 03/31/2004

Customer Id	Company Name	Count	Net Weight	Total
907	JOHNSON'S EXCAVATION & SERVICES			
200	Non-Processable	1	4.71	\$160.42
400	Tires	5	19.96	\$745.11
	Totals for Customer:	6	24.67	\$905.53
908	BEASLEY & SONS INC			
200	Non-Processable	2	7.72	\$262.95
	Totals for Customer:	2	7.72	\$262.95
914	RIVERWALK VILLAGE			
200	Non-Processable	1	0.79	\$26.91
400	Tires	1	0.13	\$4.85
	Totals for Customer:	2	0.92	\$31.76
948	VIGO IMPORTING COMPANY			
200	Non-Processable	2	4.64	\$158.04
	Totals for Customer:	2	4.64	\$158.04
950	MM&A CONSTRUCTION			
202	C&DD Pure	6	25.42	\$865.81
	Totals for Customer:	6	25.42	\$865.81
958	FLORIDA REFUSE SERVICE INC			
200	Non-Processable	2	24.86	\$846.74
	Totals for Customer:	2	24.86	\$846.74
986	BOYD'S AUTO CENTER			
400	Tires	4	2.99	\$111.62
	Totals for Customer:	4	2.99	\$111.62
	Grand Totals:	3924	50,120.33	\$663,671.37

Transaction Summary Report

For Site: SE South East County Landfill

Date Range: 03/01/2004 thru 03/31/2004

Site Summary by Material

<u>Material</u>	<u>Tons</u>
100 Processable	305.75
110 Processable Residential	392.60
130 Processable - Tampa	4,957.26
200 Non-Processable	1,111.15
202 C&DD Pure	1,127.45
210 Non-Proc. - Residential	1,938.30
213 C&DD Pure Residential	99.81
215 Asbestos - Residential	0.47
230 Non-Processable - Tampa	1,074.29
235 Tampa Ash	8,895.67
400 Tires	608.44
410 Tires - Residential	53.54
444 Shredded Tires	289.31
450 Unshredable Tires	30.51
500 VEHICLE SCALE WEIGHT	0.00
610 Processable - Transferred	21,256.65
625 RRF Ash @ Landfill	7,970.27
820 SWMD - Non-Processable	0.41
900 Unable To Process	0.00
Total Tons Weighed	50,111.88

Adjustments

<u>Material</u>	<u>Tons</u>
400 Tires	608.44
410 Tires - Residential	53.54
720 Metals Extraction	8.45
Total Adjustments	670.43
Total Net Tons	49,441.45

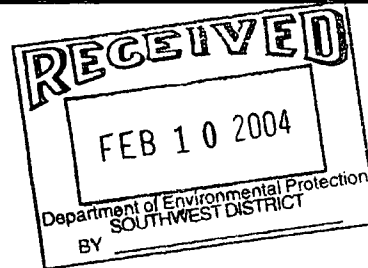
$49,441.45 \times 11.97 = 591,814.16$
 (less 10%)
 $(5,918.15)$ new 0420522
 $585,896.01$ new 04020591
 Done w/ me
 4/6/04
 RL

SOUTHEAST COUNTY LANDFILL TONNAGE RECEIVED and BURIED

	A	B	C	D	E	F	H	I	J	K	L	M	N	O	P	Q	R	S
1	SOUTHEAST COUNTY LANDFILL																	
2	TONNAGE ANALYSIS by MATERIAL																	
3	TWO TWELVE MONTH PERIODS																	
4	MONTH	Processable (1) 100,110, 310, 610, 810	Non- Processable (2) 200, 210, 230, 820	Non-Profit Recycl Residue 250	R.R. Ash 625	City of Tampa Ash 235	Asbestos2 05, 215	C&DD 202, 213	LTP - Filter Cake 850	Tires 400, 410, 420	TOTAL TONNAGE RECEIVED	Shredded/ Unshredded Tires	Less Tires	Less Tonnage Out	TOTAL TONNAGE BURIED	Existing Landfill Sections 1-6	New Landfill Sections 7	TOTAL TONNAGE BURIED
5	March'02	18,642.04	4,107.46		7,119.62	8,099.34	6.26	764.92		699.07	39,438.71	16.68	(699.07)	(12.82)	38,743.50			
7	April'02	18,145.94	3,982.69		7,988.66	8,864.78	5.74	884.57		670.45	40,542.83	26.92	(670.45)	(14.12)	39,885.18			0.00
8	May'02	18,818.58	4,167.77		8,009.66	6,524.34	3.21	840.51		728.22	39,092.29	38.36	(728.22)	(17.22)	38,385.21			0.00
9	June'02	14,391.61	4,330.43		7,088.59	7,661.08	0.00	822.26		641.53	34,935.50	596.84	(641.53)	(6.28)	34,884.53			0.00
10	July'02	15,354.38	4,063.26		8,031.40	7,901.06	0.00	869.60		579.89	36,799.59	603.82	(579.89)	(11.29)	36,812.23			0.00
11	August'02	17,309.28	3,933.09		7,350.29	7,947.25	2.31	1,172.52		622.91	38,337.65	369.06	(622.91)	(10.79)	38,073.01			0.00
12	September'02	20,242.48	4,084.60		5,464.59	7,436.25	0.00	687.27		510.29	38,425.48	7.17	(510.29)	(12.79)	37,909.57			0.00
13	October'02	15,497.15	4,235.47		8,577.47	7,135.66	0.00	1,035.50		711.95	37,193.20	167.00	(711.95)	(8.07)	36,640.18			0.00
14	November'02	15,242.46	3,506.06		7,671.51	7,307.89	8.52	1,050.65		557.76	35,344.85	855.07	(557.76)	(11.99)	35,630.17			0.00
15	December'02	15,872.96	3,924.89		8,505.81	7,933.41	11.91	933.57		453.11	37,635.66	892.34	(453.11)	(11.19)	38,063.70			0.00
16	January'03	21,811.55	4,942.45		8,426.84	8,254.07	6.22	934.20		553.61	44,928.94	807.75	(553.61)	(7.93)	45,175.15			0.00
17	February'03	18,931.41	4,173.85		6,188.14	7,295.65	4.02	960.37		534.41	38,087.85	523.97	(534.41)	(36.62)	38,040.79			0.00
18	March'03	25,567.20	6,333.76		5,278.82	7,909.53	4.41	887.39		593.36	46,574.47	384.13	(593.36)	(31.37)	46,333.87			0.00
19	Total 12 Month	217,185.00	51,678.32	0.00	88,581.78	92,170.97	46.34	11,078.41	0.00	7,157.49	467,898.31	5,272.43	(7,157.49)	(179.66)	465,833.59	0.00	0.00	0.00
20																		
21	April'03	20,103.51	7,621.74		7,738.07	7,892.58	3.46	848.58		568.29	44,776.23	828.22	(568.29)	(13.14)	45,023.02			0.00
22	May'03	17,560.79	5,290.86		8,014.53	7,381.50	3.08	786.18		595.03	39,631.97	363.92	(595.03)	(19.23)	39,381.63			0.00
23	June'03	17,024.35	5,064.40		7,147.74	8,833.16	8.68	687.57		593.58	39,359.48	716.92	(593.58)	(27.25)	39,455.57			0.00
24	July'03	20,489.85	4,485.28		8,247.10	8,061.88	0.00	982.40	13.14	673.79	42,953.44	226.40	(673.79)	(6.31)	42,499.74			0.00
25	August'03	20,838.08	4,555.47		6,896.40	7,579.10	8.08	934.56	0.00	616.32	41,428.01	16.11	(616.32)	(19.11)	40,808.69			0.00
26	September'03	19,973.12	4,456.94		5,976.39	8,056.21	5.71	993.65	0.00	685.22	40,147.24	9.09	(685.22)	(9.35)	39,461.76			0.00
27	October'03	20,262.56	3,920.08		7,350.84	8,504.81	6.03	1,009.08	11.63	643.74	41,708.77	32.95	(643.74)	(17.08)	41,080.90			0.00
28	November'03	15,108.46	3,436.77		7,500.52	7,035.57	0.00	705.11	4.93	538.18	34,329.54	16.37	(538.18)	(7.68)	33,800.05			0.00
29	December'03	18,944.72	3,379.07	0.71	8,201.38	8,865.81	24.67	479.80	7.81	593.38	40,497.35	17.89	(593.38)	(16.99)	39,904.87			0.00
30	January'04	22,975.93	3,446.29	0.00	7,079.49	7,592.45	12.51	864.16	0.00	624.78	42,595.61	12.25	(624.78)	(12.73)	41,970.35	20,137.53	21,832.82	41,970.35
31	February'04	29,326.51	3,047.90	0.00	4,460.73	7,179.49	11.04	909.62	0.00	565.17	45,500.46	24.37	(565.17)	(9.27)	44,950.39	0.00	44,950.39	44,950.39
32	March'04	26,912.26	4,124.15	0.00	7,970.27	8,895.67	0.47	1,227.26	0.00	661.98	49,792.06	319.82	(661.98)	(8.45)	49,441.45	49,441.45	0.00	49,441.45
33	Total 12 Month	249,520.14	52,828.95	0.71	86,583.46	95,878.23	83.73	10,427.97	37.51	7,359.46	502,720.16	2,584.31	(7,359.46)	(166.59)	497,778.42	69,578.98	66,783.21	136,362.19
34																		
35																		
36																		
37																		
38	Fiscal Yr. Tot:	133,530.44	21,354.26	0.71	42,563.23	48,073.80	54.72	5,195.03	24.37	13,627.23	254,423.79	423.65	(3,627.23)	(72.20)	251,148.01	69,578.98	66,783.21	136,362.19
44	NOTE's:	1. Processable includes Mixed Processable																
45		2. Non-Processable includes Mixed Non-Processable																
46		3. For Fiscal Year End unhide rows 39 thru 43.																
47		4. Column 'G' Plastic/Emergency Rate is hidden.																
48																		

SCS ENGINEERS

February 9, 2004
File No. 09200020.34



Mr. Kim B. Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Leachate Storage in Pond B
Southeast County Landfill, Hillsborough County, Florida

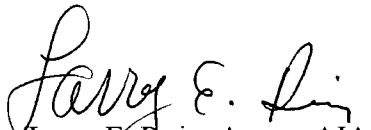
Dear Mr. Ford:

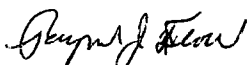
On behalf of the Hillsborough County Solid Waste Management Department (SWMD), SCS Engineers (SCS) is pleased to provide the following notice in accordance with Section 4.7 of the Leachate Management Plan (LMP). As required by the Operation Permit Specific Condition No. 16.k, on February 13, 2004 the SWMD will begin inspection of the leachate storage tanks. Therefore, while the tanks are being inspected, the leachate will be sent to Pond B from where it will be pumped directly into tanker trucks for transport to an off-site waste water treatment plan. The procedure outlined in Section 4.7.2 of the LMP will be followed and spray evaporation of leachate will not be allowed.

The inspection event is scheduled to be completed by March 5, 2004. However, if any repairs are needed, the storage of leachate in Pond B may be extended. As the tank inspection progresses, the SWMD will keep the Florida Department of Environmental Protection and the Hillsborough County Environmental Protection Commission updated.

Please call if you have any questions.

Very truly yours,


Larry E. Ruiz, Assoc. AIA
Project Manager


Raymond J. Dever, P.E., DEE
Vice President
SCS ENGINEERS

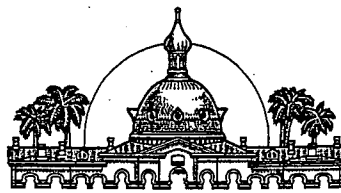
LER/RJD:lr

cc: Patricia V. Berry, SWMD
Paul Schipfer, HCEPC



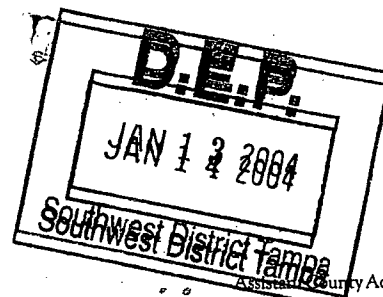
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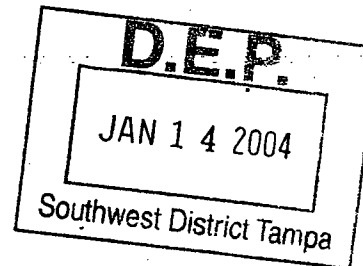
Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean



Assistant County Administrators
Bernardo Garcia
Carl S. Harness

January 13, 2004



John
Mr. Kim Ford, P. E.
Florida Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Southeast County Landfill Reporting – Permit No. 35435-006-SO

Dear Mr. Ford:

In accordance with Permit No. 35435-006-SO, Specific Condition No. 41, the Solid Waste Management Department (SWMD) is submitting the required reporting for the Southeast County Landfill (SELF) and Leachate Treatment and Reclamation Facility (LTRF).

The water quality and leachate reporting for the SELF for the period of July through December 2003 was previously submitted to the DEP in October 2003. Information related to sludge and leachate effluent testing for the LTRF is provided below and is submitted to satisfy the January 15, 2004 reporting requirement.

The LTRF resumed operation in late August 2003. Prior to the commencement of facility operations, a plan was developed to start the LTRF process in stages in order to define the effectiveness of the leachate treatment system for the reduction of cyanide. As the DEP is aware, the LTRF system is a combined biochemical and physicochemical system; the biochemical process reduces biodegradable nutrients in the leachate, and the physicochemical process (activated carbon adsorption) reduces the chemical oxygen demand (refractory organic) content. Because cyanide is amenable to biochemical digestion processes, it was decided to first operate only the biochemical portion of the LTRF treatment system in order to observe the effectiveness of the biological cyanide reduction. After the biochemical process in the LTRF achieved steady-state operating conditions, analytical evaluations were conducted during October and November 2003 (results attached) in which the raw leachate and LTRF effluent were tested for nutrient content, total suspended solids content, and cyanide reduction. Sludge analysis, conducted in accordance with Specific Condition No. 32C, is also attached.

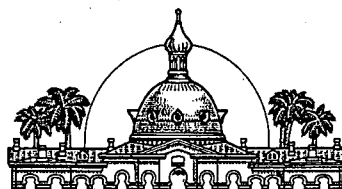
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Web Site: www.hillsboroughcounty.org

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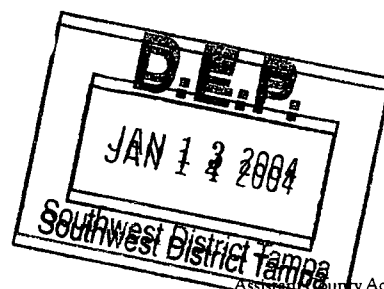
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Hillsborough County
Florida

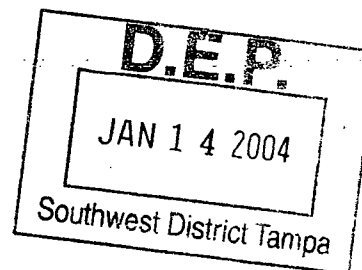
Office of the County Administrator
Patricia G. Bean



Assistant County Administrators

Bernardo Garcia
Carl S. Harness

January 13, 2004



John
Mr. Kim Ford, P. E.
Florida Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
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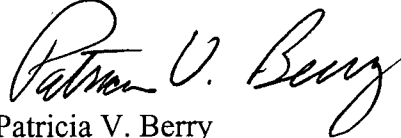
Mr. Kim Ford
January 13, 2004
Page Two

Annual leachate effluent testing, as required by Specific Condition No. 32A, was not completed during the month-long system evaluation, as the LTRF was not fully operating at the original intent of design. As part of the staged LTRF start-up planning, the full complement of leachate effluent and sludge analytical testing was to resume after the start-up of both the biological process and the carbon adsorption process in the LTRF.

The LTRF operations were suspended in early December 2003, and the facility is now being readied for its three-year inspection and tank testing. After the inspections of the LTRF are completed, the treatment facility will resume full operation with both the biochemical and carbon adsorption processes on-line. After the system is at steady-state operating conditions, the annual leachate effluent and sludge testing will be conducted per the permit requirements.

Should you have any questions concerning the information provided, please contact me at the SWMD at 813-276-2908.

Sincerely,

A handwritten signature in black ink, appearing to read "Patricia V. Berry". The signature is fluid and cursive, with the first name "Patricia" being more prominent.

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachments

xc: Ron Cope, EPC
David Adams, SWMD
Larry Ruiz, SCS



Certificate of Analysis Summary 238221
Hillsborough County Solid Waste Management Department, Tampa, FL
Project Name: 15960 CR 672, Lithia, FL



Project Id:

Contact: Matt Matthews

Project Location:

Date Received in Lab: Tue Nov-04-03 09:40 am

Report Date: 13-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238221-001	238221-002				
	<i>Field Id:</i>	INFLUENT	EFFLUENT				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-04-03 09:00	Nov-04-03 09:00				
BOD by EPA 405.1	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-13-03 13:35	Nov-13-03 13:35				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Biochemical Oxygen Demand		65.4 2.00	55.2 2.00				
COD by EPA 410.4	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-06-03 11:00	Nov-06-03 11:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
COD - Chemical Oxygen Demand		700 10.0	329 10.0				
Inorganic Anions by EPA 300	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-06-03 14:00	Nov-06-03 14:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrate		U 0.200	25.4 0.200				
Nitrite		U 0.200	166 0.200				
Nitrogen, Ammonia by EPA 350.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-07-03 09:20	Nov-07-03 09:20				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Ammonia (as N)		263 0.100	0.190 0.100				
Nitrogen, Kjeldahl, Total by EPA 351.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-11-03 09:00	Nov-11-03 09:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Total Kjeldahl		192 1.00	3.96 1.00				
TSS by EPA 160.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-05-03 10:10	Nov-05-03 10:10				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
TSS, Total Suspended Solids		6.00 5.00	45.0 5.00				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238221
Hillsborough County Solid Waste Management Department, Tampa, FL
Project Name: 15960 CR 672, Lithia, FL



Project Id:

Contact: Matt Matthews

Project Location:

Date Received in Lab: Tue Nov-04-03 09:40 am

Report Date: 13-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238221-001	238221-002				
	<i>Field Id:</i>	INFLUENT	EFFLUENT				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-04-03 09:00	Nov-04-03 09:00				
Total Cyanide by EPA 335.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-12-03 07:50	Nov-12-03 07:50				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Cyanide, Total		U 0.004	U 0.004				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238412
Hillsborough County Solid Waste Management Department, Tampa, FL
Project Name: Leachate Plant



Project Id:

Contact: Matt Matthews

Project Location: Leachate Plant

Date Received in Lab: Tue Nov-11-03 12:00 pm


Report Date: 14-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238412-001	238412-002				
	<i>Field Id:</i>	Influent	Effluent				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-11-03 11:45	Nov-11-03 11:45				
COD by EPA 410.4	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-12-03 17:00	Nov-12-03 17:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
COD - Chemical Oxygen Demand		744 10.0	345 10.0				
Inorganic Anions by EPA 300	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-12-03 10:30	Nov-12-03 10:30				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrate		2.03 0.200	88.9 2.00				
Nitrite		U 0.200	U 0.200				
Nitrogen Ammonia by EPA 350.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-12-03 15:00	Nov-12-03 15:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Ammonia (as N)		226 1.00	0.210 0.100				
Nitrogen, Kjeldahl, Total by EPA 351.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-13-03 08:50	Nov-13-03 08:50				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Total Kjeldahl		237 10.0	8.77 1.00				
Phosphorus, All Forms by EPA 365.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-13-03 16:21	Nov-13-03 16:21				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Phosphorus, Total (as P)		0.804 0.050	1.15 0.050				
TSS by EPA 160.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-12-03 13:45	Nov-12-03 13:45				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
TSS, Total Suspended Solids		41.0 5.00	77.1 5.00				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238412
Hillsborough County Solid Waste Management Department, Tampa, FL
Project Name: Leachate Plant



Project Id:

Contact: Matt Matthews

Project Location: Leachate Plant

Date Received in Lab: Tue Nov-11-03 12:00 pm

Report Date: 14-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238412-001	238412-002				
	<i>Field Id:</i>	Influent	Effluent				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-11-03 11:45	Nov-11-03 11:45				
Total Cyanide by EPA 335.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-13-03 13:39	Nov-13-03 13:39				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Cyanide, Total		U 0.004	U 0.004				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238550
Hillsborough County Solid Waste Management Department, Tampa, FL



Project Id:

Contact: Matt Matthews

Project Location: Leachate Plant

Project Name: Leachate Plant

Date Received in Lab: Tue Nov-18-03 11:45 am


Report Date: 25-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238550-001	238550-002				
	<i>Field Id:</i>	Influent	Effluent				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-18-03 11:00	Nov-18-03 11:00				
COD by EPA 410.4	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-19-03 13:25	Nov-19-03 13:25				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
COD - Chemical Oxygen Demand		739 10.0	516 10.0				
Inorganic Anions by EPA 300	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-19-03 10:30	Nov-19-03 10:30				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrate		U 0.200	U 0.200				
Nitrite		U 0.200	U 0.200				
Nitrogen, Ammonia by EPA 350.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-20-03 08:25	Nov-20-03 08:25				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Ammonia (as N)		230 0.100	0.200 0.100				
Nitrogen, Kjeldahl, Total by EPA 351.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-20-03 10:20	Nov-20-03 10:20				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Total Kjeldahl		193 1.00	9.01 1.00				
Phosphorus, All Forms by EPA 365.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-21-03 13:27	Nov-21-03 13:27				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Phosphorus, Total (as P)		1.28 0.250	4.51 0.500				
TSS by EPA 160.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-19-03 10:40	Nov-19-03 10:40				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
TSS, Total Suspended Solids		50.0 5.00	75.6 5.00				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238550
Hillsborough County Solid Waste Management Department, Tampa, FL



Project Id:

Contact: Matt Matthews

Project Location: Leachate Plant

Project Name: Leachate Plant

Date Received in Lab: Tue Nov-18-03 11:45 am

Report Date: 25-NOV-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238550-001	238550-002				
	<i>Field Id:</i>	Influent	Effluent				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-18-03 11:00	Nov-18-03 11:00				
Total Cyanide by EPA 335.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-25-03 14:48	Nov-25-03 14:48				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Cyanide, Total		U 0.004	U 0.004				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238723
Hillsborough County Solid Waste Management Department, Tampa, FL
Project Name: Leachate Plant



Project Id:
Contact: Matt Matthews
Project Location: Leachate Plant

Date Received in Lab: Tue Nov-25-03 08:37 am

Report Date: 03-DEC-03

Project Manager: Tom Helton

<i>Analysis Requested</i>	<i>Lab Id:</i>	238723-001	238723-002				
	<i>Field Id:</i>	Influent	Effluent				
	<i>Depth:</i>						
	<i>Matrix:</i>	WATER	WATER				
	<i>Sampled:</i>	Nov-25-03 00:00	Nov-25-03 00:00				
COD by EPA 410.4	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-26-03 12:00	Nov-26-03 12:00				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
COD - Chemical Oxygen Demand		700 10.0	327 10.0				
Inorganic Anions by EPA 300	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-26-03 14:25	Nov-26-03 14:25				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrate		0.781 0.200	U 0.200				
Nitrite		U 0.200	U 0.200				
Nitrogen, Ammonia by EPA 350.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-01-03 09:45	Dec-01-03 09:45				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Ammonia (as N)		287 0.100	0.170 0.100				
Nitrogen, Kjeldahl, Total by EPA 351.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-02-03 08:25	Dec-02-03 08:25				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Nitrogen, Total Kjeldahl		84.1 1.00	3.87 1.00				
Phosphorus, All Forms by EPA 365.3	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-03-03 09:09	Dec-03-03 09:09				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
Phosphorus, Total (as P)		0.606 0.500	1.94 0.500				
TSS by EPA 160.2	<i>Extracted:</i>						
	<i>Analyzed:</i>	Nov-26-03 11:20	Nov-26-03 11:20				
	<i>Units/RL:</i>	mg/L RL	mg/L RL				
TSS, Total Suspended Solids		40.0 5.00	71.3 5.00				

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Tom Helton
Laboratory Manager



Certificate of Analysis Summary 238723
Hillsborough County Solid Waste Management Department, Tampa, FL



Project Id:

Contact: Matt Matthews

Project Location: Leachate Plant

Project Name: Leachate Plant

Date Received in Lab: Tue Nov-25-03 08:37 am

Report Date: 03-DEC-03

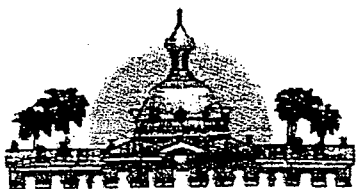
Project Manager: Tom Helton

Analysis Requested	Lab Id:	238723-001	238723-002				
	Field Id:	Influent	Effluent				
	Depth:						
	Matrix:	WATER	WATER				
Total Cyanide by EPA 335.2	Sampled:	Nov-25-03 00:00	Nov-25-03 00:00				
	Extracted:						
	Analyzed:	Dec-02-03 08:54	Dec-02-03 08:54				
	Units/RL:	ug/L RL	ug/L RL				
Cyanide, Total		U 4.00	U 4.00				

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Tom Helton
Laboratory Manager



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

	DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE		
	THURSDAY	02 OCT 03	BULLOCK	0800	1600		
	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	819	454					430
Suspended Solids	780	710	7800	OR	2830	4440	710
Ammonia	91	8.8					2.4
Nitrate, Pulled		59					6.9
Phosphorus		NR					NR
D.O.			2.34		6.23		
PH	7.43		7.62		8.33		8.11
Sludge Judge (DOB)				14"		12"	
Settlability			940		220		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

EFFLUENT BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.43			

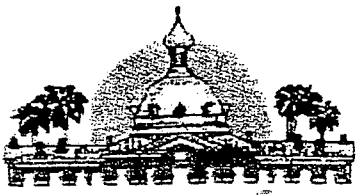
TEST FREQUENCY:

COD
Suspended Solids
Ammonia
Phosphorus
PH
Settlability

Wednesday and Friday
Tuesday, Thursday
Monday, Friday
Tuesday, Friday
Daily
Daily

TKN
Nitrate
D.O.
Sludge Judge
Effluent Basin

Tuesday and Thursday
Daily
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
SUNDAY	05 OCT 03	BULLOCK	0800	1600

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	NR	NR					NR
Suspended Solids	670	650	8010	9990	2580	3810	620
Ammonia	119	0.856					0.953
Nitrate, Pulled		282					46
Phosphorus		NR					NR
D.O.			3.51		6.25		
PH	7.44		7.73		8.34		8.24
Sludge Judge (DOB)				14"		11"	
Settlability			830		200		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

EFFLUENT BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.90			

TEST FREQUENCY:

COD	Wednesday and Friday
Suspended Solids	Tuesday, Thursday
Ammonia	Monday, Friday
Phosphorus	Tuesday, Friday
PH	Daily
Settlability	Daily

TKN
Nitrate
D.O.
Sludge Judge
Effluent Basin

Tuesday and Thursday
Daily
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
Thursday	16OCT 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	NR	NR					NR
Suspended Solids	710	560	6800	7400	2980	8740	580
Ammonia	129	4.5					4.1
Nitrate, Pulled		55					77
Phosphorus		NR					NR
D.O.			2.8		6.81		
PH	7.36		7.70		8.13		8.08
Sludge Judge (DOB)				10"		6"	
Settlability			780		430		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.26			

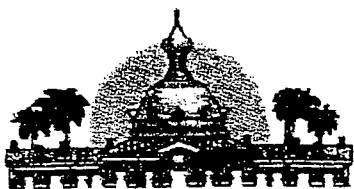
TEST FREQUENCY:

COD
Suspended Solids
Ammonia
Phosphorus

Wednesday and Friday
Tuesday, Thursday
Monday, Friday
Tuesday, Friday

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
Tuesday	21OCT 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	NR	NR					NR
Suspended Solids	210	120	5000	7750	3350	5380	100
Ammonia	223	4.3					3.7
Nitrate, Pulled		98					83
Phosphorus		NR					NR
D.O.			2.15		2.18		
PH	7.33		7.50		7.62		7.63
Sludge Judge (DOB)				16"		11"	
Settlability			870		660		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
7.92			

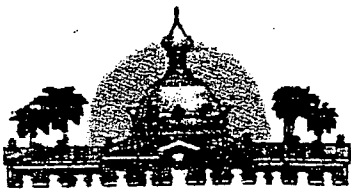
TEST FREQUENCY:

COD
Suspended Solids
Ammonia
Phosphorus

Wednesday and Friday
Tuesday, Thursday
Monday, Friday
Tuesday, Friday

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
Thursday	30OCT 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	NR	NR					NR
Suspended Solids	480	410	5370	7160	2540	4520	510
Ammonia	1.48	4.1					4.3
Nitrate, Pulled		173					26
Phosphorus		NR					NR
D.O.			3.0		3.7		
PH	7.64		7.82		8.35		8.15
Sludge Judge (DOB)				26"		6"	
Settlability			690		350		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT.						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.32			

TEST FREQUENCY:

COD *Wednesday and Friday*
Suspended Solids *Tuesday, Thursday*
Ammonia *Monday, Friday*
Phosphorus *Tuesday, Friday*

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

MONDAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
	3NOV 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD							
Suspended Solids	580	510	5310	5380	3040	5110	530
Ammonia	149	5.4					4.0
Nitrate, Pulled		120					72
Phosphorus		NR					NR
D.O.			3.2		2.2		
PH	7.38		7.67		7.77		7.91
Sludge Judge (DOB)				26"		11"	
Settlability			550 separation		700		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

POND BASIN

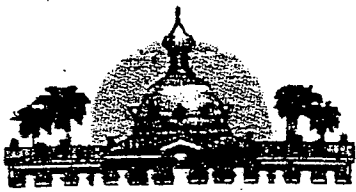
PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.36			

TEST FREQUENCY:

COD *Wednesday and Friday*
Suspended Solids *Tuesday, Thursday*
Ammonia *Monday, Friday*
Phosphorus *Tuesday, Friday*

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
Monday	10 NOV 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	NR	NR					NR
Suspended Solids	410	210	5280	5870	2710	6320	830
Ammonia	199	4.6					2.6
Nitrate, Pulled		130					3.9
Phosphorus		NR					NR
D.O.			2.54				
PH	7.59		7.42		7.91		7.97
Sludge Judge (DOB)				30"		12"	
Settlability			0		850		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT.						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.13			

TEST FREQUENCY:

COD
Suspended Solids
Ammonia
Phosphorus

Wednesday and Friday
Tuesday, Thursday
Monday, Friday
Tuesday, Friday

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE
Tuesdat	18NOV 03	Bullock	0700	1530

	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	981	451					Under range
Suspended Solids	920	980	4090	6820	2970	5380	880
Ammonia	118	5.5					4.0
Nitrate, Pulled		142					11
Phosphorus		NR					NR
D.O.			2.85		1.63		
PH	7.42		7.91		8.98		8.74
Sludge Judge (DOB)				14"		11"	
Settlability			1000		570		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE

TEST FREQUENCY:

COD

Suspended Solids

Ammonia

Phosphorus

Wednesday and Friday

Tuesday, Thursday

Monday, Friday

Tuesday, Friday

TKN

Nitrate

D.O.

Sludge Judge

Tuesday and Thursday

Daily

Daily

Daily



Hillsborough County Southeast Landfill Leachate Treatment Facility Daily Operational Readings – Plant Analysis

	DAY	DATE	OPERATOR	TIME ON-SITE	TIME LEFT SITE		
	Monday	24NOV 03	Bullock	0700	1530		
	INFLUENT	1 ST STAGE EFFLUENT	1 ST STAGE MIXED LIQUOR	1 ST STAGE RETURN SLUDGE	2 ND STAGE MIXED LIQUOR	2 ND STAGE RETURN SLUDGE	EFFLUENT CCC
COD	949	592					226
Suspended Solids			3100		2500		
Ammonia	104	4.6					4.5
Nitrate, Pulled		158					0.195
Phosphorus		NR					NR
D.O.			1.67		3.66		
PH	7.50		7.54		8.67		8.69
Sludge Judge (DOB)				24"		12"	
Settlability			990		980		
BOD, Date Pulled	SENT OUT						SENT OUT
TKN, Date Pulled	SENT OUT						SENT OUT

POND BASIN

PH	SLOPE	ALKALINITY	RESIDUAL CHLORINE
8.50			

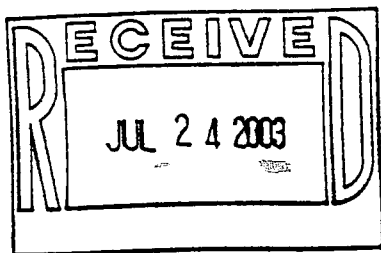
TEST FREQUENCY:

COD
Suspended Solids
Ammonia
Phosphorus

Wednesday and Friday
Tuesday, Thursday
Monday, Friday
Tuesday, Friday

TKN
Nitrate
D.O.
Sludge Judge

Tuesday and Thursday
Daily
Daily
Daily



ANALYTICAL REPORT

ELAB, Inc.

Date: 11-Jul-03

CLIENT: Hillsborough County Solid Waste
Lab Order: F03060484
Project: Southeast Leachate Treatment Plant Monitoring
Lab ID: F03060484-001

Client Sample ID: TR Plant - Waste Sludge
Collection Date: 6/17/2003 9:34:00 AM
Sample Description:
Matrix: Sludge

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
SOLIDS, PERCENT MOISTURE								
	D2216		PrepDate:				Analyst: MDE	
Percent Moisture	44.64		0		wt%	1	6/18/2003	R16044
MERCURY, TCLP								
	SW1311/74		PrepDate: 6/26/2003 9:30:00 AM				Analyst: TPE	
Mercury	ND		0.00052	0.0020	mg/L	1	6/27/2003	11910
METALS, TCLP								
	SW1311/60		PrepDate: 6/26/2003 9:05:00 AM				Analyst: TPE	
Arsenic	0.019		0.0027	0.0050	mg/L	1	6/27/2003 8:02:00 PM	11909
Barium	0.033	V	0.00018	0.010	mg/L	1	6/27/2003 8:02:00 PM	11909
Cadmium	0.0020		0.00045	0.0010	mg/L	1	6/27/2003 8:02:00 PM	11909
Chromium	0.015		0.00066	0.0050	mg/L	1	6/27/2003 8:02:00 PM	11909
Lead	ND		0.0015	0.0050	mg/L	1	6/27/2003 8:02:00 PM	11909
Selenium	0.015		0.0028	0.0050	mg/L	1	6/27/2003 8:02:00 PM	11909
Silver	0.0043	I	0.0012	0.010	mg/L	1	6/27/2003 8:02:00 PM	11909
8081/1311: PESTICIDES, TCLP								
	SW1311/80		PrepDate: 7/3/2003 1:30:00 PM				Analyst: SBA	
alpha-BHC	ND		0.000030	0.000050	mg/L	1	7/7/2003	11980
beta-BHC	ND		0.00011	0.00020	mg/L	1	7/7/2003	11980
Chlordane	ND		0.0014	0.0050	mg/L	1	7/7/2003	11980
Endrin	ND		0.00016	0.0010	mg/L	1	7/7/2003	11980
gamma-BHC	ND		0.00014	0.00050	mg/L	1	7/7/2003	11980
Heptachlor	ND		0.00016	0.0020	mg/L	1	7/7/2003	11980
Heptachlor epoxide	ND		0.00014	0.00050	mg/L	1	7/7/2003	11980
Methoxychlor	ND		0.00011	0.0010	mg/L	1	7/7/2003	11980
Toxaphene	ND		0.0013	0.0050	mg/L	1	7/7/2003	11980
Surr: Decachlorobiphenyl	89.1		0		%REC	1	7/7/2003	11980
Surr: Tetrachloro-m-xylene	69.2		0		%REC	1	7/7/2003	11980
8151/1311: HERBICIDES, TCLP								
	SW1311/81		PrepDate: 6/26/2003 8:30:00 AM				Analyst: EM	
2,4,5-TP (Silvex)	ND		0.00030	0.0020	mg/L	1	6/27/2003	11900
2,4-D	ND		0.0015	0.0020	mg/L	1	6/27/2003	11900
Surr: DCAA	79.4		0		%REC	1	6/27/2003	11900

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 L Value above quantitation range
 I Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

V Analyte detected in the associated Method Blank
 Q Holding times for preparation or analysis exceeded
 U Not Detected at the Reporting Limit



ANALYTICAL REPORT

ELAB, Inc.

Date: 11-Jul-03

CLIENT: Hillsborough County Solid Waste
Lab Order: F03060484
Project: Southeast Leachate Treatment Plant Monitoring
Lab ID: F03060484-001

Client Sample ID: TR Plant - Waste Sludge
Collection Date: 6/17/2003 9:34:00 AM
Sample Description:
Matrix: Sludge

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260/1311: VOLATILES, TCLP								
	SW1311/82		PrepDate: 7/2/2003				Analyst: LGO	
1,1-Dichloroethene	ND		0.0010	0.010	mg/L	10	7/3/2003	12092
1,2-Dichloroethene	ND		0.0010	0.010	mg/L	10	7/3/2003	12092
1,4-Dichlorobenzene	ND		0.0010	0.010	mg/L	10	7/3/2003	12092
2-Butanone	ND		0.0029	0.20	mg/L	10	7/3/2003	12092
Benzene	ND		0.0031	0.010	mg/L	10	7/3/2003	12092
Carbon tetrachloride	ND		0.0025	0.010	mg/L	10	7/3/2003	12092
Chlorobenzene	ND		0.0010	0.010	mg/L	10	7/3/2003	12092
Chloroform	ND		0.0028	0.010	mg/L	10	7/3/2003	12092
Tetrachloroethene	ND		0.0011	0.010	mg/L	10	7/3/2003	12092
Trichloroethene	ND		0.0015	0.010	mg/L	10	7/3/2003	12092
Vinyl chloride	ND		0.0014	0.010	mg/L	10	7/3/2003	12092
Surr: 4-Bromofluorobenzene	117		0		%REC	10	7/3/2003	12092
Surr: Dibromofluoromethane	105		0		%REC	10	7/3/2003	12092
Surr: Toluene-d8	101		0		%REC	10	7/3/2003	12092
8270/1311: SEMIVOLATILES, TCLP								
	SW1311/82		PrepDate: 7/3/2003 4:00:00 PM				Analyst: TKA	
1,4-Dichlorobenzene	ND		0.0010	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
2,4,5-Trichlorophenol	ND		0.0017	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
2,4,6-Trichlorophenol	ND		0.00093	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
2,4-Dinitrotoluene	ND		0.0014	0.13	mg/L	1	7/9/2003 12:50:00 AM	12089
Hexachlorobenzene	ND		0.00059	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
Hexachlorobutadiene	ND		0.00098	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
Hexachloroethane	ND		0.015	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
m&p-Cresol	ND		0.0021	0.10	mg/L	1	7/9/2003 12:50:00 AM	12089
Nitrobenzene	ND		0.0014	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
o-Cresol	ND		0.0015	0.050	mg/L	1	7/9/2003 12:50:00 AM	12089
Pentachlorophenol	ND		0.0014	0.20	mg/L	1	7/9/2003 12:50:00 AM	12089
Pyridine	ND		0.00091	0.20	mg/L	1	7/9/2003 12:50:00 AM	12089
Surr: 2,4,6-Tribromophenol	56.9		0		%REC	1	7/9/2003 12:50:00 AM	12089
Surr: 2-Fluorobiphenyl	53.3		0		%REC	1	7/9/2003 12:50:00 AM	12089

Qualifiers: * Value exceeds Maximum Contaminant Level
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U Not Detected at the Reporting Limit



ANALYTICAL REPORT

ELAB, Inc.

Date: 11-Jul-03

CLIENT: Hillsborough County Solid Waste
Lab Order: F03060484
Project: Southeast Leachate Treatment Plant Monitoring
Lab ID: F03060484-001

Client Sample ID: TR Plant - Waste Sludge
Collection Date: 6/17/2003 9:34:00 AM
Sample Description:
Matrix: Sludge

Analyses	Result	Qual	-MDL	RL	Units	DF	Date Analyzed	Batch ID
8270/1311: SEMIVOLATILES, TCLP	SW1311/82		PrepDate: 7/3/2003 4:00:00 PM				Analyst: TKA	
Surr: 2-Fluorophenol	28.0		0		%REC	1	7/9/2003 12:50:00 AM	12089
Surr: Nitrobenzene-d5	58.1		0		%REC	1	7/9/2003 12:50:00 AM	12089
Surr: Phenol-d6	18.5		0		%REC	1	7/9/2003 12:50:00 AM	12089
Surr: p-Terphenyl-d14	68.0		0		%REC	1	7/9/2003 12:50:00 AM	12089

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- L Value above quantitation range
- I Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- V Analyte detected in the associated Method Blank
- Q Holding times for preparation or analysis exceeded
- U Not Detected at the Reporting Limit

**HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE
COC SHEET SOUTHEAST LEACHATE TREATMENT PLANT MONITORING PROGRAM**

PRECLEANED SAMPLE CONTAINERS:

RELINQUISHED BY: <u>CL</u>	REP. OF CONTRACT LAB.	DATE TIME
ACCEPTED BY: <u>DC</u>	REP. OF COMMON CARRIER	<u>6-12-03 5:00</u>
RELINQUISHED BY: <u>[Signature]</u>	REP. OF COMMON CARRIER	<u>6-13-03 3:00P</u>
ACCEPTED BY: <u>[Signature]</u>	REP. OF SOLID WASTE DEPT.	<u>6-13-03 3:05P</u>

LOCATION: TR. PLANT - WASTE SLUDGE

SAMPLE MATRIX: SLUDGE

PERSONAL ENGAGED IN SAMPLE COLLECTION: [Signature] | [Signature]

FIELD PARAMETERS N/A:

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED	
				DATE	TIME
	BACTERIA	NA2SO4 NONE	100 ml. POLY BAG		
	CARBAMATE	1 ml. MCA	40 ml. SEPTUM VIAL		
	CYANIDE	2 ml. NaOH	500 ml. PLASTIC		
	DIQUAT	2 ml. H2SO4	500 ml. PLASTIC		
	EDB	NONE	40 ml. SEPTUM VIAL		
<u>2</u>	GENERAL	NONE - <u>GLASS 202+ 902.32 03</u>	<u>PLASTIC</u>	<u>6-17-03</u>	<u>934A</u>
	GLYPHOSATE	NONE	40 ml. SEPTUM VIAL		
	METALS	2 ml. HNO3	1000 ml. PLASTIC		
	NUTRIENTS	2 ml. H2SO4	500 ml. PLASTIC		
	ORGANICS	NONE	4 ltr. AMBER GLASS		
	PHENOL	4 ml. H2SO4	120 ml. AMBER GLASS		
	RADIOLOGY	10 ml. HNO3	1 Gal. PLASTIC		
	VOC	1:1 HCL	40 ml. SEPTUM VIAL		
	ZDA 505	NONE	40 ml. SEPTUM VIAL		

2 TOTAL No. OF SAMPLES COLLECTED:

ANALYSES REQUESTED:

FULL TCLP

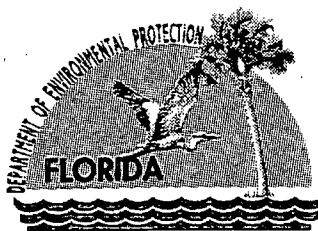
PRESERVED SAMPLES PH < 2.0 N/A SAMPLE STORAGE: COOLER & ICE TO 4.0 C

ABOVE LISTED SAMPLES:

RELINQUISHED BY: <u>[Signature]</u>	REP. OF SOLID WASTE DEPT.	DATE TIME
ACCEPTED BY: <u>[Signature]</u>	REP. OF COMMON CARRIER	<u>6-17-03 200P</u>
RELINQUISHED BY: <u>[Signature]</u>	REP. OF COMMON CARRIER	<u>6-17-03 200P</u>
ACCEPTED BY: <u>[Signature]</u>	REP. OF CONTRACT LAB.	<u>06/18/03 09:40</u>

COMMON CARRIER UTILIZED: GREYHOUND BUS LINES OTHER: _____

COMMENT'S: _____



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Daryl Smith, Director
Hillsborough County Solid Waste
P.O. Box 1110
Tampa, Fl. 33601

December 31, 2003

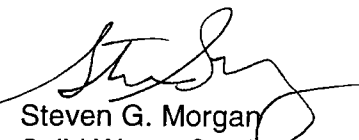
RE: Hillsborough County Southeast Landfill, Financial Assurance Cost Estimates
Permit No.: 35435-006-SO, Class I
126787-001-WT, WTPF

Dear Mr. Smith:

This letter is to acknowledge receipt of the revised cost estimates dated October 16, 2003 (received October 21, 2003), additional information dated October 30, 2003 (received November 3, 2003), and additional information received via fax on December 16, 2003, prepared by SCS Engineers for closure and long-term care of the Hillsborough County Southeast Landfill (Phases I-VI) and closure of the associated waste tire processing facilities. The revised cost estimates received October 21, 2003 (total for closing \$13,852,100.00 and long-term care \$1,494,000.00/year x 30 years= \$44,820,000.00), are **APPROVED for 2003**. Please note that these estimates are acceptable for Phases I-VI (162.5 acres) and for a maximum of 3600 tons of waste tires at the waste tire processing facility. The next annual update (revised or inflation-adjusted estimates) is due no later than September 1, 2004.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (813) 744-6100 ext. 385.

Sincerely,


Steven G. Morgan
Solid Waste Section
Southwest District

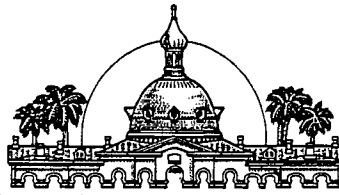
sgm

cc: Sheila Carpenter-van Dijk, SCS Engineers, 3012 U.S. Highway 301 North, Suite 700, Tampa, Florida
33619-2242
Fred Wick, FDEP, Tallahassee, w/attachment
Kim Ford, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa

"More Protection, Less Process"

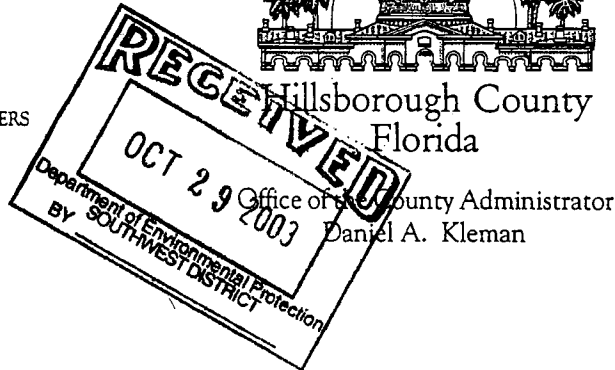
Printed on recycled paper.

Susan
STEPHANIE



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Carl S. Hamess

October 27, 2003

Mr. Rama Iyer
Hillsborough County Environmental Protection Commission
1410 N 21st St
Tampa, FL 33605

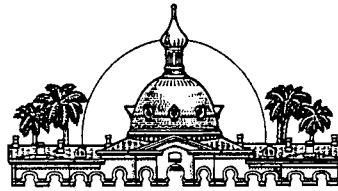
Subject: Semi-Annual SOC - Southeast County Landfill
Permit No. 0570854-001-AV

Dear Mr. Iyer:

Based on our October 21, 2003 discussion and your e-mail of the same date, the Hillsborough County Solid Waste Department (SWMD) is providing the attached semi-annual Statement of Compliance (SOC) for the Southeast County Landfill. The SOC pertains to the time period of January 1, 2003 through June 30, 2003.

While the SWMD does not necessarily agree with the Environmental Protection Commission's (EPC) interpretation of the reporting requirement, the SWMD understands that the EPC's intention is to implement the requirement on a uniform basis to all Title V facilities in the County.

As discussed, submittal of the semi-annual SOC satisfies the requirement of the rule and closes Warning Notice 2003-0383A for the Southeast County Landfill.



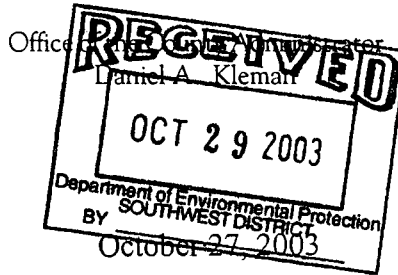
Hillsborough County
Florida

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Mr. Rama Iyer
Hillsborough County Environmental Protection Commission
1410 N 21st St
Tampa, FL 33605

Subject: Semi-Annual SOC - Southeast County Landfill
Permit No. 0570854-001-AV

Dear Mr. Iyer:

Based on our October 21, 2003 discussion and your e-mail of the same date, the Hillsborough County Solid Waste Department (SWMD) is providing the attached semi-annual Statement of Compliance (SOC) for the Southeast County Landfill. The SOC pertains to the time period of January 1, 2003 through June 30, 2003.

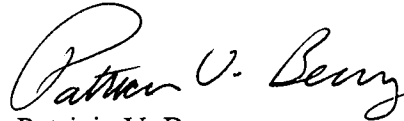
While the SWMD does not necessarily agree with the Environmental Protection Commission's (EPC) interpretation of the reporting requirement, the SWMD understands that the EPC's intention is to implement the requirement on a uniform basis to all Title V facilities in the County.

As discussed, submittal of the semi-annual SOC satisfies the requirement of the rule and closes Warning Notice 2003-0383A for the Southeast County Landfill.

Mr. Rama Iyer
October 27, 2003
Page 2

Should you have any questions or require additional information, please contact me at 276-2908.

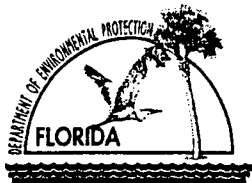
Sincerely,

A handwritten signature in cursive script that reads "Patricia V. Berry".

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachment

Cc: Matt Matthews, SWMD
Larry Ruiz, SCS
Jerry Campbell, EPC
Paul Schipfer, EPC
Kim Ford, FDEP
David Zell, FDEP



Department of Environmental Protection

Division of Air Resource Management

STATEMENT OF COMPLIANCE - TITLE V SOURCE

REASON FOR SUBMISSION (Check one to indicate why this statement of compliance is being submitted)

☐ Annual Requirement ☐ Transfer of Permit ☐ Permanent Facility Shutdown

REPORTING PERIOD*	REPORT DEADLINE**
January 01 through June 30 of 2003 (year)	September 1, 2003

*The statement of compliance must cover all conditions that were in effect during the indicated reporting period, including any conditions that were added, deleted, or changed through permit revision.

**See Rule 62-213.440(3)(a)2., F.A.C.

Facility Owner/Company Name: Hillsborough County Solid Waste Management Department

Site Name: Southeast County Landfill Facility ID No. 0570854 County: Hillsborough

COMPLIANCE STATEMENT (Check only one of the following three options)

- ☒ **A.** This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, and there were no reportable incidents of deviations from applicable requirements associated with any malfunction or breakdown of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above.
- ☐ **B.** This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part; however, there were one or more reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each incident of deviation, the following information is included:
1. Date of report previously submitted identifying the incident of deviation.
 2. Description of the incident.
- ☐ **C.** This facility was in compliance with all terms and conditions of the Title V Air Operation Permit and, if applicable, the Acid Rain Part, EXCEPT those identified in the pages attached to this report and any reportable incidents of deviations from applicable requirements associated with malfunctions or breakdowns of process, fuel burning or emission control equipment, or monitoring systems during the reporting period identified above, which were reported to the Department. For each item of noncompliance, the following information is included:
1. Emissions unit identification number.
 2. Specific permit condition number (note whether the permit condition has been added, deleted, or changed during certification period).
 3. Description of the requirement of the permit condition.
 4. Basis for the determination of noncompliance (for monitored parameters, indicate whether monitoring was continuous, i.e., recorded at least every 15 minutes, or intermittent).
 5. Beginning and ending dates of periods of noncompliance.
 6. Identification of the probable cause of noncompliance and description of corrective action or preventative measures implemented.
 7. Dates of any reports previously submitted identifying this incident of noncompliance.

For each incident of deviation, as described in paragraph B. above, the following information is included:

1. Date of report previously submitted identifying the incident of deviation.
2. Description of the incident.

STATEMENT OF COMPLIANCE - TITLE V SOURCE

RESPONSIBLE OFFICIAL CERTIFICATION

I, the undersigned, am a responsible official (Title V air permit application or responsible official notification form on file with the Department) of the Title V source for which this document is being submitted. With respect to all matters other than Acid Rain program requirements, I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.

Daryl H. Smith
(Signature of Title V Source Responsible Official)

10/27/03
(Date)

Name: Daryl H. Smith

Title: Solid Waste Director

DESIGNATED REPRESENTATIVE CERTIFICATION (only applicable to Acid Rain source)

I, the undersigned, am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

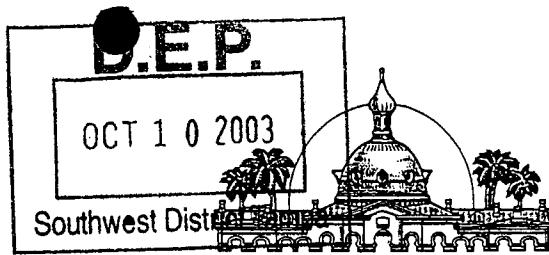
(Signature of Acid Rain Source Designated Representative)

(Date)

Name: _____

Title: _____

{Note: Attachments, if required, are created by a responsible official or designated representative, as appropriate, and should consist of the information specified and any supporting records. Additional information may also be attached by a responsible official or designated representative when elaboration is required for clarity. This report is to be submitted to both the compliance authority (DEP district or local air program) and the U.S. Environmental Protection Agency(EPA) (U.S. EPA Region 4, Air and EPCRA Enforcement Branch, 61 Forsyth Street, Atlanta GA 30303).}



Susan

BOARD OF COUNTY COMMISSIONERS

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Ronda Storms

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Kathy C. Harris
Edwin J. Hunzeker

October 8, 2003

Mr. Rama Iyer
Hillsborough County Environmental Protection Commission
1410 N 21st St
Tampa, FL 33605

Subject: Warning Notice 2003-0383A - Southeast County Landfill
Permit No. 0570854-001-AV

Dear Mr. Iyer:

The Hillsborough County Solid Waste Department (SWMD) is in receipt of the referenced October 2, 2003 Environmental Protection Commission (EPC) Warning Notice (copy attached) for the Southeast County Landfill (SCLF). The SWMD believes that the information provided by the EPC does not constitute a violation, as alleged, for the following reasons:

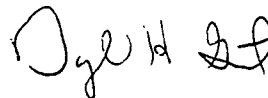
- As you are aware, the SCLF is designated as a fugitive emissions source. The SCLF does not have a landfill gas (LFG) system in place to be monitored. Therefore, the requirements of our Title V Permit Specific Condition No. 44, Appendix TV-1, to submit monitoring reports every six months, are not applicable. The SWMD cannot be in violation of this condition since there is no system to monitor or to report on.
- The SWMD prepares annual operating reports for air emissions as required by Specific Condition No. 23, Appendix TV-1. These reports have been submitted to both the Florida Department of Environmental Protection (FDEP) and the EPC.
- In accordance with the SCLF Solid Waste Operation Permit, Specific Conditions Nos. 19, 20, and 21, the SWMD conducts quarterly monitoring of the perimeter LFG monitoring probes. The results of these monitoring events are submitted to Mr. Kim Ford of the FDEP and Mr. Ron Cope of the EPC. Since the referenced monitoring reports have been submitted to EPC, please advise if you require additional copies or if, in the future, the reports should be submitted to EPC personnel other than Mr. Ron Cope.

Mr. Rama Iyer
October 8, 2003
Page 2

Therefore, based on the information provided, the SWMD believes that Warning Notice No. 2003-0383A was issued erroneously and requests that it be rescinded by the EPC.

Should you have any questions or require additional information, please contact Patricia V. Berry of the SWMD at 276-2908.

Sincerely,

A handwritten signature in dark ink, appearing to read "Daryl H. Smith". The signature is fluid and cursive, with the first name "Daryl" being the most prominent.

Daryl H. Smith
Director
Solid Waste Management Department

Attachment

Cc: Patricia V. Berry, SWMD
Jerry Campbell, EPC
Paul Schipfer, EPC
Kim Ford, FDEP
David Zell, FDEP

Richard D. Garrity, Ph.D.
Executive Director
(813) 272-5960



2003-0383A

Date Issued: 10/2/2003

S 18 T 29 R 20

Environmental Protection Commission of Hillsborough County

RECEIVED
OCT - 3 2003

WARNING NOTICE

Responsible Party: Hillsborough County Solid Waste Management - Daryl H. Smith

Mailing Address: County Center 24th Floor, 601 E. Kennedy Blvd.
Tampa, FL, 33602

Phone: 272-5680

Location of alleged violation: 15960 CR 572 Picnic, Florida

Day and time of alleged violation: September 1, 2003

Alleged violation pursuant to:

Chapter 84-446 Laws of Florida (Act):

Other:
Rule 62-213.440(1)(b)3.a, F.A.C.
Chapter 1-3.21(3), Rules of the EPC.
Specific Condition No. 44 of Appendix TV-1 of Permit No. 0570854-001-AV.

The violations here alleged may not include possible concurrent violations of other applicable environmental laws; local, state or federal including those of the Environmental Protection Commission. Facts believed to constitute alleged violation:

Failure to submit semi-annual monitoring report for January 01 thru June 30, 2003.

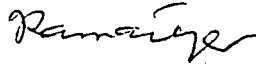
By copy of this Notice, the responsible party is informed that Commission staff believes that based upon the information available, a violation may have occurred. If substantiated, appropriate administrative or legal action will occur to assure compliance with the Environmental Protection Act of Hillsborough County and the Rules of the Environmental Protection Commission of Hillsborough County. If you believe that the above does not constitute a violation as alleged, you are encouraged to immediately contact the Investigator named below. If the violation is substantiated, cooperative resolution and correction may avoid enforcement action in this matter.

Note:

Because continuation of violation subsequent to this Notice may be considered to be an intentional violation, it is recommended that you cease the above activity and until this matter is resolved you:

Please respond within 15 days of receipt of this notice. This matter may be referred to enforcement.

Investigator:


Rama Iyer
(813) 272-5960

Delivered by: 7003 0500 0001 9183 6274
CC:

Superior Client Service :

SCS ENGINEERS

3012 U. S. Highway 301 N., Suite 700
Tampa, FL 33619
(813) 621-0080
Fax (813) 623-6757

SCS ENGINEERS

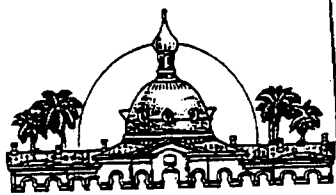
facsimile transmittal

To: Kim Ford Phone: _____
Company: FDEP Fax: _____
From: Larry Ruiz Date: 10/6/03
Re: SCUF turbidity Pages: 6
cc: _____ Project No. 09200020.14

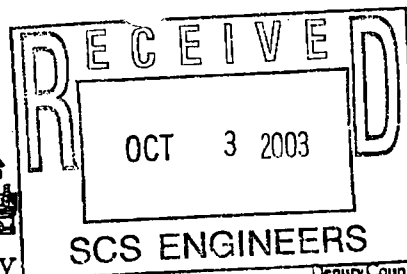
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☒ For your files.

Notes:



Hillsborough County
Florida



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Assistant County Administrators
Kathy C. Harris
Edwin J. Hunzeker

October 1, 2003

Ms. Stephanie Petro
Enforcement Coordinator
Waste Management Section
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

**RE: Southeast County Landfill
Six Month Evaluation of Improvements to
Reduce Turbidity in Long Flat Creek**

Dear Ms. Petro:

In accordance with the Special Condition 28(f) of the Florida Department of Environmental Protection (FDEP) Operations Permit No. 35435-006-SO, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the required evaluation of the effectiveness of the turbidity control measures that were and continue to be implemented at the Southeast County Landfill (SCLF). The SWMD has worked with our SCLF contractor, Waste Management Inc. of Florida (WMIF), to implement the improvements to the storm water management system at the site.

As you are aware, WMIF implemented several temporary and permanent measures designed to reduce turbidity in the storm water and surface water at the SCLF. All the preventative measures taken to date were detailed in a previous letter prepared by WMIF. WMIF's storm water improvement plan addressed future maintenance and repair measures and any action trigger to implement those measures. The effectiveness of the measures implemented have been evaluated by the SWMD over the past six month period.

Ms. Stephanie Petro
October 1, 2003
Page 2

Additionally, the contractor for the construction of the landfill expansion area at the SCLF, Handex Construction Services, Inc. (Handex), implemented several preventative measures to reduce turbidity in the storm water and surface water at and around the area under construction. Additional preventative measures will be evaluated and implemented as needed to accommodate construction of additional expansion sections.

Beginning January 15, 2003, the SWMD began sampling the three surface water sampling points along Long Flat Creek for turbidity following significant rainfall events and daily thereafter until the turbidity at our discharge point was observed to be in compliance with the surface water standards. The three surface water sampling locations 3A, 3B2B, and 3C2 are depicted on the attached site map. All turbidity readings have been reported to the FDEP on a monthly schedule in accordance with conditions set forth in the FDEP's April 3, 2003 Approval of Corrective Action Plan letter.

The SWMD has recorded turbidity levels in Long Flat Creek over the required six month period. With the exception of one reading above the surface water standard on June 22, 2003 in the discharge sampling point 3C2, all of the turbidity readings have been well within the compliance value. It is readily apparent that the SWMD, in cooperation with their contractors, has thoroughly addressed the issue of reducing storm water impacts to Long Flat Creek, and the improvements to the system have proven to be very effective in reducing turbidity.

It should be noted that the SWMD is continuing to work towards improving the storm water management system at the site, and will continue with this approach into the future. An additional improvement plan has been proposed to the FDEP and is currently being evaluated for approval. This improvement would direct the discharge from Basin A toward Basin B, and subsequently through the entire storm water management/treatment system at the site.

Based on our findings and the knowledge gained during this evaluation period, the SWMD proposes to continue with the monitoring of turbidity readings at the three surface water sampling locations along Long Flat Creek on a monthly schedule or after significant rainfall events. If an exceedance should be observed, the SWMD shall provide notification to the FDEP in accordance with the guidelines presented in Specific Condition No. 28.

The results of the turbidity readings shall be compiled and included in the semi-annual Analytical Data Reports (ADRs) that are submitted to the FDEP. Additionally, each ADR shall contain a section discussing the turbidity readings from the previous six months, and any activities related to the storm water management system at the SCLF.

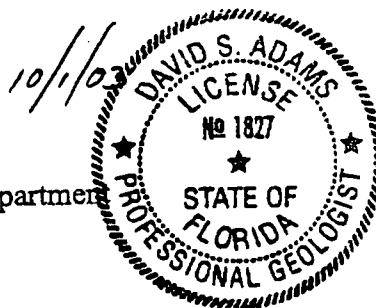
Ms. Stephanie Petro
October 1, 2003
Page 3

Included with this submittal, please find a surface water sampling site location map and the compiled turbidity data summary table from January 15, 2003 through September 29, 2003. Should you have any questions or comments regarding the information submitted, please feel free to call me at 276-2944.

Sincerely,



David S. Adams, P.G.
Environmental Manager
Solid Waste Management Department



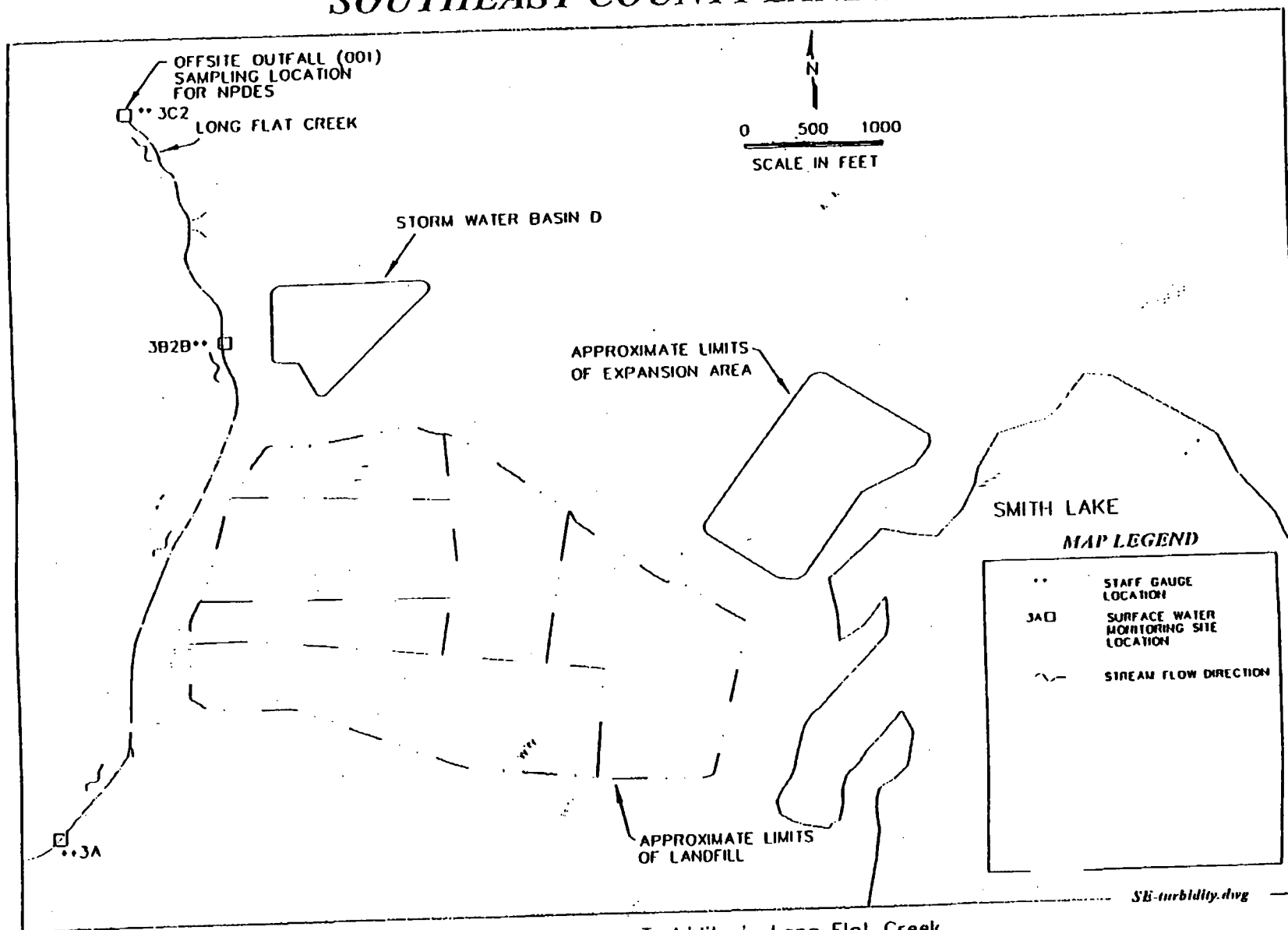
DSA/mdt

g:\everyone\adams\self\turbidity\completionltr-turbidity.doc

Enclosures

xc: Patricia Berry, Section Manager, Landfill Services, SWMD
Thomas Smith, Section Manager, Management & Environmental Services, SWMD
Matt Matthews, SCLF Manager
Bart Weiss, Water Resource Team
Larry Ruiz, SCS Engineers
Ron Cope, EPC
Mary Yeargan, EPC
Richard Batty, EPC

SOUTHEAST COUNTY LANDFILL



Incident Specific Site Map - Turbidity in Long Flat Creek
Southeast County Landfill, Hillsborough County, Florida.

HILLSBOROUGH COUNTY
SOUTHEAST COUNTY LANDFILL TURBIDITY MONITORING

Date	Basin No.	Time	Turbidity (NTU)	Notes
01/15/2003	3A	7:45 a.m.	0.65	No Rainfall Recorded
	3B2B	7:58 a.m.	2.8	
	3C2	8:00 a.m.	4.9	
01/29/2003	3A	9:33 a.m.	0.32	No Rainfall Recorded
	3B2B	9:15 a.m.	2.34	
	3C2	9:05 a.m.	4.79	
02/12/2003	3A	10:50 a.m.	0.08	No Rainfall Recorded
	3B2B	10:30 a.m.	3.32	
	3C2	10:25 a.m.	1.42	
02/23/2003	3A	8:55 a.m.	0.93	0.62" rain on 2/22/03
	3B2B	9:05 a.m.	2.34	
	3C2	9:10 a.m.	6	
03/22/2003	3A	7:40 a.m.	2.15	1.65" rain on 3/21/03
	3B2B	7:56 a.m.	7.7	
	3C2	7:50 a.m.	11.7	
03/24/2003	3A	7:50 a.m.	0.95	0.95" rain on 3/23/03
	3B2B	8:05 a.m.	6.2	
	3C2	8:10 a.m.	8.1	
04/11/2003	3A	7:45 a.m.	0.8	No Rainfall Recorded
	3B2B	7:55 a.m.	2.3	
	3C2	8:00 a.m.	3.1	
05/19/2003	3A	1:30 p.m.	1.1	0.55" rain on 5/18/03
	3B2B	1:55 p.m.	1.4	
	3C2	2:30 p.m.	1.5	
06/08/2003	3A	9:35 a.m.	0.75	0.68" rain on 6/8/03
	3B2B	9:50 a.m.	2.2	
	3C2	9:55 a.m.	7	
06/19/2003	3A	7:20 a.m.	2.6	No Rainfall Recorded
	3B2B	7:35 a.m.	9.9	
	3C2	7:40 a.m.	35	
06/20/2003	3A	7:20 a.m.	0.95	No Rainfall Recorded
	3B2B	7:36 a.m.	5.7	
	3C2	7:40 a.m.	12	
06/21/2003	3A	7:50 a.m.	2.4	No Rainfall Recorded
	3B2B	8:05 a.m.	9.1	
	3C2	8:10 a.m.	32	
06/22/2003	3A	8:20 a.m.	3.16	No Rainfall Recorded
	3B2B	8:35 a.m.	9.92	
	3C2	8:40 a.m.	64.7	
06/23/2003	3A	7:15 a.m.	1.84	11.3" from 6/18/03 thru 6/23/03
	3B2B	7:35 a.m.	8.43	
	3C2	7:45 a.m.	18.8	
06/28/2003	3A	8:56 a.m.	1.8	1.22" rain on 6/28/03
	3B2B	9:10 a.m.	3.4	
	3C2	9:20 a.m.	5	
07/14/2003	3A	7:45 a.m.	1.1	1.25" rain on 7/14/03
	3B2B	8:00 a.m.	2.6	
	3C2	8:05 a.m.	3.7	
07/28/2003	3A	10:30 a.m.	1.3	No Rainfall Recorded
	3B2B	10:50 a.m.	3.2	
	3C2	10:56 a.m.	3.4	
08/07/2003	3A	7:10 a.m.	1.1	1.45" rain on 8/7/03
	3B2B	7:25 a.m.	5.4	
	3C2	7:30 a.m.	6.1	
08/09/2003	3A	9:05 a.m.	1.4	1.65" rain on 8/9/03
	3B2B	9:20 a.m.	13	
	3C2	9:25 a.m.	8.4	
08/19/2003	3A	7:50 a.m.	1.1	.75" rain on 8/19/03
	3B2B	8:05 a.m.	3.5	
	3C2	8:10 a.m.	3.7	
08/20/2003	3A	8:45 a.m.	1.4	1.10" rain on 8/20/03
	3B2B	9:05 a.m.	4.8	
	3C2	9:10 a.m.	10	
08/21/2003	3A	9:40 a.m.	1.2	0.6" rain on 8/21/03
	3B2B	9:55 a.m.	5.2	
	3C2	10:00 a.m.	9.6	
08/22/2003	3A	8:00 a.m.	1.2	0.8" rain on 8/22/03
	3B2B	8:15 a.m.	5	
	3C2	8:20 a.m.	12	
08/25/2003	3A	11:20 a.m.	4.9	1.6" rain on 8/25/03
	3B2B	11:05 a.m.	9.4	
	3C2	11:00 a.m.	16	
08/28/2003	3A	7:40 a.m.	2.3	1.3" rain on 8/28/03
	3B2B	8:15 a.m.	16	
	3C2	8:20 a.m.	17	
09/02/2003	3A	7:45 a.m.	1.3	0.98" rain on 9/2/03
	3B2B	8:00 a.m.	4.1	
	3C2	8:05 a.m.	4.2	
09/20/2003	3A	8:15 a.m.	1.1	0.6" rain on 9/20/03
	3B2B	8:30 a.m.	3	
	3C2	8:35 a.m.	4.9	
09/21/2003	3A	8:00 a.m.	0.8	0.6" rain on 9/21/03
	3B2B	8:15 a.m.	2.5	
	3C2	8:20 a.m.	5.1	
09/29/2003	3A	7:35 a.m.	0.8	0.65" rain on 9/29/03
	3B2B	7:50 a.m.	1.9	
	3C2	8:00 a.m.	2.9	



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Daryl Smith, Director
Hillsborough County Solid Waste
P.O. Box 1110
Tampa, Fl. 33601

September 19, 2003

RE: Hillsborough County Southeast Landfill, Financial Assurance Cost Estimates
Permit No.: 35435-006-SO, Class I
126787-001-WT, WTPF

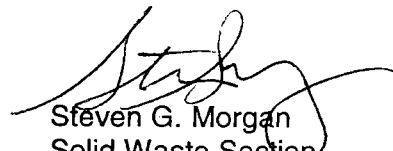
Dear Mr. Smith:

This letter is to acknowledge receipt of the inflation-adjusted cost estimates dated August 19, 2003 (received August 26, 2003), prepared by SCS Engineers for closure and long-term care of the Hillsborough County Southeast Landfill (Phases I-VI) and related facilities. The cost estimates received August 26, 2003 are not approved.


The County was advised by Department letter dated October 17, 2002 (copy attached) that at the next annual update, revised estimates which included third-party supporting documentation would be required. The revised closure and long-term care estimates shall be submitted on DEP Form #62-701.900(28).

The Department requests that two copies of all information be provided to the Solid Waste Section, FDEP Tampa office within thirty (30) days of this notice. In order to expedite the review of this information, please forward all responses related financial assurance cost estimates directly to the undersigned. If you have any questions, you may contact me at (813) 744-6100 ext. 385.

Sincerely,


Steven G. Morgan
Solid Waste Section
Southwest District

sgm

cc: Sheila Carpenter-van Dijk, SCS Engineers, 3012 U.S. Highway 301 North, Suite 700, Tampa, Florida
33619-2242 w/attachment
Fred Wick, FDEP, Tallahassee, w/attachment
Kim Ford, P.E., FDEP Tampa
 Susan Pelz, P.E., FDEP Tampa

"More Protection, Less Process"

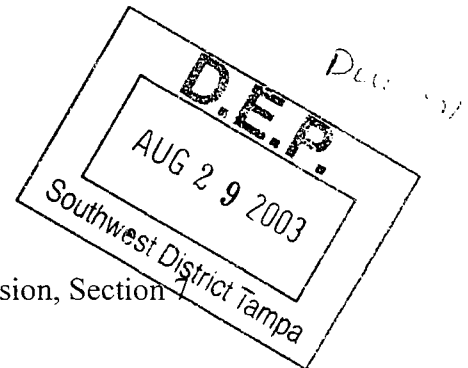
Printed on recycled paper.

SCS ENGINEERS

August 28, 2003
File No. 09200020.33

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Remaining Disposal Capacity and Site Life
Southeast County Landfill (SCLF) Capacity Expansion, Section 7
Permit No.: 35435-007-SO



Dear Mr. Ford:

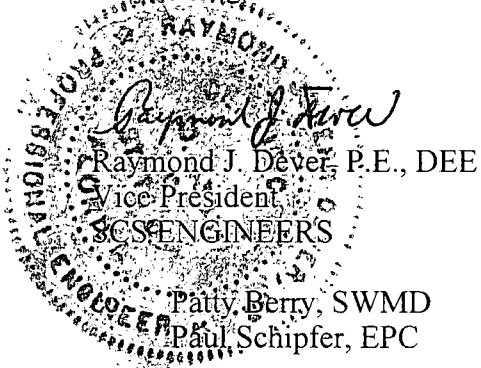
On behalf of the Hillsborough County Solid Waste Management Department, SCS Engineers (SCS) is submitting the remaining disposal capacity and site life for Section 7 of the Capacity Expansion at the Southeast County Landfill (Section 7). This update is being submitted in accordance with Specific Condition 11.b. of the subject permit. At this time, Section 7 contains no waste. Therefore the remaining disposal capacity is 748,000 cubic yards. SCS estimates the site life of Section 7 at two years.

An aerial survey was performed on May 17, 2003 and a topographic map was prepared which included Section 7. The topographic survey was submitted to the Florida Department of Environmental Protection with the Remaining Disposal and Site Life for the Southeast County Landfill Phases I-VI letter dated August 28, 2003.

Please do not hesitate to call if you have any questions or need additional information.

Very truly yours,

Sheila Carpenter-van Dijk, E.I.
Project Engineer



SCV/RJD:scv



SCS ENGINEERSAugust 28, 2003
File No. 09200020.13Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619Subject: Remaining Disposal Capacity and Site Life
Southeast County Landfill Phases I-VI
Permit No.: 35435-006-SO

Dear Mr. Ford:

On behalf of the Hillsborough County Solid Waste Management Department (SWMD), SCS Engineers (SCS) is submitting the remaining disposal capacity and site life (Table 1), and a topographic survey (Attachment 1) for the Southeast County Landfill (SCLF) Phases I-VI. This update is being submitted in accordance with Specific Condition 11.b. of the subject permit.

SCS estimates that at the end of December 2003, the remaining disposal capacity of the SCLF (Phases I through VI) is approximately 10,863,000 cubic yards (CY) with a site life of approximately 16 years (see Table 1).

**TABLE 1. SOUTHEAST COUNTY LANDFILL CAPACITY
SITE LIFE CALCULATION, PHASES I-VI**

Year	Projected Disposal at LF		Density lb/cy	Estimated Remaining Capacity cy
	tons	cy		
2003	507,000	732,000	1,400	10,863,000
1 2004	446,585	637,979	1,400	10,225,021
2 2005	448,937	641,339	1,400	9,583,682
3 2006	454,062	648,660	1,400	8,935,022
4 2007	459,187	655,982	1,400	8,279,040
5 2008	464,312	663,303	1,400	7,615,737
6 2009	469,437	670,625	1,400	6,945,112
7 2010	474,562	677,946	1,400	6,267,166
8 2011	479,651	685,216	1,400	5,581,950
9 2012	484,740	692,486	1,400	4,889,464
10 2013	489,829	699,756	1,400	4,189,708
11 2014	494,918	707,026	1,400	3,482,682
12 2015	500,007	714,296	1,400	2,768,386



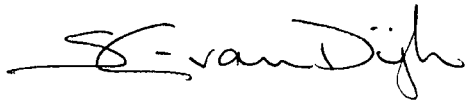
Mr. Kim B. Ford
August 28, 2003
Page 2

	Year	Projected Disposal at LF		Density lb/cy	Remaining Capacity cy
		tons	cy		
13	2016	505,096	721,566	1,400	2,046,820
14	2017	510,185	728,836	1,400	1,317,985
15	2018	515,274	736,106	1,400	581,879
16	2019	520,363	743,376	1,400	-161,496

The capacity estimates shown in Table 1 are total air space volumes. The estimated cumulative capacity used is based on data collected through July 2003 by monthly field surveys at the SCLF and updates for actual waste disposal from the SWMD.

Please do not hesitate to call if you have any questions or need additional information.

Very truly yours,

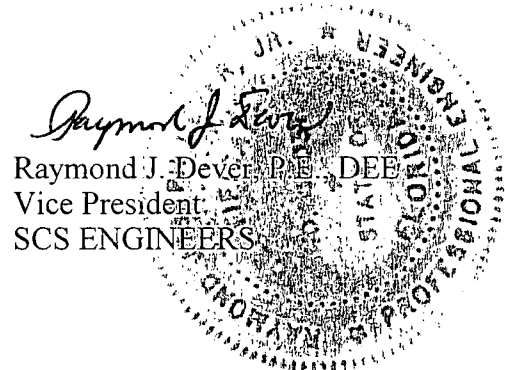


Sheila Carpenter-van Dijk, E. I.
Project Engineer
SCS ENGINEERS

cc: Patty Berry, SWMD
Paul Schipfer, EPC

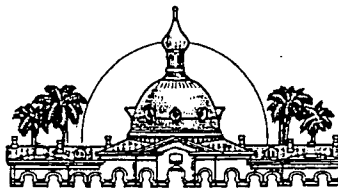
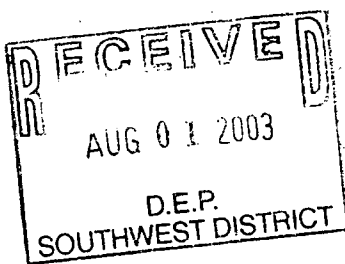
SCV/RJD:scv

Attachment



Raymond J. Dever, P.E., D.E.E.
Vice President
SCS ENGINEERS

ATTACHMENT 1
SOUTHEAST COUNTY LANDFILL TOPOGRAPHIC SURVEY



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

July 30, 2003

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Patricia Bean

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Edwin J. Hunzeker

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa, FL 33619-1352

RE: Southeast County Landfill – Storm Event Discharge from Working Face

Dear Mr. Ford:

The Hillsborough County Solid Waste Management Department (SWMD) is providing this report as a follow-up to our June 27, 2003 letter to the Florida Department of Environmental Protection and the Hillsborough County Environmental Protection Commission concerning a discharge event that occurred at the Southeast County Landfill on Saturday, June 21, 2003.

Attached is an update from Waste Management Inc. of Florida (WMI), the contracted landfill operator, outlining the actions taken following their June 25, 2003 report. Also provided for your files is the laboratory report of the water quality results for the runoff sample collected on June 23, 2003, concluding that the runoff is stormwater.

Should you have any questions regarding the information submitted, please feel free to call me at (813) 276-2908.

Sincerely,

Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

Attachment

xc: Daryl H. Smith, SWMD
Matt Matthews, SWMD
Larry Ruiz, SCS Engineers
Terry Payton, EPC
Ernest Ely, WMI

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 Hillsborough County
 Solid Waste Management Dept.
 c/o Mr. Daryl Smith, Director
 Post Office Box 1110
 Tampa, FL 33601

PS Form 3800, January 2000

Mod Permit # 35435-008 to

SENDER: Permit # 35438-006-50

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Hillsborough County
 Solid Waste Management Dept.
 c/o Mr. Daryl Smith, Director
 Post Office Box 1110
 Tampa, FL 33601

4a. Article Number

7001 1940 0001 7487 9734

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Return Receipt for Merchandise | <input checked="" type="checkbox"/> COD |

7. Date of Delivery

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature of Addressee or Agent

X

UNITED STATES POSTAL SERVICE

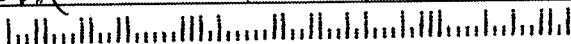


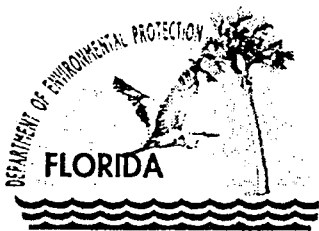
First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

State of Florida
Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-1352

Kim Ford - Solid Waste





Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

CERTIFIED MAIL 7001 1940 0001 7487 9734
RETURN RECEIPT REQUESTED

July 21, 2003

NOTICE OF PERMIT

PERMITTEE:

Hillsborough County
Solid Waste Management Dept.
Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, FL 33601

Re: Modification #35435-008 to existing Operation Permit
Operation Permit No.: 35435-006-SO, Hillsborough County
Southeast County Landfill, Phases I - VI

Dear Mr. Smith:

Attached is modified Operation Permit 35435-006-SO, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Specific Conditions have been revised:

SPECIFIC CONDITIONS:

TYPE OF MODIFICATION:

#2.	(Amended)	References revised supporting documents.
#3.	(Amended)	Deletes reference to Pond B and requires certification for improvements.
#4.	(Amended)	Requires updated Operation Plan and Site Plans for renewal.
#7.	(Amended)	Text revisions for clarification.
#9.	(Amended)	Text revisions for clarification.
#10.	(Amended)	Text revisions for clarification.
#11.	(Amended)	Requires waste records quarterly and certification annually with topographic survey.
#13.	(Amended)	Text revisions for clarification.
#14.	(Amended)	Text revisions for clarification.
#15.	(Amended)	Text revisions for clarification.
#16.	(Amended)	Text revisions for clarification.
#19.	(Amended)	Text revisions for clarification.

"More Protection, Less Process"

Printed on recycled paper.

SPECIFIC CONDITIONS:

TYPE OF MODIFICATION:

#20.	(Amended)	Text revisions for clarification.
#21.	(Amended)	Text revisions for clarification.
#21.	(Amended)	Text revisions for clarification.
#22.	(Amended)	Requires repairs to conveyances within seven (7) days.
#28.	(Amended)	Text revisions including revised timeframes for repairs to covered disposal areas and for evaluation of turbidity controls.
#29.	(Amended)	Text revisions for clarification.
#31.	(Amended)	References new figure for leachate sampling.
#34.	(Amended)	References new figure for surface water sampling.
#35.	(Amended)	References revised supporting documents, and identifies new monitoring wells and timeframe for installation of new monitoring wells.
#36.	(Amended)	Text revisions to identify monitoring wells.
#37.	(Amended)	Text revisions to identify monitoring wells.
#38.	(Amended)	Text revisions for clarification.
#39.	(Amended)	Text revisions for clarification.
#40.	(Amended)	Text revisions for clarification.
#41.	(Amended)	Text revisions for clarification.
#42.	(Amended)	Deletes reference to previous evaluation of groundwater flow.
#47.	(New)	Requires certification for improvements.

General Information: This modification is for approval of replacement documents including the groundwater monitoring plan, operations plan, and leachate management plan.

This letter and its attachments constitute a complete permit and replaces all previous permits and permit modifications for the above referenced facility.

A person whose substantial interests are affected by this permit modification may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Blvd., MS 35, Tallahassee, Florida 32399-3000, within fourteen (14) days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within fourteen (14) days shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

Hillsborough County
c/o Mr. Daryl Smith
Permit No.: 35435-006-SO
Permit Modification No.: 35435-008

July 21, 2003
Page Three

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition and to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C. Mediation is not available.

This permit modification is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Chapters 62-110 and 28-106, F.A.C. Upon timely filing a petition or a request for an extension of time this permit modification will not be effective until further Order of the Department.

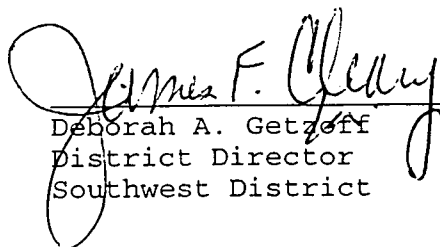
Hillsborough County
c/o Mr. Daryl Smith
Permit No.: 35435-006-SO
Permit Modification No.: 35435-008

July 21, 2003
Page Four

When the Order (permit modification) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Blvd., MS 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Deborah A. Getzoff
District Director
Southwest District

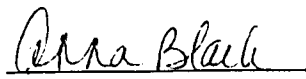
KBF/ab
Attachment

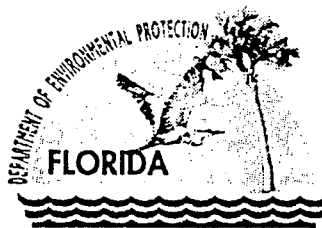
cc: Hillsborough County Notification List
Robert Gardner, P.E., SCS Engineers
Susan Pelz, P.E., FDEP Tampa (permit notebook)
Richard Tedder, P.E., FDEP Tallahassee
Douglas Beason, OGC, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Ron Cope, EPCHC

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on July 21, 2003 to the listed persons.

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk
07/21/03
Date



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: 35435-006-SO
Date of Issue: 06/25/02
Expiration Date: 06/20/07
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15,
22, 23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a landfill, leachate treatment plant and related ancillary facilities (approximately 200 acres), referred to as Phases I - VI of the Southeast County Class I Landfill Facility, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of:

1. Class I Landfill and related facilities

General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"More Protection, Less Process"

PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Daryl Smith, Director

PERMIT . 35435-006-SO
Southeast County Landfill,
Phases I - VI

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

GENERAL CONDITIONS:

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

PERMITTEE: Hillsboroug o. Solid Waste Dept.
Mr. Daryl Smith, Director

PERMIT 35435-006-SO
Southeast County Landfill,
Phases I - VI

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class I landfill (Phases I - VI), leachate treatment plant and related facilities in accordance with the reports, plans and other information submitted by SCS Engineers, Inc. (SCS) (unless otherwise noted) as follows:

a. Operation Permit Renewal Application, Southeast County Landfill, Hillsborough County, Florida, dated May 2001 (received May 3, 2001) including information revised as follows (inserted into original):

- 1) Information dated July 16, 2001 (received July 17, 2001),
- 2) December 14, 2001 (received December 14, 2001), and
- 3) March 4, 2002 (received March 4, 2002);

b. Attachment L-2, Groundwater Monitoring Plan Evaluation,... dated April 15, 2003 ~~July 2001~~ (received April 15, 2003 ~~July 17, 2001~~), including revised pages 2-3 received ~~April 2, 2002~~ May 5, 2003;

c. Attachment K-1, Operations Plan,... dated May 12, 2003 ~~May 2001 as revised July 2001~~ (received May 15, 2003 ~~July 17, 2001~~), including supplemental information received ~~March 4, 2002~~;

d. Leachate Management Plan (LMP),... dated May 12, 2003 ~~May 2001 as revised July 2001~~ (received May 15, 2003 ~~July 17, 2001~~), including supplemental information received ~~March 4, 2002, June 20, 2002 and June 24, 2002~~;

e. Plan sheets titled, Southeast County Landfill Operating Sequence, Permit Renewal - Appendix E, August 1994,... received August 22, 1994, including the following revised sheets:

- 1) Drawing 2 of 21, "Index, Legends and General Notes," received July 17, 2001;
- 2) Drawing 3 of 21, "Final Drainage Plan/Plot Plan," received July 17, 2001;
- 3) Drawing 7 of 21, "Phases V and VI - Lifts 7C, 7D and 7F," received July 20, 2001;
- 4) Drawing 8 of 21, "Phases I to IV - Lifts 8 to 11," received May 3, 2001;
- 5) Drawing 16B of 21, "Semi-annual Landfill Sections 3," received July 17, 2001;

SPECIFIC CONDITIONS:

- 6) Drawing 16C of 21, "Semi-annual Landfill Sections 4," received July 17, 2001;
- 7) Drawing 16D of 21, "Semi-annual Landfill Sections 5," received July 17, 2001;
- 8) Drawing 16E of 21, "Semi-annual Landfill Sections 6," received July 17, 2001;
- 9) Drawing 17 of 21, "Landfill Sections," received July 17, 2001;
- 10) Drawing 19 of 21, "Details 2," received July 17, 2001
- f. Plan sheets titled, Southeast County Landfill Lift 7 - Phases V and VI Sequence Drawings,... (9 sheets, replacing Drawings 6 and 7 of 21 dated August 1994) received December 31, 1998, except Drawing 7 of 21 as subsequently revised above;
- g. "Facility Site Plan and Existing Topography," Drawing 1 of 1, dated April 18, 2001 (received May 3, 2001);
- h. "Estimated Top of Clay Contours (as of January 2001)," Drawing 1 of 1, dated May 2001, as revised July 16, 2001 (received July 17, 2001), except as revised by Figures D-1 and D-2, Appendix D, received March 4, 2002;
- i. General Process and Operation Manual for the PACT Leachate Treatment System (March 1994) received October 23, 1996;

and in accordance with all applicable requirements of Department rules.

Amended July 21, 2003

3. Permit Modifications.

a. Construction, operation, or other activities subject to the Department's Solid Waste Regulations, not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the operations at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

SPECIFIC CONDITIONS:

(Specific Condition #3., continued)

b. This permit authorizes the operation of the existing Class I landfill (Phases I - VI), leachate treatment facility and related appurtenances. This permit does not authorize the operation of the class I landfill Section 7 capacity expansion northeast of the existing landfill (construction permit #35435-004-SC). ~~Operation of the class I landfill expansion shall require a major (substantial) modification of this permit prior to operation. Operation of Pond B is not authorized by this permit until Department approval of the Certification of Construction Completion documentation required by Specific Condition #7 of construction permit #35435-005-SC.~~

c. Certification of Construction Completion shall be submitted for all Department-approved design features (such as stormwater related drainage improvements) in accordance with Specific Condition #47., below.

Amended July 21, 2003

4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.320(10). Operation permit renewal shall include but not be limited to an updated Operations Plan and Site Plans for the sequence of filling with cross-section of lifts for changes if necessary.

Amended July 21, 2003

5. **Prohibitions.**

a. The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this site.

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified **within 24 hours** of discovery. Written notification shall be submitted **within 7 days** of discovery. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

6. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

7. **Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rule 62-701.500, F.A.C.; the information listed in Specific Condition #2, above; and any other applicable requirements.

SPECIFIC CONDITIONS:

(Specific Condition #7., continued)

b. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater outside the liner and leachate management systems at any time. ~~during the construction or operation of this facility.~~

c. Leachate discharge to area surface waters is not authorized by this permit. ~~Surface water discharge~~ and shall be considered a violation of this permit. ~~and~~ The permittee shall immediately report any such discharge to the Southwest District Office of the Department in accordance with Specific Condition #28.b., below.

d. The permittee shall clearly stake/mark the location of the edge of the geomembrane liner and maintain the locations as the landfill increases in elevation to prevent waste disposal and leachate runoff outside the geomembrane liner. The staking/markers shall be maintained at all times.

e. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Daily on operating days, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

f. The Class I disposal area shall be operated to limit the leachate head to one foot above the liner.

g. Waste shall not be disposed (i.e. covered, compacted, etc.) during non-daylight hours, unless sufficient lighting is provided to adequately assess the materials and remove unacceptable wastes.

h. Sufficient personnel and equipment shall be utilized to adequately operate the facility.

i. *Unauthorized Wastes.* A sufficient number of spotters and operators shall be utilized at the facility for removing unacceptable wastes. At a minimum, spotting shall occur at the working face from the ground (i.e. while off of the equipment).

j. *Site Inspections.*

1) The owner or operator shall inspect the site for erosion daily. Erosion shall be repaired in accordance with Specific Condition #28.e., below.

2) The owner or operator shall inspect the landfill facility at least quarterly for the presence of objectionable odors at the monitoring points LFG-1, LFG-2, LFG-3, and LFG-4. In the event that odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #27, below.

SPECIFIC CONDITIONS:

(Specific Condition #7., continued)

3) The owner or operator shall inspect the normal traffic areas of the facility for litter daily on operating days. The accessible property boundaries shall be inspected for litter at least weekly. Litter shall be collected and disposed of in the Class I landfill, at least once per day on operating days, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures within 30 days.

k. *Emergency/Contingency Operations.*

1) In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (greater than 72 hours) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

2) *Equipment.* In the event of equipment breakdown or scheduled maintenance of essential equipment (such as equipment required for spreading, compacting and covering waste), the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence. In the event that sufficient reserve equipment is not obtained within 24 hours, the facility shall cease operation until sufficient equipment is operating at the site.

3) *Fires.* In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition #28.b., below, and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. ~~In no event shall the 12.5-acre SCLF Expansion Section 1 be used for waste disposal without prior written Department approval.~~

Amended July 21, 2003

8. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the plan sheets listed in Specific Conditions #2.e and f., above, the Operations Plan [ref.SC#2.c.], and Table 1, Southeast Landfill Filling Sequence [ref.SC#2.a., Appendix J, July 16, 2001].

9. **Operating Personnel.**

a. The owner or operator shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner.

b. Sufficient trained personnel shall be available, to adequately operate the facility in compliance with this permit and Department rules. As required by Rule 62-701.500(1), F.A.C., at least one trained operator shall be at the Class I landfill at all times when the landfill receives waste. At least one trained spotter shall be at the working face when waste is received and unloaded, to inspect each load of waste from the ground (while off of the equipment), and to identify and properly manage prohibited materials.

SPECIFIC CONDITIONS:

(Specific Condition #9., continued)

c. The permittee shall notify the Department in writing of a change of the County's primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request.

Amended July 21, 2003

10. Operation Plan and Operating Record.

a. Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

b. Unless specified otherwise in this permit, all submittals, notifications, requests for permit modification, etc. shall be provided to the Southwest District Solid Waste Section, 3804 Coconut Palm Drive, Tampa, Fl. 33619, and a copy provided to the Environmental Protection Commission of Hillsborough County, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

c. Proposed changes to the current Department-approved Operations Plan shall be submitted in writing to the Department for review and may require a permit modification in accordance with Specific Condition #3. ~~unless otherwise approved in writing by the Department.~~ The Operations Plan shall be updated as operations change and for renewal of the permit. Revised pages shall be provided as replacement pages with revisions noted (deletions may be ~~struckthrough~~ (struckthrough) and additions may be shaded (shaded) or similar method may be used) and each page numbered with the document title and date of revision. ~~The Operations Plan shall be reviewed and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department annually, by April 15th each year.~~

d. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:

- 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
- 2) A log of the facility operator's daily inspections, and any subsequent corrective actions;
- 3) Load checking records;
- 4) A list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;

SPECIFIC CONDITIONS:

(Specific Condition #10., continued)

- 5) Operator and spotter training certificates and other documentation; and
 - 6) Log of odor complaints and corrective action; and
 - 7) Records as described in Rule 62-701.500(13).
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11. Waste Records.

a. Waste records shall be maintained as required by Rules 62-701.500(4). The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled monthly and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) **quarterly, by January 15th, April 15th, July 15th and October 15th of each year.** Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition. ~~Records shall be maintained as required by Rules 62-701.500(4), and 62-701.500(13), F.A.C., and the conditions of this permit. Except water quality monitoring reports (e.g. groundwater, surface water and leachate), these records shall be maintained onsite, and copies provided to the Department upon request, or as otherwise specified in this permit. Water quality monitoring reports may be maintained at the site or at the County downtown office.~~

b. The owner or operator shall conduct a topographic survey of the Class I disposal area, and shall estimate the remaining disposal capacity and site life as required by Rule 62-701.500(13)(c), F.A.C. **Annually, no later than September 1st each year** ~~November 1st each year~~, a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or professional land surveyor as appropriate, ~~and revised sequence of filling drawing~~ shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design exterior sideslopes (4H:1V), 3H:1V ~~and that the top elevation does not exceed design elevation, and that all other design features and related improvements conform to the Department-approved operating sequence drawings.~~ Certification of Construction Completion shall be submitted with the survey in accordance with Specific Condition #47., below..

~~c. All notifications required by this permit, requests for permit modification and other reports shall be submitted to the Department's Southwest District office and also to Hillsborough County EPC, Solid Waste Section.~~

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SPECIFIC CONDITIONS:

12. Monitoring of Waste.

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request. Load checks shall document the occurrence, type of unacceptable wastes, removal and disposition of unauthorized wastes discovered in the loads.

b. The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #28.b., below.

c. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customer's name and date of disposal, shall be kept on file by the operating authority on-site.

13. Special Wastes.

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the information referenced in Specific Conditions #2.a. and #2.c. (Operations Plan); Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented.

b. *Scrap metals.* The scrap metals shall be removed from the site at least monthly, or when the container is full, whichever occurs first. Scrap metals which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. The maximum quantity of scrap metal which may be stored at the site is limited to two 40 c.y. roll-off containers.

c. *Asbestos.* Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C.; the Operations Plan; and all other applicable federal and Department rules.

SPECIFIC CONDITIONS:

(Specific Condition #13., continued)

d. Unauthorized special wastes (e.g. lead acid batteries, white goods, etc.), found at the working face, shall be stored in locations which do not adversely affect the sequence of filling. These wastes which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. These wastes shall be removed from the site for proper disposal at least **monthly**.

1) White Goods. The white goods shall be removed from the site at least **every 30 days**. ~~or when the container is full, whichever occurs first.~~ White goods which may contain chlorofluorocarbons (CFCs, such as freon), shall be stored and managed in a manner such that the CFCs are not discharged to the atmosphere. White goods which have had the refrigerant appropriately removed shall be clearly marked. A maximum of 50 white goods may be stored at the site at any time.

2) Lead acid batteries. The batteries shall be stored in a manner which prevents the discharge of contaminants to the environment. A maximum of 30 batteries may be stored at the site at any time.

3) Used oil. Used oil shall be stored in containers, and is limited to a maximum of 20 gallons stored at any time.

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14. Waste Handling Requirements. All solid waste disposed of in the Class I disposal area shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial cover shall be applied and maintained daily in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

1) All solid waste disposed of in the Class I disposal area must be covered with at least 6 inches of compacted earth or other suitable material as approved by the Department in writing, at the end of each working day. Areas which have received initial cover and exhibit erosion which results in exposed waste shall be repaired by the end of the next working day.

2) Alternate initial cover materials not identified herein shall be approved by the Department prior to use at the facility.

- For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin.
- Waste tires that have been cut into sufficiently small parts, which means that 70 percent of the waste tire material is cut into pieces of 4 square inches or less and 100 percent of the waste tire material is 32 square inches or less, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area.

SPECIFIC CONDITIONS:

(Specific Condition #14., continued)

- Municipal solid waste ash, or a 50% ash and 50% mulch mixture, applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area.
- A 50% soil and 50% mulch mixture applied in a six (6) inch compacted layer may be used as initial cover., ~~with prior Department approval.~~

b. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(a) and (f), F.A.C.

1) An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion ~~at all landfills~~ if final cover or an additional lift is not to be applied within 180 days of cell completion.

2) Soil materials which have been previously used for intermediate or initial cover, and which contain solid waste (including ash), shall not be re-used on slopes which discharge to the stormwater management system or as interceptor ~~perimeter~~ berms around the perimeter of the active working face area. These materials may be re-used as initial cover provided the runoff from these areas is managed as leachate.

3) Materials other than soil shall not be used for intermediate cover without prior written Department approval.

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15. Working Face.

a. As required by Rule 62-701.500(7)(d), F.A.C., the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously and to minimize the exposed area.

b. **Interceptor berms ~~and/or swales~~ shall be maintained around the working area to prevent leachate runoff from the working face from entering the stormwater management system.** Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste, and have been adequately ~~intermediately~~ covered with at least 6 inches of compacted soil (or a mixture of soil/mulch) free of waste ~~as defined by Rule 62-701.200(55), F.A.C.,~~ and stabilized to control erosion.

c. Waste shall be spread and compacted in accordance with the Operations Plan [ref. SC#2.c., page K-8]. The working face slope ~~slopes~~ shall be no greater (steeper) than 3H:1V ~~4H:1V~~ [ref. SC#2.c., ~~K-7.d.~~].

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SPECIFIC CONDITIONS:

16. Leachate Management.

- a. Leachate shall be managed in accordance with the requirements of Rule 62-701.500(8), F.A.C., the information submitted in the references listed in Specific Condition #2, above, and other applicable Department rules.
- b. Leachate which has accumulated on the surface in low areas within the active disposal area shall be removed from the disposal area within 72 hours ~~one (1) week of detection~~.
- c. In the event that the leachate level in Pump Station B exceeds 24 inches, the operation of the PPS-B pump(s) and Bubbler Pump Controller shall be evaluated. If the cause of excessive leachate in PPS-B is pump failure, a replacement pump shall be installed within 8 hours of detection of the pump failure [ref. SC#2.a., Response #12(e)(5)d, July 16, 2001], otherwise, the Department shall be notified in accordance with Specific Condition #28.b., and a corrective action plan shall be submitted for Department approval.
- d. The leakage action rate for the LDS in Pond B is 1500 gallons/day. In the event that this leakage action rate is exceeded, a permanent submersible pump shall be installed in the LDS [ref. SC#2.a., Response #9(i)(14), December 14, 2001]. Pond B may be used for leachate storage only with prior, written Department approval. The request for use of Pond B for leachate storage shall include the information described in the Leachate Management Plan, Section 4.7 ~~(page 4-5)~~ [ref. SC#2.d.].
- e. The effluent depth in Pond A shall not exceed 4.5 feet. The effluent/leachate depth in Pond B shall not exceed 3.6 ~~4.5~~ feet.
- f. In order to measure the potentiometric levels in the SCLF, the following field investigation (described in the LMP, Section 6, ~~page 6-2~~ [ref. SC#2.d.]) will be conducted **annually**, and submitted to the Department **by April 15th each year**. The first investigation is due no later than **April 15, 2003**. Piezocone soundings will be performed in the vicinity of PC-1B (Phase I), PC-4B/PC-4C (southeastern portion of Phase IV), PC-3/PC-3B (northeastern portion of Phase III), and PC-1F (eastern end of Phase I), as shown on Figure 6-1 (attached). The piezocones soundings will collect the following data:

- 1) Pore pressure above the phosphatic clays (within the sand drainage layer).
- 2) Elevation of the top and bottom of the phosphatic clays.
- 3) Pore pressure at the top, middle, and bottom of the phosphatic clay.
- 4) Pore pressure below the phosphatic clays.

A report will be prepared, signed and sealed, by a registered professional engineer following each monitoring event and submitted to the Department, presenting the findings and conclusions relative to the performance of the leachate collection system and recommendations as appropriate.

SPECIFIC CONDITIONS:

(Specific Condition #16., continued)

g. ~~Within one hundred twenty (120) days of issuance of this permit, the permittee shall install Temporary Pump Station No. 6 (TPS-6).~~ TPS-6 will consists of a vacuum assisted pump (similar to PPS-B) with a 3-inch to 4-inch diameter suction line installed within the header of cleanout 4-1 to reach 600 feet into the landfill near the top of clay elevation +114 feet NGVD. ~~TPS-6 shall be equipped with a bubbler level control system, similar to PPS-B. [ref. SC#2.a, Response #7.f, March 4, 2002]~~ TPS-6 shall remain in place, and continue to be operated and maintained as described in the LMP Section 4.9, unless otherwise authorized by the Department.

h. *Leachate Disposal.*

1) In the event that the on-site Leachate Treatment and Reclamation Facility (LTRF) is not operational, leachate shall be hauled offsite for disposal at an appropriately permitted wastewater treatment facility. ~~[ref. SC#2.a, Section K.8.d, May 2001]~~. No later than **thirty (30) days** prior to the expiration of any contracts or agreements for the disposal of leachate at wastewater treatment facilities, the permittee shall provide a copy of the contract renewal or the issuance of a new contract for leachate disposal.

2) In the event that the primary leachate disposal facility or the LTRF becomes unable or unwilling to accept leachate for disposal, **within three (3) days** of the cessation of leachate acceptance by the POTW or LTRF, the landfill owner or operator shall notify the Department and shall explain the contingency measures which will be implemented. The contingency measures shall be implemented **within seven (7) days** of the cessation of leachate acceptance at the POTW or LTRF, or in accordance with an alternate schedule approved by the Department.

i. *Leachate Collection System Inspections/Maintenance.*

1) The leachate collection and removal system and gravity pipelines, shall be visually or video inspected or water pressure cleaned at cleanouts 4-1, 5-1, 5-2, 5-3, 6-1 and PPS-B access pipes to verify adequate performance twice during this permit period. Force mains shall be video inspected or water pressure cleaned when the pump station performance indicates that the force mains may be ~~are~~ obstructed. Components not performing adequately shall be cleaned and/or repaired. **By June 1, 2004 and no later than December 1, 2006**, a report summarizing the results, and copies of the videotape of this inspection shall be submitted to the Department to demonstrate adequate performance of the leachate collection and removal system. The inspection report shall include an evaluation of the effectiveness of the system, the locations of cleaning and video inspections (indicated on a Site Plan drawn to scale) and cause of all obstructions encountered, proposed corrective actions and schedule for implementation of corrective actions as appropriate. If the pipes are water-jet cleaned, the report shall include a description of the method of cleaning. The permittee shall retain a copy of the videotape at the facility for reference and shall provide a copy to the Department.

SPECIFIC CONDITIONS:

(Specific Condition #16.i., continued)

2) Each pump and pump station and related sensors and controller mechanisms ~~Bubbler Pump Controller (BPC)~~ shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and repair, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility, and provided to the Department upon request.

3) Unless otherwise specified in this permit, the leachate collection and removal system components shall be inspected and maintained as described in the Leachate Management Plan [see Section 3, Table 3-1, ref. SC#2.d.].

j. *Leachate quantities.*

1) In the event of a failure of leachate metering or pumping equipment which is not corrected within 24 hours of detection, the Department shall be notified, and corrective actions implemented in accordance with Specific Condition #28.b., below.

2) Leachate generation reports shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th each year.** Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, recirculated, treated and disposed on-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

k. *Leachate Treatment and Removal System Operation.*

1) The leachate storage tanks shall be inspected as required by Rule 62-701.400(6)(c)9., F.A.C., and in accordance with the conditions of this permit. The tanks, containment area, truck loadout area, and other leachate treatment and storage system appurtenances shall be inspected at least weekly for leakage or other damage.

2) Biosolids and sludge from the LTRF shall be characterized at least **annually**, in accordance with Specific Condition #32.c., to demonstrate that the sludge and biosolids are non-hazardous. The sludge and biosolids shall be dewatered sufficiently (i.e. pass the paint filter test, EPA method 9095) prior to disposal in the landfill.

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SPECIFIC CONDITIONS:

17. No later than one hundred eighty (180) days prior to permit expiration (December 1, 2006), the permittee shall submit an evaluation of the performance of the clay bottom liner and leachate management system. The evaluation is to assure the Department that the clay bottom liner is consolidating as originally designed and to estimate the amount of consolidation and settlement of the clay bottom liner which has actually occurred. The evaluation shall be based on actual field data and shall include: a summary of clay performance and leachate management system performance based on the annual evaluations required by Specific Condition #16.f., above; leachate generation rates; top of clay contours and actual field measurements. The evaluation shall include recommendations for improvements to the liner and leachate collection and removal systems, if necessary, and shall be certified by a professional engineer.

18. **Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and Cc, as adopted by reference at Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

19. **Gas Monitoring.**

a. Landfills that receive biodegradable wastes shall have a gas management system designed to prevent explosions and fires, and to minimize off-site odors, lateral migration of gases and damage to vegetation. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C., (less than 25% of the lower explosive limit (LEL) for combustible gases in structures, and less than 100% LEL for combustible gases at or beyond the property boundary).

SPECIFIC CONDITIONS:

(Specific Condition #19., continued)

c. The results of quarterly monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

Measured During
Quarter 1
Quarter 2
Quarter 3
Quarter 4

Report Submitted By
April 15th of each year
July 15th of each year
October 15th of each year
January 15th of each year

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20. **Gas Monitoring Locations.** All enclosed structures and the following gas monitoring locations shown on Figures F-1, F-2, and F-3, and F-4 prepared by SCS Engineers (attached), shall be sampled at least quarterly for the lower explosive limit of methane, as described in Rule 62-701.530(2), F.A.C.

<u>Monitoring Point</u>	<u>Location</u>	<u>Location Description</u>
LFG-1	Figure F-1	South property boundary
LFG-2*	↓	Southwest property boundary
LFG-3*	↓	Northwest property boundary
LFG-4*	↓	North property boundary
S/A-SP-1	Figure F-2	Scalehouse/Admin. Bldg
S/A-SP-2	↓	↓
S/A-SP-3	↓	↓
S/A-SP-4	↓	↓
S/A-SP-5	↓	↓
S/A-SP-6	↓	↓
S/A-SP-7	↓	↓
S/A-SP-8	↓	↓
S/A-SP-9	↓	↓
M-SP-110	Figure F-3	Maintenance Building
M-SP-211	↓	↓
M-SP-312	↓	↓
M-SP-413	↓	↓
SP-14	Figure F-4	Leachate Treatment Facility Office
SP-15	↓	↓
SP-16	↓	↓

~~* = to be installed within 120 days of permit issuance~~

Gas monitoring probes LFG-1 through LFG-4 are to be clearly labeled and easily visible at all times.

Amended July 21, 2003

SPECIFIC CONDITIONS:

21. **Gas Remediation.** If the results of gas monitoring show that combustible gas concentrations exceed 25% of the LEL calibrated to methane in structures or 100% of the LEL calibrated to methane at the property boundary, the permittee shall immediately take all necessary steps to ensure protection of human health and notify the Department. **Within seven (7) days** of detection, a gas remediation plan detailing the nature and extent of the problem and the proposed remedy shall be submitted to the Department for approval. The remedy shall be completed **within sixty (60) days** of detection unless otherwise approved by the Department.

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22. **Stormwater Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C.

b. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance and shall be repaired in accordance with the Operations Plan and the conditions of this permit. ~~For Conveyances not performing adequately due to erosion or related sedimentation shall be repaired within seven (7) days., corrective action shall be implemented within thirty (30) working days.~~ Documentation of all inspections and repairs shall be kept on file at the facility. [ref. SC#2.c., Section K.7.j., page K-11]

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23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Chapter 62-296, F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department and the Hillsborough County Environmental Protection Commission, in accordance with Specific Condition #28.b., below.

24. **Closure Permit Requirements.** No later than ninety (90) days prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules.

SPECIFIC CONDITIONS:

25. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed within 180 days of reaching design dimensions in accordance with Rule 62-701.500(7)(g), F.A.C., and all applicable requirements of Department rules.

26. **Financial Assurance.** The permittee shall provide financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by September 1st each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

27. **Control of Nuisance Conditions.**

a. The operating authority shall be responsible for the control of odors and fugitive particulates (dust) arising from this operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

b. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors offsite, the owner or operator shall submit an odor abatement plan to the Department **within sixty (60) days** of initial detection. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

28. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of: access to disposal areas; equipment; stormwater systems; cover systems; leachate collection, removal, treatment and storage systems; and gas migration control systems, surface water monitoring system, groundwater monitoring system, and the prevention of erosion and ponded water in disposal areas.

SPECIFIC CONDITIONS:

(Specific Condition #28., continued)

b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including damaged or dry groundwater monitoring wells) fire, explosion, the development of sinkhole(s) or other subsurface instability, at the site, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence. Routine maintenance does not require notification but shall be noted on daily reports.

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #38, or as otherwise approved by the Department.

d. In the event that the ~~stormwater~~ or leachate management systems are damaged or are not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department.

e. ~~For~~ Intermediately covered disposal areas, or other disposal areas which discharge to the stormwater management system, which exhibit significant erosion, ~~the permittee shall be repaired according to the following schedule: implement corrective action within 3 days of detection [ref. SC#2.c., page K-11]. For the purposes of compliance with this Specific Condition, "significant" means that either:~~

- 1) If the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, then repaired within seven (7) days; and
- 2) If waste or liner is exposed, then repaired by the end of the next working day.

f. Turbidity shall be controlled by methods approved by the Department. By October 1, 2003, the permittee shall submit an evaluation of the effectiveness of the turbidity control methods including all of the information required as part of the Department's April 3, 2003 letter.

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SPECIFIC CONDITIONS:

29. Water Quality Monitoring Quality Assurance.

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) ~~follow all applicable procedures~~ described in DEP SOP-001/01 (January 2002), as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that are certified by the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(1), F.A.C., and in accordance with the schedule referenced in Rule 62-160.300(2), F.A.C. ~~in accordance with the schedule referenced in Chapter 62-160, F.A.C.~~ The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

b. The field testing, sample collection, sample preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department, or as published in Standard Methods or by A.S.T.M., or EPA methods shall be used. ~~Alternate field procedures and laboratory methods may be used if they have been approved according to the requirements of Rule 62-160.220 and 62-160.330, F.A.C.~~

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30. Zone of Discharge.

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.

SPECIFIC CONDITIONS:

31. **Leachate Influent Sampling.** Grab samples of leachate influent (WACS testsite ID No. 919) shall be collected from the PPS-A (Leachate Sampling Location No. 001 as shown on attached Figure 2-1 prepared by SCS Engineers, received April 15, 2003) by manually lowering and retrieving leachate using a decontaminated Teflon bailer to comply with the requirements of Rules 62-701.510(5) and 62-701.510(6)(c), F.A.C., as follow:

a. **Annual** leachate influent sampling shall be conducted for analysis of the following parameters:

Field Parameters
Specific conductivity
pH
Dissolved oxygen
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Bicarbonate
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

b. If the annual leachate influent analysis indicates that a contaminant listed in 40 CFR Part 261.24 exceeds the regulatory level listed therein, the permittee shall initiate monthly sampling and analysis of the parameters listed in Specific Condition No. 31.a., and shall notify the Department in writing. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.

Amended July 21, 2003

32. **Leachate Treatment Plant Effluent/Sludge Testing.** The locations, parameters, and frequencies specified herein represent the minimum requirements for leachate treatment plant monitoring. Additional samples and parameters may be required based upon subsequent analysis. To provide reasonable assurance of adequate leachate treatment, the permittee shall collect representative samples of treated leachate effluent (WACS testsite ID No. 19864) and of waste sludges, and shall submit the results of analyses as follow:

a. Treated leachate effluent shall be sampled and analyzed for the primary and secondary drinking water standards (Rules 62-550.310 and 62-550.320, F.A.C.) and the priority pollutants (U.S. Environmental Protection Agency, 40 CFR Part 423, Appendix A) **within 30 days** after extended (greater than 3 weeks) downtime maintenance or repairs, and **semi-annually** thereafter.

SPECIFIC CONDITIONS:

(Specific Condition #32., continued)

b. Treated leachate effluent shall be sampled at the frequency listed below, and the analytical results shall be submitted quarterly, as follows: Quarter 1 results shall be submitted by **April 15th**; Quarter 2 by **July 15th**; Quarter 3 by **October 15th**; and, Quarter 4 by **January 15th**, for the following parameters:

<u>Parameter</u>	<u>Unit</u>	<u>Frequency</u>
pH	STD UNITS	Weekly
BOD ₅	mg/L	Monthly
COD	mg/l	Monthly
TSS	mg/l	Monthly
Nitrate-N	mg/l	Monthly
TDS	mg/l	Monthly

c. Waste sludge from the leachate treatment plant shall be sampled and analyzed **annually** using Department SOPs for the following parameters:

Toxicity Characteristic Leaching Potential Test (TCLP) for the organics, metals and pesticides listed in 40 CFR Part 261.24, Table 1

Total nitrogen (percent dry weight)	
Total phosphorous (percent dry weight)	
Total potassium (percent dry weight)	
Cadmium (mg/kg dry weight)	Arsenic (mg/kg dry weight)
Lead (mg/kg dry weight)	Copper (mg/kg dry weight)
Molybdenum (mg/kg dry weight)	Mercury (mg/kg dry weight)
Selenium (mg/kg dry weight)	Nickel (mg/kg dry weight)
pH (standard units)	Zinc (mg/kg dry weight)
	Solids (percent)

Waste sludge that is not classified as hazardous waste (Chapter 62-730.030, F.A.C.) and that passes the paint filter test may be disposed in the Class I landfill. Based upon the results of the analyses, the Department may require further testing and alternative disposal to assure compliance with all Department rules and regulations. The Department shall be notified within thirty (30) days of alternative sludge disposal.

33. Land Application of Leachate Treatment Plant Effluent. Spray irrigation of effluent from the leachate treatment facility is allowed over intermediately closed portions of the landfill at a maximum of 0.1 inch per application followed by two hours (waiting period) between each application, for a maximum of 0.3 inch per day. Under no circumstance shall treated leachate effluent be allowed to discharge as runoff to adjacent storm water systems or conveyance ditches. Treated leachate effluent shall not be sprayed during weather conditions or in quantities that may cause runoff, surface seeps, wind-blown spray, or exceedances of limits of leachate head on the liner. The spray irrigation of treated leachate effluent shall not cause ponding on landfilled areas.

SPECIFIC CONDITIONS:

(Specific Condition #33., continued)

Spray irrigation shall take place only when runoff into the onsite retention areas downgradient from the spray areas has terminated for 2 hours based on daily inspections of the influent point to each related retention area, or as follows, whichever is more restrictive:

- a. At least 4 hours after a rainfall of 0.75 inch or less, or
- b. At least 24 hours after a rainfall of 0.75 to 2.5 inches, or
- c. At least 48 hours after a rainfall of 2.5 inches or greater

The following shall be recorded daily:

- Treated effluent sprayed (gal/day)
- Rainfall onsite (inches/day and time/duration of rainfall occurrence)
- Observed runoff influent to retention area (yes/no and inspection time)

The gallons per day sprayed shall be recorded separately for each application area. The time of day shall be reported immediately following the end of rainfall and when no observed runoff was observed in downgradient ponds and ditches prior to spraying.

Spraying shall take place on slopes no steeper than 10%; on areas of fair grass cover (as per HELP model); only between the hours of 8 a.m. and 4 p.m.; no closer than 100 feet from the liner anchor trench; and on areas that have not reached closure designed dimensions (have not received permanent final cover).

34. Surface Water Sampling.

a. All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

SPECIFIC CONDITIONS:

(Specific Condition #34., continued)

b. Surface water sample collection points shall be located as shown on Figure 2-1, prepared by SCS Engineers, received April 15, 2003 ~~revised March 2002~~ (attached), as follows:

Surface	WACS	
Water No.	Testsite No.	Location
1-A*	831	Northern portion of Smith Lake (staff gauge)
1-D	834	Western portion of Smith Lake
3A	836	Drainage ditch to Long Flat Creek at SW boundary
3B2B	837	Drainage ditch to Long Flat Creek, WNW of TH-30
3C2	838	Drainage ditch to Long Flat Creek at NW boundary

* = Water Elevation Measurement ONLY at Station No. 1-A

In accordance with Rule 62-701.510(4)(c), F.A.C., the monitoring stations shall be marked and their positions shall be determined by a registered Florida land surveyor in degrees, minutes and seconds of latitude and longitude.

c. **Semi-annual** surface water sampling shall be conducted at Station Nos. 1-D, 3A, 3B2B and 3C2 in accordance with Rule 62-701.510(6)(e), F.A.C., for analysis of the following parameters:

Field parameters	Laboratory parameters	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness	Total nitrogen
Dissolved oxygen	Total phosphates	Chemical oxygen demand (COD)
Turbidity	Chlorophyll A	Fecal coliform
Temperature	Copper	Biochemical oxygen demand (BOD ₅)
Colors and sheens	Iron	Total dissolved solids (TDS)
(by observation)	Mercury	Total suspended solids (TSS)
	Nitrate	Zinc
	Those parameters listed in 40 CFR Part 258,	
	<u>Appendix I</u>	

Amended July 21, 2003

SPECIFIC CONDITIONS:

35. **Groundwater Monitoring Well Locations.** The ground water monitoring plan is described in the submittal entitled *Groundwater Monitoring Plan Evaluation, Southeast County Landfill and Capacity Expansion Area, Hillsborough County, Florida*, prepared by SCS Engineers, dated and received April 15, 2003 ~~May 2001 (revised July 16 2001, December 2001, March 4, 2002, and April 2, 2002)~~. The active monitor well locations for Phases I - VI shown on attached Figure 2-1 (received April 15, 2003 ~~revised March 2002~~) are described as follows:

Well No.	WACS Testsite ID Number	Aquifer	Designation	Location
TH-19	821	Floridan	Background	See Figure 2-1
TH-22	824	Surficial	Piezometer	↓
TH-22A*	19861	Surficial	Background	↓
TH-28	826	Surficial	Piezometer	↓
TH-28A*	19862	Surficial	Detection	↓
TH-30	1065	Surficial	Piezometer	↓
TH-38A	1154	Surficial	Piezometer	↓
TH-38B*	19863	Surficial	Background Piezometer	↓
TH-40	822	Floridan	Horizontal Detection/ Vertical Compliance	↓
TH-57	1570	Surficial	Detection	↓
TH-58	1571	Surficial	Detection	↓
TH-65**	20530	Surficial	Detection	↓
TH-66	20531	Surficial	Detection	↓
TH-67**	20532	Surficial	Detection	↓

* = ~~to be installed within 120 days of permit issuance~~

** = to be installed within 120 days of permit modification No. 35435-008 issuance in accordance with the construction details provided in Figure M-2, of the Engineering Report (for Section 7), received May 5, 2003. Documentation of well construction details as indicated in Specific Condition Nos. 38.b. and 38.d. shall be submitted within 90 days of well construction.

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.

Amended July 21, 2003

36. **Groundwater Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-522, F.A.C. Compliance with ground water standards shall be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition No. 36.b. at all active and inactive wells and piezometers listed in Specific Condition Nos. 35. and 37. to a precision of 0.01 foot. The ground water surface contour maps prepared for each sampling event shall include ground water elevations (feet NGVD) calculated for each well and piezometer.

SPECIFIC CONDITIONS:

(Specific Condition #36., continued)

b. Background wells (TH-19 and TH-22A), ~~and TH-38B~~ and detection wells (TH-28A, TH-40, TH-57, ~~and TH-58~~, TH-65, TH-66 and TH-67) shall be sampled **semi-annually** for analysis of the following parameters:

Field Parameters
Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in 40 CFR
Part 258, Appendix I

c. The initial sampling event at replacement wells TH-65, TH-66, and TH-67 ~~TH-22A, TH-28A, and TH-38B~~ shall be conducted for analysis of the following parameters:

Field Parameters
Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

Amended July 21, 2003

37. **Inactive Monitor Wells (Phases I through VI).** Existing monitor wells ~~TH-19A, TH-20A, TH-20B, TH-24, TH-26, TH-32, TH-35, TH-35A, TH-36A, TH-41, TH-42, and TH-56, TH-59, TH-60, TH-61 (a/k/a P-9D), TH-62, and TH-63~~ shall be considered to be inactive and reserved for future use. Ground water levels shall be measured in the inactive monitor wells during all sampling events described in Specific Condition No. 36.b. Existing piezometers ~~P-2S, P-2D, P-3S, P-3D, P-4S, P-4D, P-5D, P-6D, P-7D, P-8D, and P-11D P-9D and P-10D~~ shall be included in monthly water level measurements conducted by Hillsborough County.

Amended July 21, 2003

38. **Groundwater Monitoring Well Construction.** The following information shall be submitted ~~within 90 days of installation of~~ for all new or replacement monitor wells (and included piezometers), or as stated below:

a. Prior to construction of all new or replacement monitor wells, the permittee shall request and receive Department approval of a minor permit modification.

SPECIFIC CONDITIONS:

(Specific Condition #38., continued)

- b. **Within one week of monitor well completion and development**, each new monitor well shall be sampled for the parameters listed in Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.
- c. **Within 90 days of monitor well installation**, construction details (record drawings) for all new or replacement monitor well shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (attached).
- d. **Within 90 days of monitor well installation**, a surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned), horizontally located in degrees, minutes and seconds of latitude and longitude, and showing the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification numbers, and the locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended July 21, 2003

39. **Well Abandonment.** All wells and piezometers not included as part of the approved Water Quality Monitoring Plan and not listed in Specific Condition Nos. 35. and 37., and not shown on surveyed drawing(s) described in Specific Condition No. 38.d., are to be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment**. A written request for exemption from the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended July 21, 2003

SPECIFIC CONDITIONS:

40. **Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected reported in the detection wells at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria at the edge of the zone of discharge, the permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

Amended July 21, 2003

41. **Water Quality, Leachate and Sludge Reporting Requirements.** All leachate, surface water and ground water quality monitoring results shall be reported on Department Form 62-522.900(2), Groundwater Monitoring Report (attached). The permittee shall submit the results of the leachate effluent quality analysis (required by Specific Condition #32.b.), by **January 15th, April 15th, July 15th, and October 15th of each year.** The permittee shall submit the results of the leachate influent (required by Specific Condition #31.) and sludge (required by Specific Condition #32.c.) analysis by **January 15th of each year.** The permittee shall submit the results of surface water (required by Specific Condition #34.c.) and ground water (required by Specific Condition #36.b.) and leachate effluent (required by Specific Condition #32.a.), analysis by **January 15th and July 15th of each year** for the semi-annual periods July-December and January-June, respectively. The reports that transmit the results of ground water analysis shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including a ground water contour map representing conditions at the time of ground water sampling and a summary of any water quality standards or criteria that are exceeded. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318; and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

Amended July 21, 2003

42. **Groundwater Monitoring Plan Evaluation.**

~~a. An evaluation of ground water flow between the eastern portion of the landfill and Smith Lake shall be submitted by June 1st, 2003. This evaluation shall include monthly water elevation data collected for one year following permit issuance at the following locations: P 7D, P 8D, P 9D, P 10D, P 11D, TH 20A, TH 20B, TH 38A, TH 38B, and the staff gauge in Smith Lake. The persistence of a ground water divide in this portion of the landfill shall be the basis for determining the appropriateness of the current designation of well TH 38B as a background well. In the event that well TH 38B is determined to be more appropriate as a detection well location, an alternate background monitor well shall be required, and the revision to the monitoring plan shall require a minor permit modification. The evaluation shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619; and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.~~

SPECIFIC CONDITIONS:

(Specific Condition #42., continued)

b. By June 1, 2004 and no later than December 1, 2006, the permittee shall submit an evaluation of the water quality monitoring data. The periods of time to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
June 1, 2004	First Half 2001	Second Half 2003

December 1, 2006	First Half 2004	First Half 2006
------------------	-----------------	-----------------

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may be reported shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619; and to: Environmental Protection Commission of Hillsborough County, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

Amended July 21, 2003

43. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

44. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

45. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

46. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

PERMITTEE: Hillsboroug s. Solid Waste Dept.
Mr. Daryl Smith, Director

PERMIT 35435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

45. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

46. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

47. **Certification of Construction Completeness.** Within **thirty (30) days** after the specified construction has been completed or as otherwise specified in this permit, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2) (form attached), signed and sealed by the responsible professional engineer for the construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include as-built plans details and elevations.

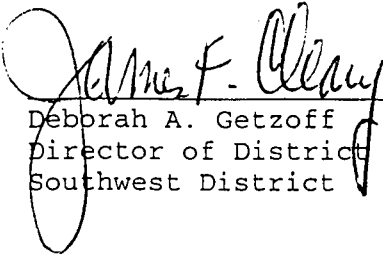
c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.

d. The engineer of record shall provide a report to verify conformance with the project specifications. The report including all related testing results shall be submitted to the Department along with the completion of construction documents.

New July 21, 2003.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Deborah A. Getzoff
Director of District Management
Southwest District

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
4.	180 days prior to permit renewal (December 1, 2006)	Submit permit renewal application
5.b., 28.b.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of: sinkholes, hazardous waste receipt, failure of landfill systems or equipment Written notification & corrective action plan
10.e.	Annually, by April 15th each year	Submit revised Operation Plan or statement of no changes
11.b.	Annually, by September November 1st each year	Submit topographic survey & capacity calculations, and certification
16.f.	Annually, by April 15 th each year April 15, 2003	Submit leachate management field investigation report First evaluation due
16.g.	Within 120 days of permit issuance	Install Temporary Pump Station 6 (TPS 6)
16.h.	30 days prior to expiration	Submit copies of leachate disposal agreements
16.i(1) 42.b.	By June 1, 2004 and December 1, 2006	Submit results and videotape of LCRS inspection/cleaning Submit water quality monitoring evaluation report
16.j(2) 19.c. 32.b., 41.	Quarterly, by January 15 th , April 15 th , July 15 th and October 15 th	Submit leachate generation reports Submit gas monitoring results Submit leachate effluent results
17.	180 days prior to permit renewal (December 1, 2006)	Submit Liner and Leachate Management System Performance Evaluation
20	Within 120 days of permit issuance	Install gas monitoring probes LFG-2, LFG-3 and LFG-4

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
24.	No later than 90 days prior to the date when wastes will no longer be received	Submit Closure Permit application
26.a.	Annually, by September 1 st each year	Submit revised cost estimates
26.b.	Annually	Submit proof of funding
28.c.	Within 60 days of notification	Complete repairs to groundwater monitoring system
28.d.	Within 30 days of notification	Implement corrective action for stormwater or leachate management system damage
31.a.	Annually	Leachate influent sampling/analysis
32.c.	Annually	LTRF sludge sampling/analysis
32.a.	Semi-annually	Sample/analyze treated effluent for primary and secondary drinking water standard parameters and priority pollutants
34.c.	Semi-annually	Sample/analyze surface water
35	Within 120 days of permit modification issuance	Install groundwater monitoring wells TH-22A, TH-28A, TH-38B-TH-65, TH-67
36.b.	Semi-annually	Sample groundwater monitoring wells
38.b.	Within 1 week of well completion and development	Conduct initial sampling
38.c. 38.d.	Within 90 days of installation	Submit well construction information, and survey drawing
39.	Within 30 days of well abandonment	Submit abandonment report
41.	Annually, by January 15 th each year	Submit leachate influent and sludge analysis
41.	Semi-annually, by January 15 th and July 15 th each year	Submit groundwater and surface water monitoring reports, and leachate effluent quality reports
42.a.	By June 1, 2003	Submit evaluation of groundwater flow between the eastern portion of the landfill and Smith lake



Figure 6-1. Piezocone Locations 2002.

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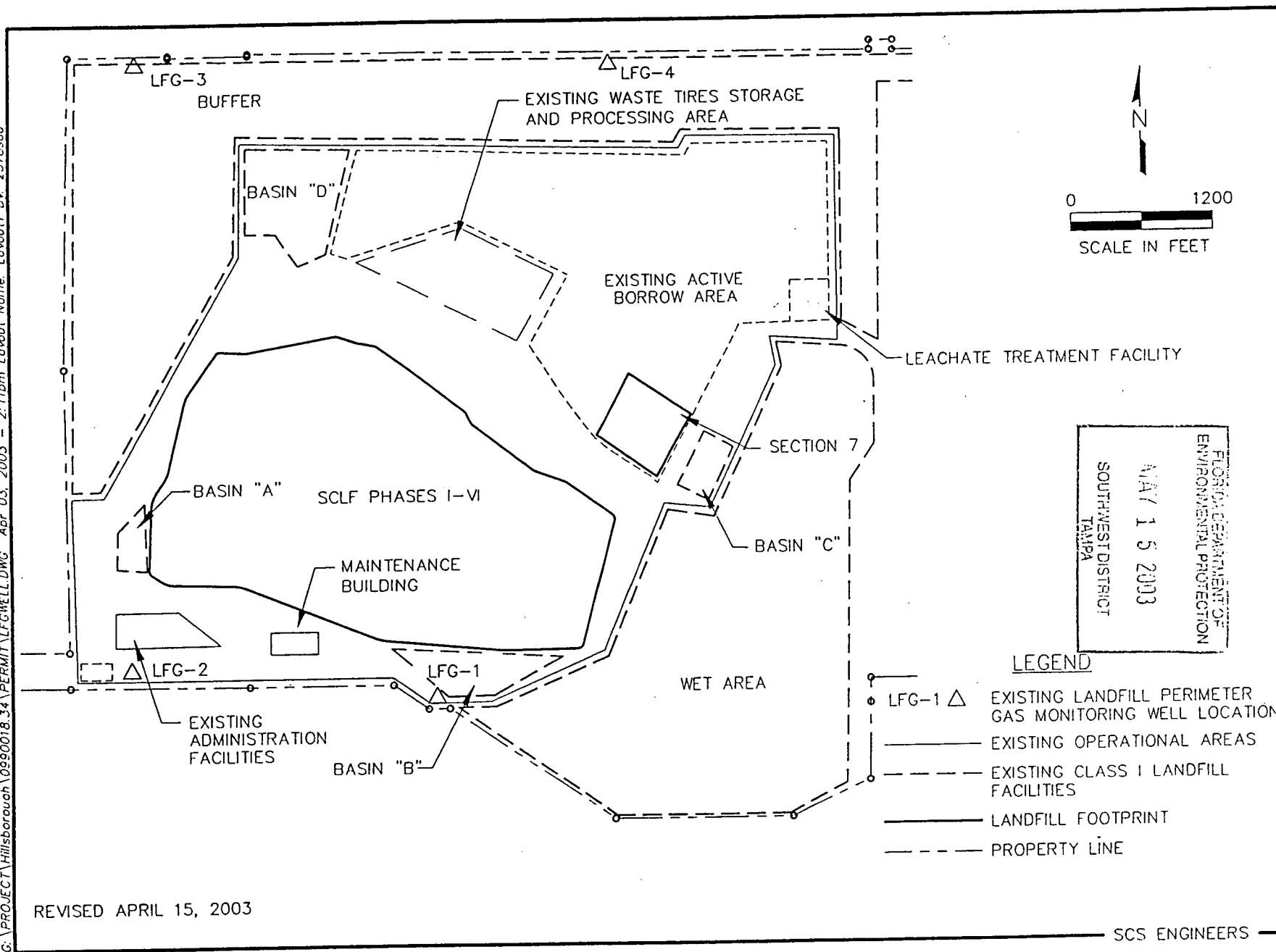
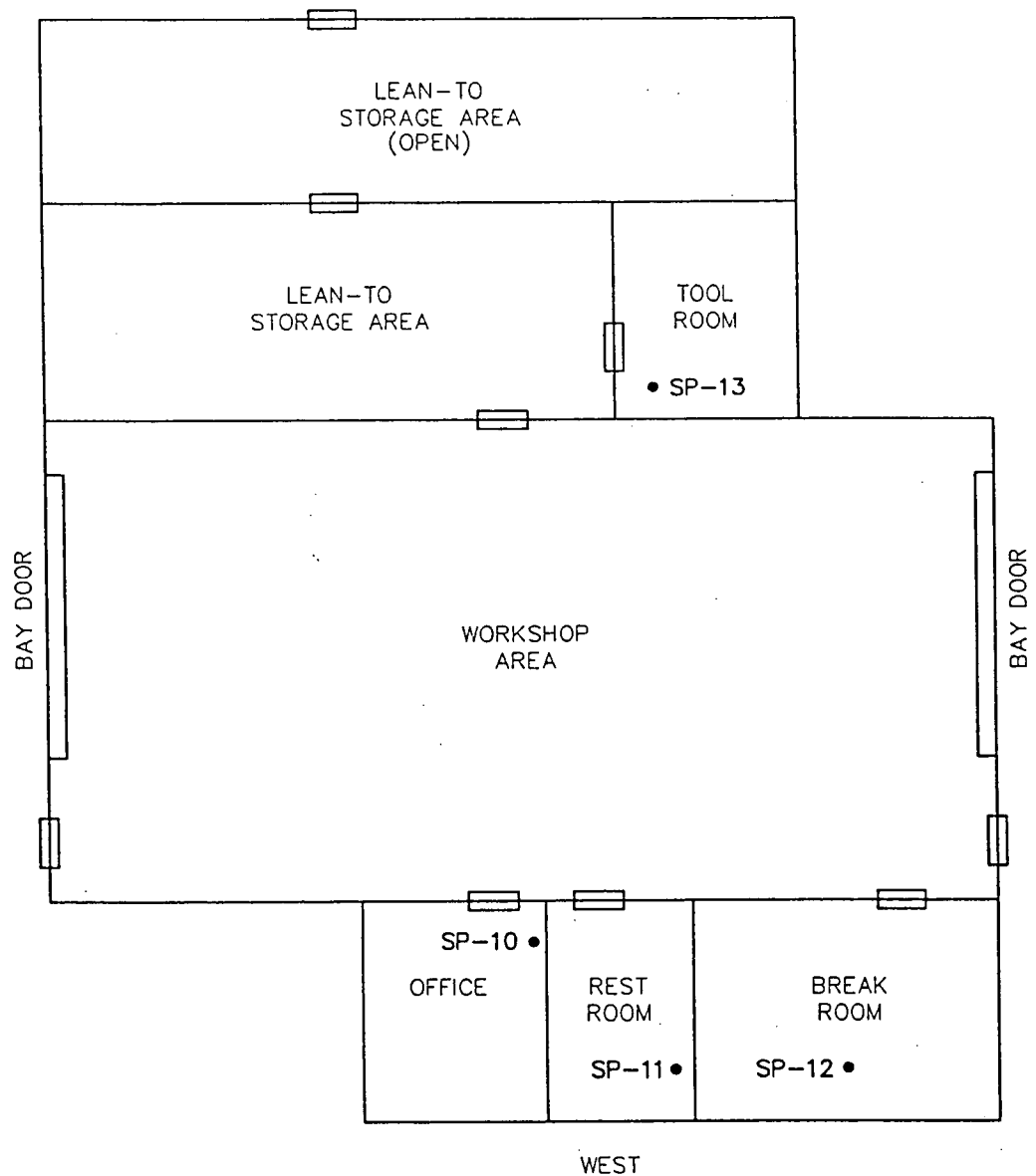


Figure F-1. Landfill Gas Perimeter Monitoring Wells

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LEGEND

- SP-10 • INDICATE GAS SAMPLE POINT
- DOORWAY

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 15 2003

SOUTHWEST DISTRICT
TAMPA

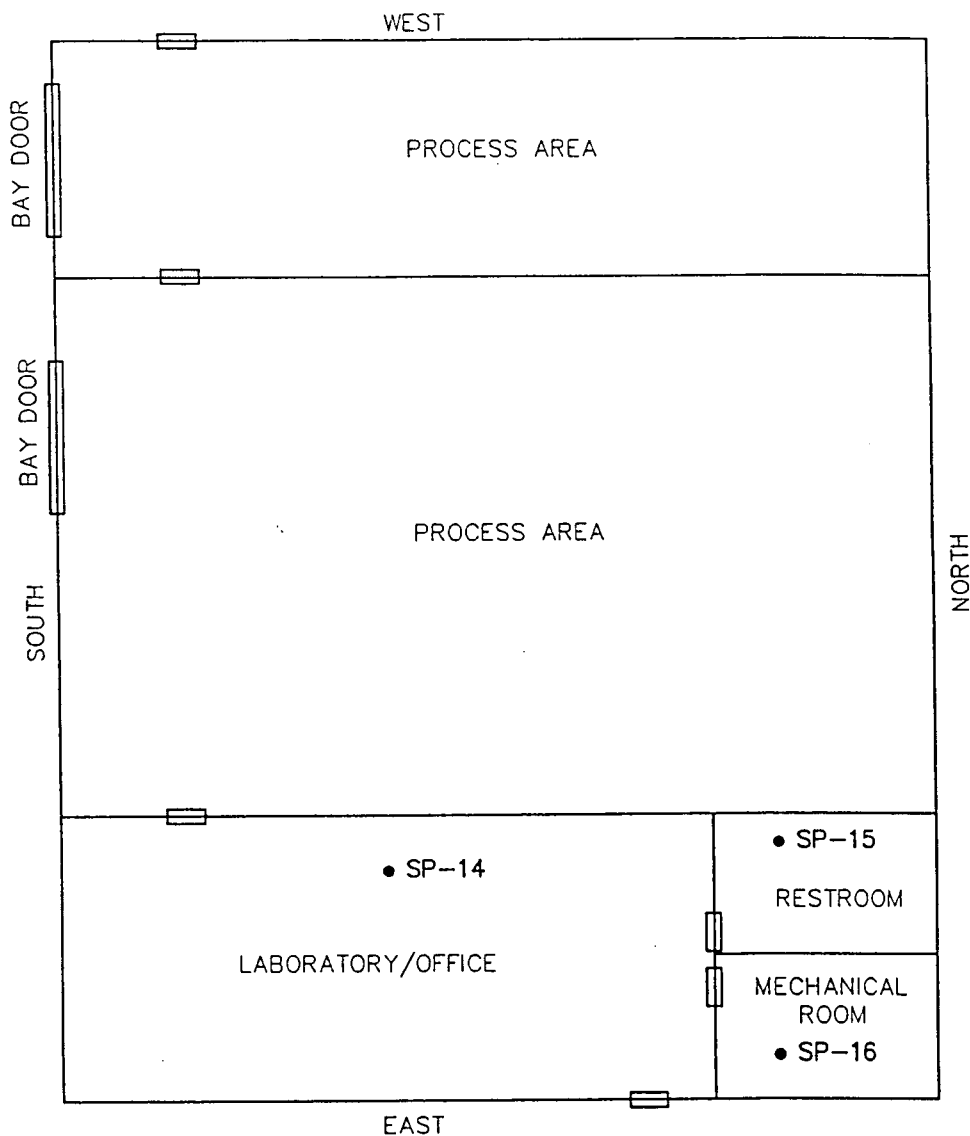
Revised December 10, 2002

NOT TO SCALE

SCS ENGINEERS

Figure F-3. Maintenance Building LFG Monitoring Points.

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LEGEND
SP-14 • INDICATE GAS SAMPLE POINT
= DOORWAY

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 15 2003

SOUTHWEST DISTRICT
TAMPA

Revised December 10, 2002.

NOT TO SCALE

SCS ENGINEERS

Figure F-4. LTRF Office LFG Monitoring Points.

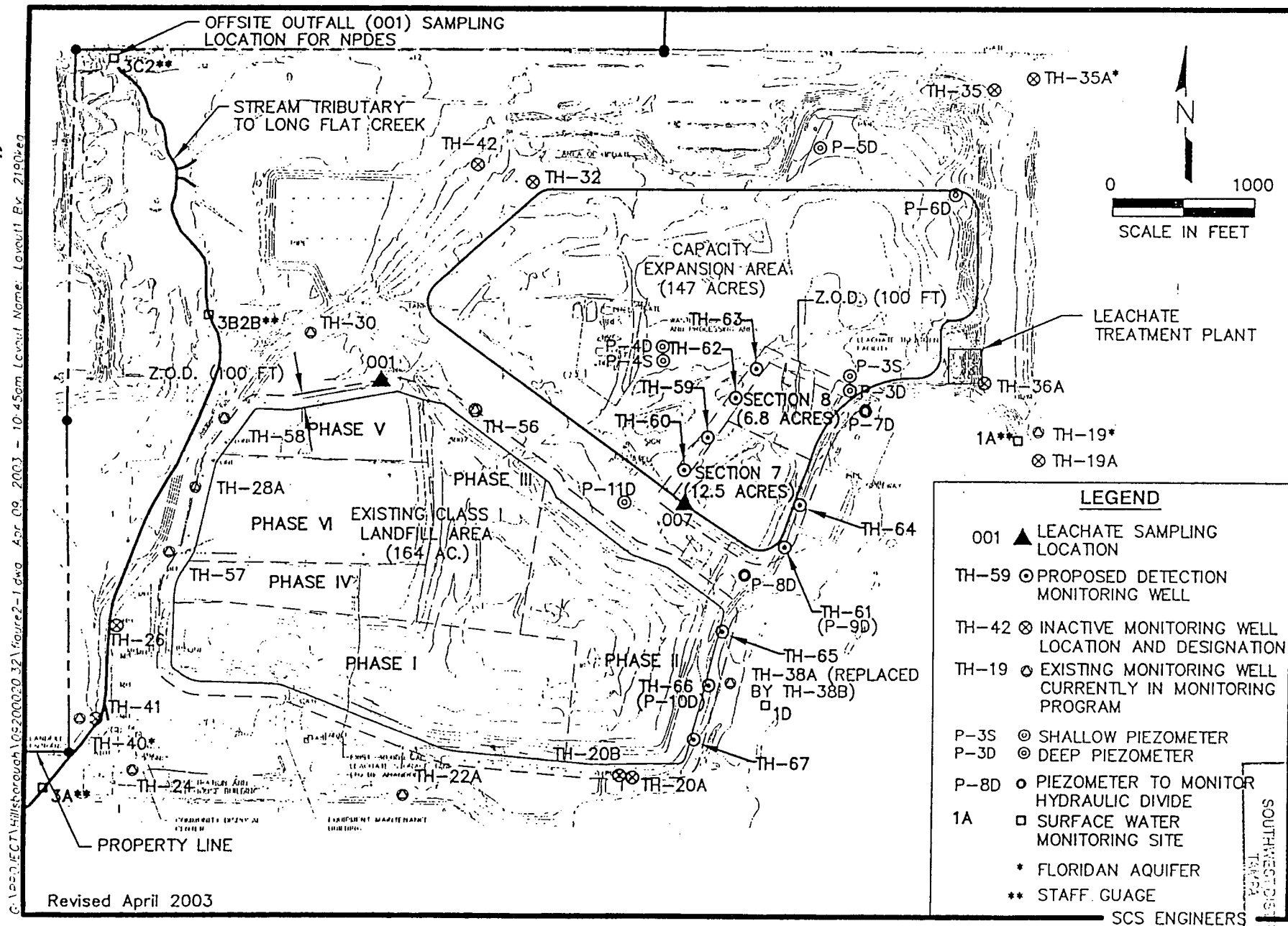


Figure 2-1. Location of Monitoring Wells, Piezometers, and Surface Water Sampling Points
Southeast County Facility, Hillsborough County, Florida

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522 990(3)
Form Title <u>MONITOR WELL COMPLETION REPORT</u>
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

MONITOR WELL COMPLETION REPORT

DATE: _____

INSTALLATION NAME: _____

DEP PERMIT NUMBER: _____ GMS NUMBER: _____

WELL NUMBER: _____ WELL NAME: _____

DESIGNATION: Background _____ Immediate _____ Compliance _____

LATITUDE/LONGITUDE: _____

AQUIFER MONITORED: _____

INSTALLATION METHOD: _____

INSTALLED BY: _____

TOTAL DEPTH: _____ DEPTH OF SCREEN: _____ (bls)

SCREEN LENGTH: _____ SCREEN SLOT SIZE: _____ SCREEN TYPE: _____

CASING DIAMETER: _____ CASING TYPE: _____

LENGTH OF CASING: _____ FILTER PACK MATERIAL: _____

TOP OF CASING ELEVATION (MSL): _____

GROUND SURFACE ELEVATION (MSL): _____

COMPLETION DATE: _____

DESCRIBE WELL DEVELOPMENT: _____

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): _____

DATE AND TIME MEASURED: _____

REMARKS: (soils information, stratigraphy, etc.): _____

REPORT PREPARED BY: _____

(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(2)
Form Title <u>Ground Water Monitoring Report</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (2) The GMS Identification Number _____
- (3) DEP Permit Number _____
- (4) Authorized Representative Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP # /HRS Certification # _____

 *Comp QAP # /HRS Certification # _____

Lab Name _____

Address _____

Phone Number () _____

PART III ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: _____

Test Site ID #: _____ Report Period: _____
(year/quarter)

Well Name: _____ Well Purged (Y/N): _____

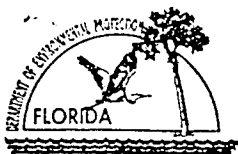
Classification of Ground Water: _____ Well Type: () Background

Ground Water Elevation (NGVD): _____ () Compliance

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

* Attach Laboratory Reports



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.90(2)
Form Title <u>Certification of Construction Completion</u>
Effective Date <u>May 19, 1994</u>
DEP Application No. _____ (Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: _____ County: _____

Name of Project: _____

Name of Owner: _____

Name of Engineer: _____

Type of Project: _____

Cost: Estimate \$ _____ Actual \$ _____

Site Design: Quantity: _____ ton/day Site Acreage: _____ Acres

Deviations from Plans and Application Approved by DEP: _____

Address and Telephone No. of Site: _____

Name(s) of Site Supervisor: _____

Date Site inspection is requested: _____

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: _____ Dated: _____

Date: _____

Signature of Professional Engineer

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: X DEBORAH A. GETZOFF, Director of District Management

FROM/THROUGH:

William Kutash ENVIRONMENTAL ADMINISTRATOR

Susan Pelz SUPERVISOR

Kim Ford ENGINEER

DATE: 7/17/03

FILE NAME: Southeast County Landfill,

Phase I - VI

PROGRAM: Solid Waste

MOD. PERMIT #: 35435-008

PERMIT #: 35435-006-SO

COUNTY: Hillsborough

TYPE OF PERMIT ACTION: ISSUE DENY X MODIFY
TRANSFER OWNER NOD
PUBLIC NOTICE INTENT TO ISSUE

PUBLIC NOTICE PERIOD CLOSED? N/A

PETITION FILED? N/A

PERMIT SUMMARY: This operation permit modification is for approval of the revised operations plan, leachate management plan and a comprehensive groundwater monitoring plan. The operations plan and related drawings and documents demonstrate that the landfill will be filled and closed in sequence and the facility will be operated in compliance with the requirements for temporary storage of other wastes, training, water quality monitoring, and financial assurance.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The permit modification application was received on April 15, 2003. No deficiency letter was sent. A replacement Operations Plan and a replacement Leachate Management Plan were received on May 15, 2003.

This application was deemed complete on May 15, 2003.

Department Processing Time = 86 days (as of July 10, 2003)

Total Processing Time (TIH) = 86 days (as of July 10, 2003)

Day 90/30 for this Action is August 13, 2003.

Waiver of 90
day clock
Rec'd 7/11/03 -
waiver expires 8/13/03

Ford, Kim

From: Ford, Kim

Sent: Friday, July 18, 2003 3:40 PM

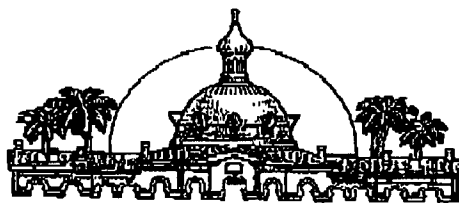
To: Pelz, Susan

Subject: voicemail from Larry Ruiz (SCS) - Southeast County Landfill Permits

on wednesday July 16, 2003 Larry Ruiz (SCS) at 3:20pm left me a voicemail to say both of the drafted **Southeast County Landfill permits are OK.**

Kim

7/18/2003



Hillsborough County
Florida

Solid Waste Management Department

Post Office Box 1110, Tampa, Florida 33601

(813) 276-2910

Landfill Services Section

Serving our customers with:

Residential and Commercial Collection Services-Outside Recycling-Resource Recovery

Household Chemical Collection-Adopt-A-Road and Adopt-A-Shore

Environmental Enforcement-Yard and Wood Waste Processing-Landfills Services

Community Collection Centers-Environmental Testing

DATE: 7-17-03

TO: Kim Ind

FAX: 744-6125

FROM: Patty Bunn

FAX #: (813) 276-2060

PHONE #: ☐ (813) 276-2908

☐ (813) 276-2910

☐ (813) 276-2926

☐ (813) 276-2927

☐ (813) 276-2933

SUBJECT: Permit # 35435-0060

COMMENTS: Hard Copy will follow

TOTAL PAGES SENT:
(Including cover sheet)

2.

**Hillsborough County
Florida****BOARD OF COUNTY COMMISSIONERS**

Kathy Castro
Pat Frank
Ken Hagan
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Stroud

Office of the County Administrator
Daniel A. Kleman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Kathy C. Harris
Edwin J. Hunzicker

[Handwritten signature]
July 16, 2003

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Southeast County Landfill Facility - Hillsborough County, Florida
Permits No. 35435-006-SO and 35435-007-SO

Dear Mr. Ford:

The Hillsborough County Solid Waste Management Department (SWMD) understands that the Florida Department of Environmental Protection (FDEP) has requested a comprehensive field survey that includes all the monitoring wells, piezometers and supply wells within the parcels of the Southeast County Landfill Facility and the adjacent parcels owned by the SWMD. The SWMD will begin preparation of the field survey and we anticipate that the completed survey will be submitted to the FDEP by October 31, 2003.

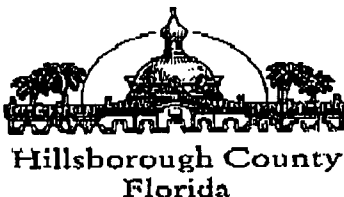
Regarding Specific Condition No. 39 of the referenced Operation Permits, the SWMD requests an exemption from abandonment of those monitoring wells, piezometers and supply wells to be included in the survey that are not part of the approved Water Quality Monitoring Plan. The SWMD intends to maintain these wells for activities not associated with the current landfill operations.

Additionally, the SWMD requests that the FDEP send us a copy of the related revised draft permit conditions for our review prior to issuing the permit. Should you have any questions or comments, please feel free to call me at (813) 272-5680.

Sincerely,

Daryl H. Smith
Director
Solid Waste Management Department

cc: Patricia V. Berry, SWMD
David S. Adams, P.G., SWMD



***Solid Waste Management Department
Management & Environmental Services***

***P.O. Box 1110
Tampa, FL 33601
(813) 276-2944
Fax: (813) 276-2960***

FAX TRANSMISSION COVER SHEET

Date: July 11, 2003
To: Kim Ford, P.E. / John Morris, P.G.
Fax: 744-6125
Subject: Waiver
Sender: David Adams, P.G.

YOU SHOULD RECEIVE 2 PAGE(S), INCLUDING THIS COVER SHEET.

Kim / John,
As requested, I am faxing the waiver form signed by Thomas Smith.
Should you or any interested party have any questions, please feel
free to call me at 813-276-2944.

Thanks,
Dave

WAIVER OF 90 DAY TIME LIMIT
UNDER SECTIONS 120.60(2) AND 403.0876, FLORIDA STATUTES

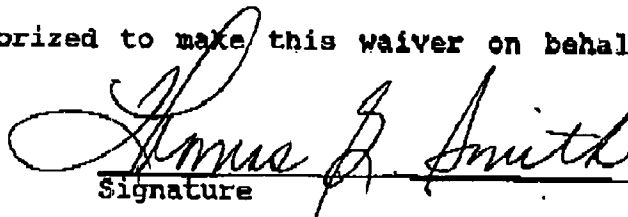
License (Permit, Certification) Application No. 35435-008 (mod)
~~modification of OPERATING PERMIT # 35435-006-50~~

Applicant's Name: Hillsborough County

With regard to the above referenced application, the applicant hereby with full knowledge and understanding of applicant's rights under Sections 120.60(2) and 403.0876, Florida Statutes, waives the right to have the application approved or denied by the State of Florida Department of Environmental Protection within the 90 day time period prescribed by law. Said waiver is made freely and voluntarily by the applicant, with full knowledge, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Protection.

This waiver shall expire on the 13 day of AUGUST 2003.

The undersigned is authorized to make this waiver on behalf of the applicant.


Signature

THOMAS G. SMITH
Name (Please Type or Print)

** Transmit Conf. Report **

P.1

Jul 11 2003 9:47

Telephone Number	Mode	Start	Time	Pages	Result	Note
92762960	NORMAL	11, 9:45	0'58"	5	# O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date: 7/11/03Number of pages including cover sheet: 5

To:

Daryl S. SmithHillsborough CountyC/O DAVE ADAMSPhone: 2262944Fax phone: 2762960

CC:

From:

Kim FongPhone: (813) 744-6100 x 382Fax phone: (813) 744-6125

REMARKS:

☐ Urgent☐ For your review☒ Reply ASAP☐ Please comment(1) WRITER REQUESTED(2) A SIGNED July 10, 2003 LETTER REQUESTED

(3) REVISED CONDITIONS #37, 38, 39 ATTACHED.
PLEASE CALL TO SAY OK SO
DEPT. OF ENVIRONMENTAL PROTECTION

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

7/11/03

Number of pages including cover sheet:

5

To:

Daryl Smith

Hillsborough County

C/O DAVE ADAMS

Phone:

2762944

Fax phone:

2762960

CC:

From:

Kim Fong

Phone:

(813) 744-6100 x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☒ Reply ASAP

☐ Please comment

(1) WAIVER REQUESTED

(2) A SIGNED July 10, 2003 LETTER REQUESTED

(3) REVISED CONDITIONS #37, 38, 39 Attached.
PLEASE CALL TO SAY OK SO
PERMIT CAN BE ISSUED.

Thank you.

WAIVER OF 90 DAY TIME LIMIT
UNDER SECTIONS 120.60(2) AND 403.0876, FLORIDA STATUTES

License (Permit, Certification) Application No. 35435-008 (mod.)
~~modification of OPERATOR permit # 35435-006-50~~
Applicant's Name: Hillsborough County

With regard to the above referenced application, the applicant hereby with full knowledge and understanding of applicant's rights under Sections 120.60(2) and 403.0876, Florida Statutes, waives the right to have the application approved or denied by the State of Florida Department of Environmental Protection within the 90 day time period prescribed by law. Said waiver is made freely and voluntarily by the applicant, with full knowledge, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Protection.

This waiver shall expire on the 13 day of August 2003.

The undersigned is authorized to make this waiver on behalf of the applicant.

Signature

Name (Please Type or Print)

July 10, 2003

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Southeast County Landfill Facility
Hillsborough County, Florida
Permits No. 35435-006-SO and 35435-007-SO

Dear Mr. Ford:

The Hillsborough County Solid Waste Management Department (SWMD) understands that the Florida Department of Environmental Protection (FDEP) has requested a comprehensive field survey that includes all the monitoring wells, piezometers and supply wells within the parcels of the Southeast County Landfill Facility and the adjacent parcels owned by the SWMD. The SWMD will begin preparation of the field survey and we anticipate that the completed survey will be submitted to the FDEP by October 31, 2003.

Regarding Specific Condition No. 39 of the referenced Operation Permits, the SWMD is requesting an exemption from abandonment of those monitoring wells, piezometers and supply wells to be included in the survey that are not part of the approved Water Quality Monitoring Plan. The SWMD intends to maintain these wells for activities not associated with the current landfill operations.

Additionally, the SWMD requests that the FDEP send us a copy of the related revised draft permit conditions for our review prior to issuing the permit. Should you have any questions or comments, please feel free to call me at (813) 272-5680.

Sincerely,

Daryl H. Smith
Director
Solid Waste Management Department

SPECIFIC CONDITIONS:

DRAFT

(Specific Condition #36., continued)

b. Background wells (TH-19 and TH-22A), ~~and TH-38B~~ and detection wells (TH-28A, TH-40, TH-57, ~~and TH-58~~, TH-65, TH-66 and TH-67) shall be sampled **semi-annually** for analysis of the following parameters:

Field Parameters

Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters

Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in 40 CFR
Part 258, Appendix I

c. The initial sampling event at replacement wells TH-65, TH-66, and TH-67 ~~TH-22A, TH-28A, and TH-38B~~ shall be conducted for analysis of the following parameters:

Field Parameters

Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters

Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

Amended _____

37. **Inactive Monitor Wells (Phases I through VI).** Existing monitor wells ~~TH-19A, TH-20A, TH-20B, TH-24, TH-26, TH-32, TH-35, TH-35A, TH-36A, TH-41, TH-42, and TH-56, TH-59, TH-60, TH-61 (a/k/a P-9D), TH-62, and TH-63~~ shall be considered to be inactive and reserved for future use. Ground water levels shall be measured in the inactive monitor wells during all sampling events described in Specific Condition No. 36.b. Existing piezometers ~~P-2S, P-2D, P-3S, P-3D, P-4S, P-4D, P-5D, P-6D, P-7D, P-8D, and P-11D~~ ~~P-9D and P-10D~~ shall be included in monthly water level measurements conducted by Hillsborough County.

Amended _____

38. **Groundwater Monitoring Well Construction.** The following information shall be submitted ~~within 90 days of installation of~~ for all new or replacement monitor wells (and included piezometers), or as stated below:

a. Prior to construction of all new or replacement monitor wells, the permittee shall request and receive Department approval of a minor permit modification.

DRAFT

SPECIFIC CONDITIONS:

DRAFT

(Specific Condition #38., continued)

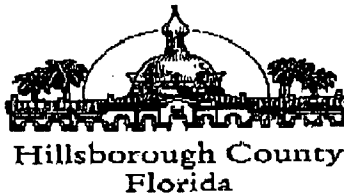
- b. **Within one week of monitor well completion and development,** each new monitor well shall be sampled for the parameters listed in Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.
- c. **Within 90 days of monitor well installation,** construction details (record drawings) for all new or replacement monitor well shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (attached).
- d. **Within 90 days of monitor well installation,** a surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned), horizontally located in degrees, minutes and seconds of latitude and longitude, and showing the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification numbers, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended _____.

39. **Well Abandonment.** All wells and piezometers not included as part of the approved Water Quality Monitoring Plan and not listed in Specific Condition Nos. 35. and 37., and not shown on surveyed drawing(s) described in Specific Condition No. 38.d., are to be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment.** A written request for exemption from the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended _____.

DRAFT



***Solid Waste Management Department
Management & Environmental Services***

*P.O. Box 1110
Tampa, FL 33601
(813) 276-2944
Fax: (813) 276-2960*

FAX TRANSMISSION COVER SHEET

*Date: July 10, 2003
To: Kim Ford, P.E. / John Morris, P.G.
Fax: 744-6125
Subject: Draft Letter Revised 2:20 pm 7/10/03
Sender: David Adams, P.G.*

YOU SHOULD RECEIVE 2 PAGE(S), INCLUDING THIS COVER SHEET.

Kim / John,

I am faxing the draft of a letter from Daryl Smith addressed to Mr. Ford. Please review and provide comment to Larry Ruiz or myself. Once we agree^{on} the language, I will have an original signed and delivered. Should you or any interested party have any questions, please feel free to call me at 813-276-2944.

**Thanks,
Dave**

July 10, 2003

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

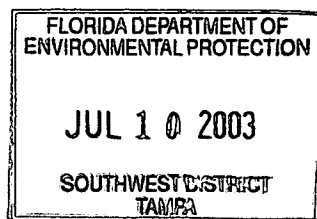
Subject: Southeast County Landfill Facility
Hillsborough County, Florida
Permits No. 35435-006-SO and 35435-007-SO

Dear Mr. Ford:

The Hillsborough County Solid Waste Management Department (SWMD) understands that the Florida Department of Environmental Protection (FDEP) has requested a comprehensive field survey that includes all the monitoring wells, piezometers and supply wells within the parcels of the Southeast County Landfill Facility and the adjacent parcels owned by the SWMD. The SWMD will begin preparation of the field survey and we anticipate that the completed survey will be submitted to the FDEP by October 31, 2003.

Regarding Specific Condition No. 39 of the referenced Operation Permits, the SWMD is requesting an exemption from abandonment of those monitoring wells, piezometers and supply wells to be included in the survey that are not part of the approved Water Quality Monitoring Plan. The SWMD intends to maintain these wells for activities not associated with the current landfill operations.

Additionally, the SWMD requests that the FDEP send us a copy of the related revised draft permit conditions for our review prior to issuing the permit. Should you have any questions or comments, please feel free to call me at (813) 272-5680.



Sincerely,

DRAFT

Daryl H. Smith
Director
Solid Waste Management Department



Hillsborough County
Florida

*Solid Waste Management Department
Management & Environmental Services*

*P.O. Box 1110
Tampa, FL 33601
(813) 276-2944
Fax: (813) 276-2960*

FAX TRANSMISSION COVER SHEET

*Date: July 10, 2003
To: Kim Ford, P.E. / John Morris, P.G.
Fax: 744-6125
Subject: Draft Letter
Sender: David Adams, P.G.*

YOU SHOULD RECEIVE 2 PAGE(S), INCLUDING THIS COVER SHEET.

Kim / John,
I am faxing the draft of a letter from Daryl Smith addressed to Mr. Ford. Please review and provide comment to Larry Ruiz or myself. Once we agree the language, I will have an original signed and delivered. Should you or any interested party have any questions, please feel free to call me at 813-276-2944.

Thanks,
Dave

July 10, 2003

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Southeast County Landfill Facility
Hillsborough County, Florida
Permits No. 35435-006-SO and 35435-007-SO

Dear Mr. Ford:

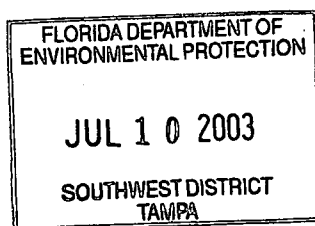
The Hillsborough County Solid Waste Management Department (SWMD) understands that the Florida Department of Environmental Protection (FDEP) has requested a comprehensive field survey that includes all the monitoring wells, piezometers and supply wells within the parcels of the Southeast County Landfill Facility and the adjacent parcels owned by the SWMD. The SWMD will begin preparation of the field survey and we anticipate that the completed survey will be submitted to the FDEP by October 31, 2003. It is our understanding that our commitment to conduct the requested survey should provide the justification for removal of the requirements listed in the proposed Specific Conditions Nos. 37 and 38.e.

Additionally, regarding the Specific Condition No. 39 of the referenced Operation Permits, the SWMD is requesting an exemption for abandonment of those monitoring wells, piezometers and supply wells to be included in the survey that are not part of the approved Water Quality Monitoring Plan. The SWMD intends to maintain these wells for activities not associated with the current landfill operations.

Should you have any questions or comments, please feel free to call me at (813) 272-5680.

Sincerely,

DRAFT



Daryl H. Smith
Director
Solid Waste Management Department

July --, 2003

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

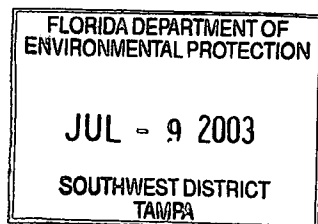
Subject: Southeast County Landfill Facility
Hillsborough County, Florida
Permits No. 35435-006-SO and 35435-007-SO

Dear Mr. Ford:

Based on my telephone conversation with Mr. John Morris on July 9, 2003, the Hillsborough County Solid Waste Management Department (SWMD) understands that the Florida Department of Environmental Protection (FDEP) has requested a comprehensive field survey that includes all the monitoring wells, piezometers and supply wells within the parcels of the Southeast County Landfill Facility and the adjacent parcels owned by the SWMD. The SWMD will begin preparation of the field survey and we anticipate that the completed survey will be submitted to the FDEP by October 31, 2003.

Should you have any questions or comments, please feel free to call me at (813) 276-2944.

Sincerely,



DRAFT

David S. Adams, P.G.
Environmental Manager
Solid Waste Management Department

Xc: Daryl H. Smith, SWMD
Patricia V. Berry, SWMD

Ford, Kim

From: Ford, Kim
Sent: Wednesday, July 09, 2003 2:06 PM
To: Pelz, Susan
Subject: FW: SCLF Phases V and VI Permit Modification; 09200020.13

Susan,
FYI. We should see about changing the determine agency action begin date and due date in PA if PA will accept it, sort of like a waiver since I did not write an RAI.
Kim

-----Original Message-----

From: Larry Ruiz [mailto:lrui@scsengineers.com]
Sent: Wednesday, July 09, 2003 1:32 PM
To: Ford, Kim
Cc: 'Patricia V. Berry (E-mail)'
Subject: SCLF Phases V and VI Permit Modification; 09200020.13

Hello Kim, as we discussed in our telephone conversation, the last revisions to the Operation Plan for the site were submitted to the FDEP on May 15, 2003. Therefore, we understand that May 15th is the date when the application for permit modification was deemed complete. Thanks.

Please call if you have any question.

Larry E. Ruiz, Assoc. AIA
SCS Engineers, Tampa, FL.
Voice: (813) 621-0080
Fax: (813) 623-6757

Ford, Kim

From: Ford, Kim
Sent: Wednesday, July 02, 2003 4:16 PM
To: Pelz, Susan; Petro, Stephanie; Smith, David G
Subject: conversation with Sheila (SCS) about the Turbidity "Addendum"

On July 2, 2003 at 3:05pm I spoke with Sheila about the "addendum" for other stormwater management system improvements (SCS letter dated June 26, 2003, with attachments) as follows:

1. I explained that DEP does not consider the addendum to be part of the previously approved correction actions (approved by DEP letter dated April 3, 2003), and should be provided separately to David Smith our stormwater engineer for his review and processing.
2. I mentioned that a permit modification may be required due to rerouting of stormwater, and Sheila said that its all internal (meaning that the drainage will go back to the original design at landfill closure). I said that may be in 30 years so the new design should be provided to the stormwater engineer for approval first before constructing improvements.
3. I suggested that Sheila call David Smith to review our DEP stormwater files so she can make an attempt to follow to same approval procedures as in the past and make reference to the appropriate stormwater permits that may need to be modified.
4. I requested that she send the same attachments to David Smith with a new cover letter after she determines what permits to reference and to send a copy of the same to us in the Solid Waste Section.
4. I suggested a meeting with David Smith after she sends her letter (signed and sealed) and that Larry Ruiz should attend since he has been in all the stormwater discussions with Randy Cooper previously. I said I would be intersested in attending also.
5. I said I would file the June 26th SCS letter and attachments, and solid waste comments will go to David Smith after he gets his new letter and we get a copy.

Kim

7/2/2003



Department of Environmental Protection

David B. Struhs
Secretary

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-0310

INFORMATION REQUEST

TO:

Sheela
SCS

We are pleased to send the enclosed information you requested.

If we can be of further service, please contact:

Kim B. Ford, P.E.
Solid Waste Section
Waste Management Division
3804 Coconut Palm Drive
Tampa, FL 33619-0310
(813) 744-6100, ext. 302

COMMENTS:

DRAFT PERM 155
① Station 7 and ② PHASE I - OK
PLEASE REVIEW AND CALL IF OK
with Hillsborough County. Thanks
fm 7/21/03

LOCATION

Box No: SWD/29/41193

5-006-SO

06/25/02

: 06/20/07

sborough

6'25"N

1'15"W

. 14, 15,

, 23, 24/31S/21E

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es I - VI

oter 403, Florida

62-4, 62-330, 62-520,

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for disposal of solid

672, southeast of Tampa,

ons attached are for the

'S

rox.) (2001)

ay w/single 36 mil CSPE

'S

ps in trenches; 8" HDPE &
eter & Pump Stations A & B

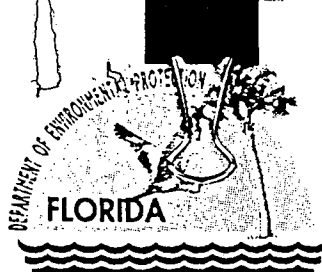
erior), 5% top

n Attachment 1 that
ment by the dates noted.
are not received by the
may be initiated to

assure compliance with the conditions of this permit.

"More Protection, Less Process"

DRAFT



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: 35435-006-SO
Date of Issue: 06/25/02
Expiration Date: 06/20/07
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15,
22, 23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a landfill, leachate treatment plant and related ancillary facilities (approximately 200 acres), referred to as Phases I - VI of the Southeast County Class I Landfill Facility, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of:

1. Class I Landfill and related facilities

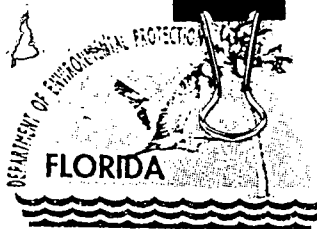
General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
c/o Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193

Permit No: 35435-007-SO

Date of Issue:

Expiration Date: 06/20/2007

County: Hillsborough

Lat/Long: 27°46'32"N

82°10'35"W

Sec/Town/Rge: 13, 14, 15,

22, 23, 24/31S/21E

Project: Section 7

Capacity Expansion,

Southeast County Landfill

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a Class I landfill (approximately 13 acres), referred to as the Section 7 Capacity Expansion of the Southeast County Landfill, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of a:

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1. Class I Landfill

General Information:	
Disposal acres	12.5 acres
Lowest elevation	+121 feet NGVD
Bottom liner design	Double, 60 mil HDPE
LCS design	Primary LCS piping on composite geonet
LDS design	Composite geonet
Final elevation,	+200 feet NGVD
Slopes	4H:1V sideslopes (exterior), 5% top slope

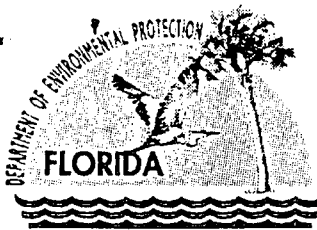
Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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Department of Environmental Protection

Jeb Bush
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Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: **35435-006-SO**
Date of Issue: **06/25/02**
Expiration Date: **06/20/07**
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15,
22, 23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

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This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate, maintain and monitor a landfill, leachate treatment plant and related ancillary facilities (approximately 200 acres), referred to as Phases I - VI of the Southeast County Class I Landfill Facility, subject to the specific and general conditions attached, for disposal of solid waste, located 8.8 miles east of U.S. 301 on C.R. 672, southeast of Tampa, Hillsborough County, Florida. The specific conditions attached are for the operation of:

1. Class I Landfill and related facilities

General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

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GENERAL CONDITIONS:

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7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

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GENERAL CONDITIONS:

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

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PERMITTEE: Hillsborough Co. Solid Waste Dept.
Mr. Daryl Smith, Director

PERMIT 35435-006-SO
Southeast County Landfill,
Phases I - VI

DRAFT

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class I landfill (Phases I - VI), leachate treatment plant and related facilities in accordance with the reports, plans and other information submitted by SCS Engineers, Inc. (SCS) (unless otherwise noted) as follows:

a. Operation Permit Renewal Application, Southeast County Landfill, Hillsborough County, Florida, dated May 2001 (received May 3, 2001) including information revised as follows (inserted into original):

- 1) Information dated July 16, 2001 (received July 17, 2001),
- 2) December 14, 2001 (received December 14, 2001), and
- 3) March 4, 2002 (received March 4, 2002);

b. ~~Attachment L-2, Groundwater Monitoring Plan Evaluation,...~~ dated April 15, 2003 ~~July 2001~~ (received April 15, 2003 ~~July 17, 2001~~), including revised pages 2-3 received April 2, 2002 May 5, 2003;

c. ~~Attachment K-1, Operations Plan,...~~ dated May 12, 2003 ~~May 2001 as revised July 2001~~ (received May 15, 2003 ~~July 17, 2001~~), including supplemental information received March 4, 2002;

d. Leachate Management Plan (LMP),... dated May 12, 2003 ~~May 2001 as revised July 2001~~ (received May 15, 2003 ~~July 17, 2001~~) including supplemental information received March 4, 2002, June 20, 2002 and June 24, 2002;

e. Plan sheets titled, Southeast County Landfill Operating Sequence, Permit Renewal - Appendix E, August 1994,... received August 22, 1994, including the following revised sheets:

- 1) Drawing 2 of 21, "Index, Legends and General Notes," received July 17, 2001;
- 2) Drawing 3 of 21, "Final Drainage Plan/Plot Plan," received July 17, 2001;
- 3) Drawing 7 of 21, "Phases V and VI - Lifts 7C, 7D and 7F," received July 20, 2001;
- 4) Drawing 8 of 21, "Phases I to IV - Lifts 8 to 11," received May 3, 2001;
- 5) Drawing 16B of 21, "Semi-annual Landfill Sections 3," received July 17, 2001;

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SPECIFIC CONDITIONS:

- 6) Drawing 16C of 21, "Semi-annual Landfill Sections 4," received July 17, 2001;
 - 7) Drawing 16D of 21, "Semi-annual Landfill Sections 5," received July 17, 2001;
 - 8) Drawing 16E of 21, "Semi-annual Landfill Sections 6," received July 17, 2001;
 - 9) Drawing 17 of 21, "Landfill Sections," received July 17, 2001;
 - 10) Drawing 19 of 21, "Details 2," received July 17, 2001
 - f. Plan sheets titled, Southeast County Landfill Lift 7 - Phases V and VI Sequence Drawings,... (9 sheets, replacing Drawings 6 and 7 of 21 dated August 1994) received December 31, 1998, except Drawing 7 of 21 as subsequently revised above;
 - g. "Facility Site Plan and Existing Topography," Drawing 1 of 1, dated April 18, 2001 (received May 3, 2001);
 - h. "Estimated Top of Clay Contours (as of January 2001)," Drawing 1 of 1, dated May 2001, as revised July 16, 2001 (received July 17, 2001), except as revised by Figures D-1 and D-2, Appendix D, received March 4, 2002;
 - i. General Process and Operation Manual for the PACT Leachate Treatment System (March 1994) received October 23, 1996;
- and in accordance with all applicable requirements of Department rules.
Amended _____

3. **Permit Modifications.**

- a. Construction, operation, or other activities subject to the Department's Solid Waste Regulations, not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the operations at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

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SPECIFIC CONDITIONS:

(Specific Condition #3., continued)

b. This permit authorizes the operation of the existing Class I landfill (Phases I - VI), leachate treatment facility and related appurtenances. This permit does not authorize the operation of the class I landfill Section 7 capacity expansion northeast of the existing landfill (construction permit #35435-004-SC). ~~Operation of the class I landfill expansion shall require a major (substantial) modification of this permit prior to operation. Operation of Pond B is not authorized by this permit until Department approval of the Certification of Construction Completion documentation required by Specific Condition #7 of construction permit #35435-005-SC.~~

c. Certification of Construction Completion shall be submitted for all Department-approved design features (such as stormwater related drainage improvements) in accordance with Specific Condition #47., below.

Amended _____

4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.320(10). Operation permit renewal shall include but not be limited to an updated Operations Plan and Site Plans for the sequence of filling with cross-section of lifts for changes if necessary.

Amended _____

5. **Prohibitions.**

a. The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this site.

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified **within 24 hours** of discovery. Written notification shall be submitted **within 7 days** of discovery. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

6. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

7. **Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rule 62-701.500, F.A.C.; the information listed in Specific Condition #2, above; and any other applicable requirements.

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SPECIFIC CONDITIONS:

(Specific Condition #7., continued)

b. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater outside the liner and leachate management systems at any time. ~~during the construction or operation of this facility.~~

c. Leachate discharge to area surface waters is not authorized by this permit. ~~Surface water discharge~~ and shall be considered a violation of this permit. ~~and~~ The permittee shall immediately report any such discharge to the Southwest District Office of the Department in accordance with Specific Condition #28.b., below.

d. The permittee shall clearly stake/mark the location of the edge of the geomembrane liner and maintain the locations as the landfill increases in elevation to prevent waste disposal and leachate runoff outside the geomembrane liner. The staking/markers shall be maintained at all times.

e. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Daily on operating days, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

f. The Class I disposal area shall be operated to limit the leachate head to one foot above the liner.

g. Waste shall not be disposed (i.e. covered, compacted, etc.) during non-daylight hours, unless sufficient lighting is provided to adequately assess the materials and remove unacceptable wastes.

h. Sufficient personnel and equipment shall be utilized to adequately operate the facility.

i. *Unauthorized Wastes.* A sufficient number of spotters and operators shall be utilized at the facility for removing unacceptable wastes. At a minimum, spotting shall occur at the working face from the ground (i.e. while off of the equipment).

j. *Site Inspections.*

1) The owner or operator shall inspect the site for erosion daily. Erosion shall be repaired in accordance with Specific Condition #28.e., below.

2) The owner or operator shall inspect the landfill facility at least quarterly for the presence of objectionable odors at the monitoring points LFG-1, LFG-2, LFG-3, and LFG-4. In the event that odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #27, below.

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SPECIFIC CONDITIONS:

(Specific Condition #7., continued)

3) The owner or operator shall inspect the normal traffic areas of the facility for litter daily on operating days. The accessible property boundaries shall be inspected for litter at least weekly. Litter shall be collected and disposed of in the Class I landfill, at least once per day on operating days, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures within 30 days.

k. *Emergency/Contingency Operations.*

1) In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (greater than 72 hours) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

2) *Equipment.* In the event of equipment breakdown or scheduled maintenance of essential equipment (such as equipment required for spreading, compacting and covering waste), the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence. In the event that sufficient reserve equipment is not obtained within 24 hours, the facility shall cease operation until sufficient equipment is operating at the site.

3) *Fires.* In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition #28.b., below, and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. ~~In no event shall the 12.5 acre SCLF Expansion Section 1 be used for waste disposal without prior written Department approval.~~

Amended _____

8. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the plan sheets listed in Specific Conditions #2.e and f., above, the Operations Plan [ref. SC#2.c.], and Table 1, Southeast Landfill Filling Sequence [ref. SC#2.a., Appendix J, July 16, 2001].

9. **Operating Personnel.**

a. The owner or operator shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner.

b. Sufficient trained personnel shall be available, to adequately operate the facility in compliance with this permit and Department rules. As required by Rule 62-701.500(1), F.A.C., at least one trained operator shall be at the Class I landfill at all times when the landfill receives waste. At least one trained spotter shall be at the working face when waste is received and unloaded, to inspect each load of waste from the ground (while off of the equipment), and to identify and properly manage prohibited materials.

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SPECIFIC CONDITIONS:

(Specific Condition #9., continued)

c. The permittee shall notify the Department in writing of a change of the County's primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request.

Amended _____

10. Operation Plan and Operating Record.

a. Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

b. Unless specified otherwise in this permit, all submittals, notifications, requests for permit modification, etc. shall be provided to the Southwest District Solid Waste Section, 3804 Coconut Palm Drive, Tampa, Fl. 33619, and a copy provided to the Environmental Protection Commission of Hillsborough County, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

c. Proposed changes to the current Department-approved Operations Plan shall be submitted in writing to the Department for review and may require a permit modification in accordance with Specific Condition #3. ~~unless otherwise approved in writing by the Department.~~ The Operations Plan shall be updated as operations change and for renewal of the permit. Revised pages shall be provided as replacement pages with revisions noted (deletions may be ~~struckthrough~~ (struckthrough) and additions may be shaded (shaded) or similar method may be used) and each page numbered with the document title and date of revision. ~~The Operations Plan shall be reviewed and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department annually, by April 15th each year.~~

d. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:

- 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
- 2) A log of the facility operator's daily inspections, and any subsequent corrective actions;
- 3) Load checking records;
- 4) A list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;

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SPECIFIC CONDITIONS:

(Specific Condition #10., continued)

- 5) Operator and spotter training certificates and other documentation; and
 - 6) Log of odor complaints and corrective action; and
 - 7) Records as described in Rule 62-701.500(13).
- Amended _____

11. Waste Records.

a. Waste records shall be maintained as required by Rules 62-701.500(4). The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled monthly and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) quarterly, by January 15th, April 15th, July 15th and October 15th of each year. Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition. ~~Records shall be maintained as required by Rules 62-701.500(4), and 62-701.500(13), F.A.C., and the conditions of this permit. Except water quality monitoring reports (e.g. groundwater, surface water and leachate), these records shall be maintained onsite, and copies provided to the Department upon request, or as otherwise specified in this permit. Water quality monitoring reports may be maintained at the site or at the County downtown office.~~

b. The owner or operator shall conduct a topographic survey of the Class I disposal area, and shall estimate the remaining disposal capacity and site life as required by Rule 62-701.500(13)(c), F.A.C. Annually, no later than September 1st each year ~~November 1st each year~~, a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or professional land surveyor as appropriate, ~~and revised sequence of filling drawing~~ shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design exterior sideslopes (4H:1V), 3H:1V and that the top elevation does not exceed design elevation, and that all other desing features and related improvements conform to the Department-approved operating sequence drawings. Certification of Construction Completion shall be submitted with the survey in accordance with Specific Condition #47., below..

c. ~~All notifications required by this permit, requests for permit modification and other reports shall be submitted to the Department's Southwest District office and also to Hillsborough County EPC, Solid Waste Section.~~

Amended _____

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SPECIFIC CONDITIONS:

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12. **Monitoring of Waste.**

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request. Load checks shall document the occurrence, type of unacceptable wastes, removal and disposition of unauthorized wastes discovered in the loads.

b. The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #28.b., below.

c. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customer's name and date of disposal, shall be kept on file by the operating authority on-site.

13. **Special Wastes.**

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the information referenced in Specific Conditions #2.a. and #2.c. (Operations Plan); Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented.

b. *Scrap metals.* The scrap metals shall be removed from the site at least monthly, or when the container is full, whichever occurs first. Scrap metals which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. The maximum quantity of scrap metal which may be stored at the site is limited to two 40 c.y. roll-off containers.

c. *Asbestos.* Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C.; the Operations Plan; and all other applicable federal and Department rules.

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SPECIFIC CONDITIONS:

(Specific Condition #13., continued)

d. Unauthorized special wastes (e.g. lead acid batteries, white goods, etc.), found at the working face, shall be stored in locations which do not adversely affect the sequence of filling. These wastes which may include residual contaminants (such as gasoline, oil, paint, antifreeze, PCBs, etc.) shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. These wastes shall be removed from the site for proper disposal at least **monthly**.

1) White Goods. The white goods shall be removed from the site at least **every 30 days**. ~~or when the container is full, whichever occurs first.~~ White goods which may contain chlorofluorocarbons (CFCs, such as freon), shall be stored and managed in a manner such that the CFCs are not discharged to the atmosphere. White goods which have had the refrigerant appropriately removed shall be clearly marked. A maximum of 50 white goods may be stored at the site at any time.

2) Lead acid batteries. The batteries shall be stored in a manner which prevents the discharge of contaminants to the environment. A maximum of 30 batteries may be stored at the site at any time.

3) Used oil. Used oil shall be stored in containers, and is limited to a maximum of 20 gallons stored at any time.

Amended _____

14. **Waste Handling Requirements.** All solid waste disposed of in the Class I disposal area shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial cover shall be applied and maintained daily in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

1) All solid waste disposed of in the Class I disposal area must be covered with at least 6 inches of compacted earth or other suitable material as approved by the Department in writing, at the end of each working day. Areas which have received initial cover and exhibit erosion which results in exposed waste shall be repaired **by the end of the next working day**.

2) Alternate initial cover materials not identified herein shall be approved by the Department prior to use at the facility.

- For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin.
- Waste tires that have been cut into sufficiently small parts, which means that 70 percent of the waste tire material is cut into pieces of 4 square inches or less and 100 percent of the waste tire material is 32 square inches or less, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area.

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SPECIFIC CONDITIONS:

(Specific Condition #14., continued)

- Municipal solid waste ash applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area.
- A 50% soil and 50% mulch mixture applied in a six (6) inch compacted layer may be used as initial cover, ~~with prior Department approval.~~

b. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(a) and (f), F.A.C.

1) An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion ~~at all landfills~~ if final cover or an additional lift is not to be applied within 180 days of cell completion.

2) Soil materials which have been previously used for intermediate or initial cover, and which contain solid waste (including ash), shall not be re-used on slopes which discharge to the stormwater management system or as interceptor ~~perimeter~~ berms around the perimeter of the active working face area. These materials may be re-used as initial cover provided the runoff from these areas is managed as leachate.

3) Materials other than soil shall not be used for intermediate cover without prior written Department approval.
Amended _____

15. Working Face.

a. As required by Rule 62-701.500(7)(d), F.A.C., the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously and to minimize the exposed area.

b. ~~Interceptor berms and/or swales~~ shall be maintained around the working area to prevent leachate runoff from the working face from entering the stormwater management system. Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste, and have been adequately ~~intermediately~~ covered with at least 6 inches of compacted soil (or a mixture of soil/mulch) free of waste ~~as defined by Rule 62-701.200(55), F.A.C.,~~ and stabilized to control erosion.

c. Waste shall be spread and compacted in accordance with the Operations Plan [ref. SC#2.c., ~~page K-8~~]. The working face slope ~~slopes~~ shall be no greater (steeper) than 3H:1V ~~4H:1V~~ [ref. SC#2.c., ~~K-7d~~].
Amended _____

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SPECIFIC CONDITIONS:

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16. Leachate Management.

a. Leachate shall be managed in accordance with the requirements of Rule 62-701.500(8), F.A.C., the information submitted in the references listed in Specific Condition #2, above, and other applicable Department rules.

b. Leachate which has accumulated on the surface in low areas within the active disposal area shall be removed from the disposal area within 72 hours ~~one (1) week of detection~~.

c. In the event that the leachate level in Pump Station B exceeds 24 inches, the operation of the PPS-B pump(s) and Bubbler Pump Controller shall be evaluated. If the cause of excessive leachate in PPS-B is pump failure, a replacement pump shall be installed within 8 hours of detection of the pump failure [ref. SC#2.a., Response #12(e)(5)d, July 16, 2001], otherwise, the Department shall be notified in accordance with Specific Condition #28.b., and a corrective action plan shall be submitted for Department approval.

d. The leakage action rate for the LDS in Pond B is 1500 gallons/day. In the event that this leakage action rate is exceeded, a permanent submersible pump shall be installed in the LDS [ref. SC#2.a., Response #9(i)(14), December 14, 2001]. Pond B may be used for leachate storage only with prior, written Department approval. The request for use of Pond B for leachate storage shall include the information described in the Leachate Management Plan, Section 4.7 ~~(page 4-5)~~ [ref. SC#2.d.].

e. The effluent depth in Pond A shall not exceed 4.5 feet. The effluent/leachate depth in Pond B shall not exceed 3.6 ~~4.5~~ feet.

f. In order to measure the potentiometric levels in the SCLF, the following field investigation (described in the LMP, Section 6, ~~page 6-2~~ [ref. SC#2.d.]) will be conducted **annually**, and submitted to the Department **by April 15th each year**. The first investigation is due no later than **April 15, 2003**. Piezocone soundings will be performed in the vicinity of PC-1B (Phase I), PC-4B/PC-4C (southeastern portion of Phase IV), PC-3/PC-3B (northeastern portion of Phase III), and PC-1F (eastern end of Phase I), as shown on Figure 6-1 (attached). The piezocones soundings will collect the following data:

- 1) Pore pressure above the phosphatic clays (within the sand drainage layer).
- 2) Elevation of the top and bottom of the phosphatic clays.
- 3) Pore pressure at the top, middle, and bottom of the phosphatic clay.
- 4) Pore pressure below the phosphatic clays.

A report will be prepared, signed and sealed, by a registered professional engineer following each monitoring event and submitted to the Department, presenting the findings and conclusions relative to the performance of the leachate collection system and recommendations as appropriate.

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SPECIFIC CONDITIONS:

(Specific Condition #16., continued)

g. ~~Within one hundred twenty (120) days of issuance of this permit, the permittee shall install Temporary Pump Station No. 6 (TPS-6).~~ TPS-6 will consists of a vacuum assisted pump (similar to PPS-B) with a 3-inch to 4-inch diameter suction line installed within the header of cleanout 4-1 to reach 600 feet into the landfill near the top of clay elevation +114 feet NGVD. ~~TPS-6 shall be equipped with a bubbler level control system, similar to PPS-B. [ref. SC#2.a, Response #7.f, March 4, 2002]~~ TPS-6 shall remain in place, and continue to be operated and maintained as described in the LMP Section 4.9, unless otherwise authorized by the Department.

h. *Leachate Disposal.*

1) In the event that the on-site Leachate Treatment and Reclamation Facility (LTRF) is not operational, leachate shall be hauled offsite for disposal at an appropriately permitted wastewater treatment facility. ~~[ref. SC#2.a, Section K.8.d, May 2001].~~ No later than **thirty (30) days** prior to the expiration of any contracts or agreements for the disposal of leachate at wastewater treatment facilities, the permittee shall provide a copy of the contract renewal or the issuance of a new contract for leachate disposal.

2) In the event that the primary leachate disposal facility or the LTRF becomes unable or unwilling to accept leachate for disposal, **within three (3) days** of the cessation of leachate acceptance by the POTW or LTRF, the landfill owner or operator shall notify the Department and shall explain the contingency measures which will be implemented. The contingency measures shall be implemented **within seven (7) days** of the cessation of leachate acceptance at the POTW or LTRF, or in accordance with an alternate schedule approved by the Department.

i. *Leachate Collection System Inspections/Maintenance.*

1) The leachate collection and removal system and gravity pipelines, shall be visually or video inspected or water pressure cleaned at cleanouts 4-1, 5-1, 5-2, 5-3, 6-1 and PPS-B access pipes to verify adequate performance twice during this permit period. Force mains shall be video inspected or water pressure cleaned when the pump station performance indicates that the force mains may be are obstructed. Components not performing adequately shall be cleaned and/or repaired. **By June 1, 2004 and no later than December 1, 2006**, a report summarizing the results, and copies of the videotape of this inspection shall be submitted to the Department to demonstrate adequate performance of the leachate collection and removal system. The inspection report shall include an evaluation of the effectiveness of the system, the locations of cleaning and video inspections (indicated on a Site Plan drawn to scale) and cause of all obstructions encountered, proposed corrective actions and schedule for implementation of corrective actions as appropriate. If the pipes are water-jet cleaned, the report shall include a description of the method of cleaning. The permittee shall retain a copy of the videotape at the facility for reference and shall provide a copy to the Department.

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SPECIFIC CONDITIONS:

(Specific Condition #16.i., continued)

2) Each pump and pump station and related sensors and controller mechanisms ~~Bubbler Pump Controller (BPC)~~ shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and repair, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility, and provided to the Department upon request.

3) Unless otherwise specified in this permit, the leachate collection and removal system components shall be inspected and maintained as described in the Leachate Management Plan [see Section 3, Table 3-1, ref. SC#2.d.].

j. *Leachate quantities.*

1) In the event of a failure of leachate metering or pumping equipment which is not corrected within 24 hours of detection, the Department shall be notified, and corrective actions implemented in accordance with Specific Condition #28.b., below.

2) Leachate generation reports shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th each year.** Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, recirculated, treated and disposed on-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

k. *Leachate Treatment and Removal System Operation.*

1) The leachate storage tanks shall be inspected as required by Rule 62-701.400(6)(c)9., F.A.C., and in accordance with the conditions of this permit. The tanks, containment area, truck loadout area, and other leachate treatment and storage system appurtenances shall be inspected at least weekly for leakage or other damage.

2) Biosolids and sludge from the LTRF shall be characterized at least **annually**, in accordance with Specific Condition #32.c., to demonstrate that the sludge and biosolids are non-hazardous. The sludge and biosolids shall be dewatered sufficiently (i.e. pass the paint filter test, EPA method 9095) prior to disposal in the landfill.

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SPECIFIC CONDITIONS:

17. No later than one hundred eighty (180) days prior to permit expiration (December 1, 2006), the permittee shall submit an evaluation of the performance of the clay bottom liner and leachate management system. The evaluation is to assure the Department that the clay bottom liner is consolidating as originally designed and to estimate the amount of consolidation and settlement of the clay bottom liner which has actually occurred. The evaluation shall be based on actual field data and shall include: a summary of clay performance and leachate management system performance based on the annual evaluations required by Specific Condition #16.f., above; leachate generation rates; top of clay contours and actual field measurements. The evaluation shall include recommendations for improvements to the liner and leachate collection and removal systems, if necessary, and shall be certified by a professional engineer.

18. **Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and Cc, as adopted by reference at Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

19. **Gas Monitoring.**

a. Landfills that receive biodegradable wastes shall have a gas management system designed to prevent explosions and fires, and to minimize off-site odors, lateral migration of gases and damage to vegetation. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C., (less than 25% of the lower explosive limit (LEL) for combustible gases in structures, and less than 100% LEL for combustible gases at or beyond the property boundary).

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SPECIFIC CONDITIONS:

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(Specific Condition #19., continued)

c. The results of quarterly monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

Measured During
Quarter 1
Quarter 2
Quarter 3
Quarter 4

Report Submitted By
April 15th of each year
July 15th of each year
October 15th of each year
January 15th of each year

Amended _____

20. **Gas Monitoring Locations.** All enclosed structures and the following gas monitoring locations shown on Figures F-1, F-2, and F-3, and F-4 prepared by SCS Engineers (attached), shall be sampled at least quarterly for the lower explosive limit of methane, as described in Rule 62-701.530(2), F.A.C.

<u>Monitoring Point</u>	<u>Location</u>	<u>Location Description</u>
LFG-1	Figure F-1	South property boundary
LFG-2*	↓	Southwest property boundary
LFG-3*	↓	Northwest property boundary
LFG-4*	↓	North property boundary
S/A-SP-1	Figure F-2	Scalehouse/Admin. Bldg
S/A-SP-2	↓	↓
S/A-SP-3	↓	↓
S/A-SP-4	↓	↓
S/A-SP-5	↓	↓
S/A-SP-6	↓	↓
S/A-SP-7	↓	↓
S/A-SP-8	↓	↓
S/A-SP-9	↓	↓
M-SP-110	Figure F-3	Maintenance Building
M-SP-211	↓	↓
M-SP-312	↓	↓
M-SP-413	↓	↓
SP-14	Figure F-4	Leachate Treatment Facility Office
SP-15	↓	↓
SP-16	↓	↓

~~* = to be installed within 120 days of permit issuance~~

Gas monitoring probes LFG-1 through LFG-4 are to be clearly labeled and easily visible at all times.

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SPECIFIC CONDITIONS:

21. **Gas Remediation.** If the results of gas monitoring show that combustible gas concentrations exceed 25% of the LEL calibrated to methane in structures or 100% of the LEL calibrated to methane at the property boundary, the permittee shall immediately take all necessary steps to ensure protection of human health and notify the Department. **Within seven (7) days** of detection, a gas remediation plan detailing the nature and extent of the problem and the proposed remedy shall be submitted to the Department for approval. The remedy shall be completed **within sixty (60) days** of detection unless otherwise approved by the Department.

Amended _____

22. **Stormwater Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C.

b. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance and shall be repaired in accordance with the Operations Plan and the conditions of this permit. ~~For Conveyances not performing adequately due to erosion or related sedimentation shall be repaired within seven (7) days., corrective action shall be implemented within thirty (30) working days.~~ Documentation of all inspections and repairs shall be kept on file at the facility. [ref. SC#2.c., Section K.7.j., page K-11]

Amended _____

23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Chapter 62-296, F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department and the Hillsborough County Environmental Protection Commission, in accordance with Specific Condition #28.b., below.

24. **Closure Permit Requirements.** No later than ninety (90) days prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules.

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SPECIFIC CONDITIONS:

25. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed within 180 days of reaching design dimensions in accordance with Rule 62-701.500(7)(g), F.A.C., and all applicable requirements of Department rules.

26. **Financial Assurance.** The permittee shall provide financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by September 1st each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

27. **Control of Nuisance Conditions.**

a. The operating authority shall be responsible for the control of odors and fugitive particulates (dust) arising from this operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

b. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors offsite, the owner or operator shall submit an odor abatement plan to the Department **within sixty (60) days** of initial detection. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

28. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of: access to disposal areas; equipment; stormwater systems; cover systems; leachate collection, removal, treatment and storage systems; and gas migration control systems, surface water monitoring system, groundwater monitoring system, and the prevention of erosion and ponded water in disposal areas.

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SPECIFIC CONDITIONS:

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(Specific Condition #28., continued)

b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including damaged or dry groundwater monitoring wells) fire, explosion, the development of sinkhole(s) or other subsurface instability, at the site, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence. Routine maintenance does not require notification but shall be noted on daily reports.

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #38, or as otherwise approved by the Department.

d. In the event that the ~~stormwater or~~ leachate management systems are damaged or are not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #28.b. above, unless otherwise approved by the Department.

e. ~~For~~ Intermediately covered disposal areas, or other disposal areas which discharge to the stormwater management system, which exhibit significant erosion, ~~the permittee shall be repaired according to the following schedule: implement corrective action within 3 days of detection [ref. SC#2.c., page K-11]. For the purposes of compliance with this Specific Condition, "significant" means that either:~~

- 1) If the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, then repaired within seven (7) days; and
- 2) If waste or liner is exposed, then repaired by the end of the next working day.

f. Turbidity shall be controlled by methods approved by the Department. By October 1, 2003, the permittee shall submit an evaluation of the effectiveness of the turbidity control methods including all of the information required as part of the Department's April 3, 2003 letter.

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SPECIFIC CONDITIONS:

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29. Water Quality Monitoring Quality Assurance.

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) ~~follow all applicable procedures~~ described in DEP SOP-001/01 (January 2002), as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that are certified by the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(1), F.A.C., and in accordance with the schedule referenced in Rule 62-160.300(2), F.A.C. ~~in accordance with the schedule referenced in Chapter 62-160, F.A.C.~~ The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

b. The field testing, sample collection, sample preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department, or as published in Standard Methods or by A.S.T.M., or EPA methods shall be used. ~~Alternate field procedures and laboratory methods may be used if they have been approved according to the requirements of Rule 62-160.220 and 62-160.330, F.A.C.~~

Amended _____.

30. Zone of Discharge.

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.

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SPECIFIC CONDITIONS:

31. **Leachate Influent Sampling.** Grab samples of leachate influent (WACS testsite ID No. 919) shall be collected from the PPS-A (Leachate Sampling Location No. 001 as shown on attached Figure 2-1 prepared by SCS Engineers, received April 15, 2003) by manually lowering and retrieving leachate using a decontaminated Teflon bailer to comply with the requirements of Rules 62-701.510(5) and 62-701.510(6)(c), F.A.C., as follow:

a. **Annual** leachate influent sampling shall be conducted for analysis of the following parameters:

Field Parameters
Specific conductivity
pH
Dissolved oxygen
Colors & sheens
(by observation)

Laboratory Parameters
Total ammonia - N
Bicarbonate
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

b. If the annual leachate influent analysis indicates that a contaminant listed in 40 CFR Part 261.24 exceeds the regulatory level listed therein, the permittee shall initiate monthly sampling and analysis of the parameters listed in Specific Condition No. 31.a., and shall notify the Department in writing. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.

Amended _____.

32. **Leachate Treatment Plant Effluent/Sludge Testing.** The locations, parameters, and frequencies specified herein represent the minimum requirements for leachate treatment plant monitoring. Additional samples and parameters may be required based upon subsequent analysis. To provide reasonable assurance of adequate leachate treatment, the permittee shall collect representative samples of treated leachate effluent (WACS testsite ID No. 19864) and of waste sludges, and shall submit the results of analyses as follow:

a. Treated leachate effluent shall be sampled and analyzed for the primary and secondary drinking water standards (Rules 62-550.310 and 62-550.320, F.A.C.) and the priority pollutants (U.S. Environmental Protection Agency, 40 CFR Part 423, Appendix A) **within 30 days** after extended (greater than 3 weeks) downtime maintenance or repairs, and **semi-annually** thereafter.

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SPECIFIC CONDITIONS:

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(Specific Condition #32., continued)

b. Treated leachate effluent shall be sampled at the frequency listed below, and the analytical results shall be submitted quarterly, as follows: Quarter 1 results shall be submitted by **April 15th**; Quarter 2 by **July 15th**; Quarter 3 by **October 15th**; and, Quarter 4 by **January 15th**, for the following parameters:

<u>Parameter</u>	<u>Unit</u>	<u>Frequency</u>
pH	STD UNITS	Weekly
BOD ₅	mg/L	Monthly
COD	mg/l	Monthly
TSS	mg/l	Monthly
Nitrate-N	mg/l	Monthly
TDS	mg/l	Monthly

c. Waste sludge from the leachate treatment plant shall be sampled and analyzed **annually** using Department SOPs for the following parameters:

Toxicity Characteristic Leaching Potential Test (TCLP) for the organics, metals and pesticides listed in 40 CFR Part 261.24, Table 1

Total nitrogen (percent dry weight)	
Total phosphorous (percent dry weight)	
Total potassium (percent dry weight)	
Cadmium (mg/kg dry weight)	Arsenic (mg/kg dry weight)
Lead (mg/kg dry weight)	Copper (mg/kg dry weight)
Molybdenum (mg/kg dry weight)	Mercury (mg/kg dry weight)
Selenium (mg/kg dry weight)	Nickel (mg/kg dry weight)
pH (standard units)	Zinc (mg/kg dry weight)
	Solids (percent)

Waste sludge that is not classified as hazardous waste (Chapter 62-730.030, F.A.C.) and that passes the paint filter test may be disposed in the Class I landfill. Based upon the results of the analyses, the Department may require further testing and alternative disposal to assure compliance with all Department rules and regulations. The Department shall be notified within thirty (30) days of alternative sludge disposal.

33. **Land Application of Leachate Treatment Plant Effluent.** Spray irrigation of effluent from the leachate treatment facility is allowed over intermediately closed portions of the landfill at a maximum of 0.1 inch per application followed by two hours (waiting period) between each application, for a maximum of 0.3 inch per day. Under no circumstance shall treated leachate effluent be allowed to discharge as runoff to adjacent storm water systems or conveyance ditches. Treated leachate effluent shall not be sprayed during weather conditions or in quantities that may cause runoff, surface seeps, wind-blown spray, or exceedances of limits of leachate head on the liner. The spray irrigation of treated leachate effluent shall not cause ponding on landfilled areas.

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SPECIFIC CONDITIONS:

(Specific Condition #33., continued)

Spray irrigation shall take place only when runoff into the onsite retention areas downgradient from the spray areas has terminated for 2 hours based on daily inspections of the influent point to each related retention area, or as follows, whichever is more restrictive:

- a. At least 4 hours after a rainfall of 0.75 inch or less, or
- b. At least 24 hours after a rainfall of 0.75 to 2.5 inches, or
- c. At least 48 hours after a rainfall of 2.5 inches or greater

The following shall be recorded daily:

- Treated effluent sprayed (gal/day)
- Rainfall onsite (inches/day and time/duration of rainfall occurrence)
- Observed runoff influent to retention area (yes/no and inspection time)

The gallons per day sprayed shall be recorded separately for each application area. The time of day shall be reported immediately following the end of rainfall and when no observed runoff was observed in downgradient ponds and ditches prior to spraying.

Spraying shall take place on slopes no steeper than 10%; on areas of fair grass cover (as per HELP model); only between the hours of 8 a.m. and 4 p.m.; no closer than 100 feet from the liner anchor trench; and on areas that have not reached closure designed dimensions (have not received permanent final cover).

34. Surface Water Sampling.

- a. All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

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SPECIFIC CONDITIONS:

(Specific Condition #34., continued)

b. Surface water sample collection points shall be located as shown on Figure 2-1, prepared by SCS Engineers, received April 15, 2003 ~~revised March 2002~~ (attached), as follows:

Surface	WACS	
Water No.	Testsite	Location
	No.	
1-A*	831	Northern portion of Smith Lake (staff gauge)
1-D	834	Western portion of Smith Lake
3A	836	Drainage ditch to Long Flat Creek at SW boundary
3B2B	837	Drainage ditch to Long Flat Creek, WNW of TH-30
3C2	838	Drainage ditch to Long Flat Creek at NW boundary

* = Water Elevation Measurement ONLY at Station No. 1-A

In accordance with Rule 62-701.510(4)(c), F.A.C., the monitoring stations shall be marked and their positions shall be determined by a registered Florida land surveyor in degrees, minutes and seconds of latitude and longitude.

c. **Semi-annual** surface water sampling shall be conducted at Station Nos. 1-D, 3A, 3B2B and 3C2 in accordance with Rule 62-701.510(6)(e), F.A.C., for analysis of the following parameters:

<u>Field parameters</u>	<u>Laboratory parameters</u>
Specific conductivity	Unionized ammonia
pH	Total organic carbon (TOC)
Dissolved oxygen	Total hardness
Turbidity	Total phosphates
Temperature	Chlorophyll A
Colors and sheens	Copper
(by observation)	Iron
	Mercury
	Nitrate
	Zinc
	Those parameters listed in 40 CFR Part 258,
	<u>Appendix I</u>

Amended _____.

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PERMITTEE: Hillsborough Solid Waste Dept.
Mr. Daryl Smith, Director

PERMIT NO. 5435-006-SO
Southeast County Landfill,
Phases I - VI

SPECIFIC CONDITIONS:

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35. **Groundwater Monitoring Well Locations.** The ground water monitoring plan is described in the submittal entitled *Groundwater Monitoring Plan Evaluation, Southeast County Landfill and Capacity Expansion Area, Hillsborough County, Florida*, prepared by SCS Engineers, dated and received April 15, 2003 ~~May 2001 (revised July 16 2001, December 2001, March 4, 2002, and April 2, 2002)~~. The active monitor well locations for Phases I - VI shown on attached Figure 2-1 (received April 15, 2003 ~~revised March 2002~~) are described as follows:

WACS Testsite				
Well No.	ID Number	Aquifer	Designation	Location
TH-19	821	Floridan	Background	See Figure 2-1
TH-22	824	Surficial	Piezometer	↓
TH-22A*	19861	Surficial	Background	↓
TH-28	826	Surficial	Piezometer	↓
TH-28A*	19862	Surficial	Detection	↓
TH-30	1065	Surficial	Piezometer	↓
TH-38A	1154	Surficial	Piezometer	↓
TH-38B*	19863	Surficial	Background Piezometer	↓
TH-40	822	Floridan	Horizontal Detection/ Vertical Compliance	↓
TH-57	1570	Surficial	Detection	↓
TH-58	1571	Surficial	Detection	↓
TH-65**	20530	Surficial	Detection	↓
TH-66	20531	Surficial	Detection	↓
TH-67**	20532	Surficial	Detection	↓

* = ~~to be installed within 120 days of permit issuance~~

** = to be installed within 120 days of permit modification No. 35435-008 issuance in accordance with the construction details provided in Figure M-2, of the Engineering Report (for Section 7), received May 5, 2003. Documentation of well construction details as indicated in Specific Condition Nos. 38.b. and 38.d. shall be submitted within 90 days of well construction.

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.
Amended _____

36. **Groundwater Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-522, F.A.C. Compliance with ground water standards shall be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition No. 36.b. at all active and inactive wells and piezometers listed in Specific Condition Nos. 35. and 37. to a precision of 0.01 foot. The ground water surface contour maps prepared for each sampling event shall include ground water elevations (feet NGVD) calculated for each well and piezometer.

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SPECIFIC CONDITIONS:

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(Specific Condition #36., continued)

b. Background wells (TH-19 and TH-22A), ~~and TH-38B~~ and detection wells (TH-28A, TH-40, TH-57, ~~and TH-58~~, TH-65, TH-66 and TH-67) shall be sampled **semi-annually** for analysis of the following parameters:

Field Parameters

Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters

Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in 40 CFR
Part 258, Appendix I

c. The initial sampling event at replacement wells TH-65, TH-66, and TH-67 ~~TH-22A, TH-28A, and TH-38B~~ shall be conducted for analysis of the following parameters:

Field Parameters

Static water levels
before purging
Specific conductivity
pH
Dissolved oxygen
Temperature
Turbidity
Colors & sheens
(by observation)

Laboratory Parameters

Total ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total dissolved solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix II

Amended _____

37. **Inactive Monitor Wells (Phases I through VI).** Existing monitor wells TH-19A, TH-20A, TH-20B, TH-24, TH-26, ~~TH-32, TH-35, TH-35A, TH-36A, TH-41, TH-42, and TH-56, TH-59, TH-60, TH-61 (a/k/a P-9D), TH-62, and TH-63~~ shall be considered to be inactive and reserved for future use. Ground water levels shall be measured in the inactive monitor wells during all sampling events described in Specific Condition No. 36.b. Existing piezometers P-2S, P-2D, P-3S, P-3D, P-4S, P-4D, P-5D, P-6D, P-7D, P-8D, and P-11D ~~P-9D and P-10D~~ shall be included in monthly water level measurements conducted by Hillsborough County. Additional inactive monitor wells, piezometers and supply wells within the Southeast County Landfill parcel owned by the Hillsborough County Department of Solid Waste Management that are not shown on Figure 2-1 (attached) shall be located on surveyed drawing(s) described in Specific Condition No. 38.e.

Amended _____

38. **Groundwater Monitoring Well Construction.** The following information shall be submitted ~~within 90 days of installation of~~ for all new or replacement wells, or as stated below:

a. Prior to construction of all new or replacement wells the permittee shall request and receive Department approval of a minor permit modification.

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SPECIFIC CONDITIONS:

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(Specific Condition #38., continued)

b. Within one week of well completion and development, each new monitor well shall be sampled for the parameters listed in Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.

c. Within 90 days of installation (or within 90 days of discovery or acquisition of new wells) construction details (record drawings) for all new or replacement monitor wells, supply wells and piezometers shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (attached).

d. Within 90 days of installation (or within 90 days of discovery or acquisition of new wells) surveyed drawing(s) shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned), horizontally located in degrees, minutes and seconds of latitude and longitude, and showing the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification numbers, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

e. Within 90 days of permit issuance, surveyed drawing(s) as described in Specific Condition No. 38.d., shall be submitted showing the location of all additional inactive monitor wells, piezometers and supply wells within the Southeast County Landfill parcel owned by the Hillsborough County Department of Solid Waste Management that are not shown on Figure 2-1 (attached).

Amended _____.

39. **Well Abandonment.** All wells and piezometers not a part of the approved Water Quality Monitoring Plan and not listed in Specific Condition Nos. 35. and 37., and not shown on surveyed drawing(s) described in Specific Condition Nos. 38.d. and 38.e., are to be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment.** A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended _____.

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SPECIFIC CONDITIONS:

40. **Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected reported in the detection wells at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria ~~at the edge of the zone of discharge,~~ the permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

Amended _____

41. **Water Quality, Leachate and Sludge Reporting Requirements.** All leachate, surface water and ground water quality monitoring results shall be reported on Department Form 62-522.900(2), Groundwater Monitoring Report (attached). The permittee shall submit the results of the leachate effluent quality analysis (required by Specific Condition #32.b.), by **January 15th, April 15th, July 15th, and October 15th of each year.** The permittee shall submit the results of the leachate influent (required by Specific Condition #31.) and sludge (required by Specific Condition #32.c.) analysis by **January 15th of each year.** The permittee shall submit the results of surface water (required by Specific Condition #34.c.) and ground water (required by Specific Condition #36.b.) and leachate effluent (required by Specific Condition #32.a.), analysis by **January 15th and July 15th of each year** for the semi-annual periods July-December and January-June, respectively. The reports that transmit the results of ground water analysis shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including a ground water contour map representing conditions at the time of ground water sampling and a summary of any water quality standards or criteria that are exceeded. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318; and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

Amended _____

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SPECIFIC CONDITIONS:

42. Groundwater Monitoring Plan Evaluation.

~~a. An evaluation of ground water flow between the eastern portion of the landfill and Smith Lake shall be submitted by June 1st, 2003. This evaluation shall include monthly water elevation data collected for one year following permit issuance at the following locations: P 7D, P 8D, P 9D, P 10D, P 11D, TH 20A, TH 20B, TH 38A, TH 38B, and the staff gauge in Smith Lake. The persistence of a ground water divide in this portion of the landfill shall be the basis for determining the appropriateness of the current designation of well TH 38B as a background well. In the event that well TH 38B is determined to be more appropriate as a detection well location, an alternate background monitor well shall be required, and the revision to the monitoring plan shall require a minor permit modification. The evaluation shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619; and to: Hillsborough County Environmental Protection Commission, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.~~

b. By June 1, 2004 and no later than December 1, 2006, the permittee shall submit an evaluation of the water quality monitoring data. The periods of time to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
June 1, 2004	First Half 2001	Second Half 2003
December 1, 2006	First Half 2004	First Half 2006

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may be reported shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619; and to: Environmental Protection Commission of Hillsborough County, Waste Division, 1900 9th Avenue, Tampa, Florida 33605.

43. Professional Certification. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

44. General Conditions. The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

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SPECIFIC CONDITIONS:

45. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

46. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

47. **Certification of Construction Completeness.** Within thirty (30) days after the specified construction has been completed or as otherwise specified in this permit, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2) (form attached), signed and sealed by the responsible professional engineer for the construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include as-built plans details and elevations.

c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.

d. The engineer of record shall provide a report to verify conformance with the project specifications. The report including all related testing results shall be submitted to the Department along with the completion of construction documents.

New _____.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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Deborah A. Getzoff
Director of District Management
Southwest District

ATTACHMENT 1

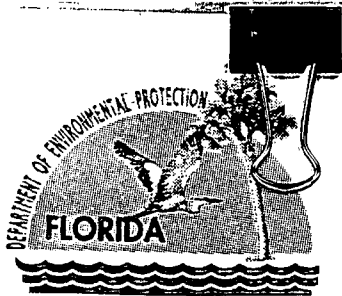
Specific Condition	Submittal Due Date	Required Item
4.	180 days prior to permit renewal (December 1, 2006)	Submit permit renewal application
5.b., 28.b.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of: sinkholes, hazardous waste receipt, failure of landfill systems or equipment Written notification & corrective action plan
10.e.	Annually, by April 15th each year	Submit revised Operation Plan or statement of no changes
11.b.	Annually, by September November 1st each year	Submit topographic survey & capacity calculations, and certification
16.f.	Annually, by April 15 th each year April 15, 2003	Submit leachate management field investigation report First evaluation due
16.g.	Within 120 days of permit issuance	Install Temporary Pump Station 6 (TPS 6)
16.h.	30 days prior to expiration	Submit copies of leachate disposal agreements
16.i(1) 42.b.	By June 1, 2004 and December 1, 2006	Submit results and videotape of LCRS inspection/cleaning Submit water quality monitoring evaluation report
16.j(2) 19.c. 32.b., 41.	Quarterly, by January 15 th , April 15 th , July 15 th and October 15 th	Submit leachate generation reports Submit gas monitoring results Submit leachate effluent results
17.	180 days prior to permit renewal (December 1, 2006)	Submit Liner and Leachate Management System Performance Evaluation
20	Within 120 days of permit issuance	Install gas monitoring probes LFG 2, LFG 3 and LFG 4

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ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
24.	No later than 90 days prior to the date when wastes will no longer be received	Submit Closure Permit application
26.a.	Annually, by September 1 st each year	Submit revised cost estimates
26.b.	Annually	Submit proof of funding
28.c.	Within 60 days of notification	Complete repairs to groundwater monitoring system
28.d.	Within 30 days of notification	Implement corrective action for stormwater or leachate management system damage
31.a.	Annually	Leachate influent sampling/analysis
32.c.	Annually	LTRF sludge sampling/analysis
32.a.	Semi-annually	Sample/analyze treated effluent for primary and secondary drinking water standard parameters and priority pollutants
34.c.	Semi-annually	Sample/analyze surface water
35	Within 120 days of permit modification issuance	Install groundwater monitoring wells TH-22A, TH-28A, TH-38B-TH-65, TH-67
36.b.	Semi-annually	Sample groundwater monitoring wells
38.b.	Within 1 week of well completion and development	Conduct initial sampling
38.c. 38.d.	Within 90 days of installation, discovery or acquisition	Submit well construction information, and survey drawing
38.e.	Within 90 days of permit issuance	Survey drawing
39.	Within 30 days of well abandonment	Submit abandonment report
41.	Annually, by January 15 th each year	Submit leachate influent and sludge analysis
41.	Semi-annually, by January 15 th and July 15 th each year	Submit groundwater and surface water monitoring reports, and leachate effluent quality reports
42.a.	By June 1, 2003	Submit evaluation of groundwater flow between the eastern portion of the landfill and Smith lake

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Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Hillsborough County
Solid Waste Management Dept.
Mr. Daryl Smith, Director
Post Office Box 1110
Tampa, Florida 33601

PERMIT/CERTIFICATION

WACS Facility ID No: SWD/29/41193
Permit No: **35435-006-SO**
Date of Issue: **06/25/02**
Expiration Date: **06/20/07**
County: Hillsborough
Lat/Long: 27°46'25"N
82°11'15"W
Sec/Town/Rge: 13, 14, 15,
22, 23, 24/31S/21E
Project: Southeast County Landfill,
Phases I - VI

Under the provisions of Chapter 403, Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-521. The above named permittee is hereby authorized to construct, install, maintain, operate or operate the facility shown on the drawing(s), plans and other documents, attached hereto and made a part hereof and as follows:

To monitor a landfill, leachate treatment plant and related facilities (approximately 200 acres), referred to as Southeast County Class I Landfill Facility, subject to the conditions attached, for disposal of solid waste located east of U.S. 301 on C.R. 672, southeast of Tampa, Florida. The specific conditions attached are for the

operation of:

1. Class I Landfill and related facilities

General Information:	
Disposal acres	162.4 acres
Lowest elevation	+113 feet NGVD (approx.) (2001)
Bottom liner design	In-situ phosphatic clay w/single 36 mil CSPE tied in as side liners
LCS design	LCS: gravel, tire chips in trenches; 8" HDPE & 8" PVC pipes to perimeter & Pump Stations A & B
Final elevation	+255 feet NGVD,
Slopes	4H:1V sideslopes (exterior), 5% top

Replaces Permit No.: SO29-256427

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"More Protection, Less Process"