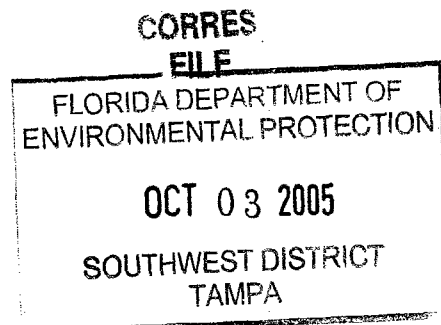


**SCS ENGINEERS**

April 14, 2004  
File No. 09200020.24

Ms. Patricia V. Berry  
Hillsborough County  
Solid Waste Management Department  
P. O. Box 1110  
Tampa, Florida 33601



Subject: Leachate Water Balance Report Forms for March 2004  
Southeast County Landfill, Hillsborough County, Florida

Dear Patty:

SCS Engineers (SCS) has compiled and reviewed the leachate management operational data from the Southeast County Landfill (SCLF) for March 2004. Attached are the Leachate Water Balance Report Form (Table 1), the Leachate Field Data Entry Form (Table 2), and the 2004 Summary (Table 3). Also attached is a graph showing leachate levels in the Pump Station B sump and rainfall at the site for March (Figure 1). The leachate water balance forms were compiled from data provided by Mr. Matt Matthews from the Hillsborough County Solid Waste Management Department (SWMD). SCS provides commentary on the data, and includes recommendations for modifications to the leachate pumping, treatment, and disposal systems for the SCLF operations where appropriate.

**TABLE 1****Day (Column I)**

Column I presents the calendar days for the month of March.

**Rainfall (Column II)**

Column II presents the average rainfall, in inches, as measured in the field from rainfall stations at the site. There was 2.58 inches of rainfall at the SCLF in March.

**Depth in Pond A (Column III)**

Column III presents the daily depth, in feet, of effluent stored in the existing effluent pond (Pond A). The daily depth in Pond A varies as a function of the spray irrigation frequency/duration and effluent hauled from the pond. In March, no effluent was stored in Pond A.



**Depth in Pond B (Column IV)**

Column IV presents the daily depth, in feet, of effluent or leachate that is stored in the effluent/leachate storage pond (Pond B). The depth in Pond B varies as a function of the evaporation frequency/duration and effluent or leachate hauled from the pond. February 14 through March 26, Pond B was used for temporary storage of leachate prior to transport while the 575,000-gallon tank was emptied for inspection and maintenance. The average depth of temporary leachate storage in Pond B for March was 1.4 feet.

**Estimated Depth at Pump Station B Sump (PS-B) (Column V)**

Column V presents the depth of leachate, in inches, in the PS-B sump. Leachate from Phases I-VI flows to the PS-B sump for removal from the landfill. PS-B then pumps the leachate to Pump Station A (PS-A). Daily depth readings from the PS-B sump are included in this column. In March, PS-B was below the normal operation level of 24 inches. The average depth of leachate in the PS-B sump for the recorded days in March was 17.4 inches.

**Leachate Pumped to PS-B from TPS-6 (Column VI)**

Column VI presents the quantity of leachate from Phase IV pumped to PS-B by Temporary Pump Station-6 (TPS-6). The quantity of leachate removed by TPS-6 is measured in gallons by an in-line flow meter and is included in the quantity of leachate pumped to the MLPS from Phases I-VI (Column VII). The average daily amount of leachate pumped from TPS-6 in March was 40,065 gallons. A total of 1,242,022 gallons was pumped from TPS-6 to PS-B in March.

**Leachate Pumped to MLPS from Phases I-VI (Column VII)**

Column VII usually presents the daily amount of leachate, in gallons, collected from PS-A and pumped through the MLPS to the 575,000-gallon storage tank at the LTRF for treatment or disposal. Through March 24, leachate was instead pumped to Pond B from which it was pumped directly into tanker trucks for transport while the 575,000-gallon tank was empty for inspection and maintenance. Beginning March 25, leachate was again pumped through the MLPS to the 575,000-gallon storage tank. The quantity in column VII also includes the daily amount of leachate, in gallons, pumped from TPS-6. The average daily amount of leachate pumped from PS-A in March was 37,157 gallons. A total of 1,151,878 gallons of leachate was pumped to the storage tank or through Pond B in March.

**Leachate Pumped from Section 7 Leak Detection System (Column VIII)**

Column VIII presents the quantity of leachate removed from the leak detection system of Section 7. The quantity is measured by a flow meter before being pumped back into the Section 7 sump for removal with Section 7 leachate. From March 18-22, the removal rate exceeded 1,250 gallons per day due to excessive stormwater storage in the eastern cell of Section 7. Minimization of future occurrences was described in a letter submitted to the FDEP on March 26, 2004 along with revised replacement pages L-6 and L-7 for the Operations Plan and revised replacement drawings. In March, a total of 19,320 gallons of leachate was removed from the leak detection system of Section 7.

**Leachate Pumped to MLPS from Section 7 (Column IX)**

Column IX presents the quantity of leachate collected at Section 7 and pumped to the MLPS. The quantity is measured by a flow meter and includes any leachate removed from the leak detection system of Section 7 (Column VIII). In March, 117,482 gallons of leachate was pumped to the MLPS from Section 7.

**Total Leachate Pumped to LTRF (Column X)**

Column X presents the total quantity of leachate pumped to the LTRF through the MLPS from Phases I-VI and from Section 7. In March, a total of 1,269,360 gallons of leachate was pumped from Phases I-VI and Section 7.

**Leachate in 575,000-Gallon Tank (Column XI)**

Column XI presents the daily amount of leachate, in gallons, stored in the 575,000-gallon leachate holding tank at the LTRF. The amount of leachate stored in the tank is calculated based on the circumference of the tank and the daily level reading. From February 14 through March 24, instead of being pumped to the tank, leachate was diverted to Pond B from which it was pumped directly into tanker trucks for transport while the 575,000-gallon tank was emptied for inspection and maintenance. Leachate depth was again measured in the tank beginning March 25. The average daily amount of leachate stored in the tank in March, based on recorded days, was estimated at 35,700 gallons.

**Leachate Treated at LTRF (Column XII)**

Column XII presents the daily amount of leachate, in gallons, treated at the LTRF. The LTRF operations were suspended in early December and the facility is currently undergoing

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inspection and tank testing. When the inspections are completed, the LTRF will resume full operation. In March, no leachate was treated at the LTRF.

#### **Total Leachate Hauled (Column XIII)**

Column XIII presents the daily amount of leachate, in gallons, hauled off site. During the month of March, a total of 1,053,126 gallons of leachate was hauled off site.

#### **Leachate Dust Control (Sprayed) (Column XIV)**

Column XIV presents the daily amount of leachate, in gallons, measured from the flow meter at the bypass-loading arm at the leachate storage tank. The leachate is used for dust control in the active area of the SCLF. In March 75,397 gallons of leachate was used for dust control.

#### **Pond A Storage (Column XV)**

Column XV presents the daily amount of effluent, in gallons, stored in Pond A. The daily amount stored in the pond is calculated by using the daily depth of effluent in the Pond A (Column IV). The volume is estimated using AutoCAD software and is based on the cross-sectional area of the pond at varying depths. Under normal operating conditions, the daily amount of effluent stored in the pond varies depending upon the daily amount of leachate treated at the LTRF, the daily rainfall, daily effluent hauling operations, daily spray irrigation operations, and the daily amount of effluent used for dust control/evaporation on the SCLF. The daily average of 800 gallons stored in Pond A in March is stormwater in the sump.

#### **Pond B Storage (Column XVI)**

Column XVI presents the daily amount of effluent, in gallons, stored in Pond B. The daily amount stored in the pond is calculated by using the daily depth of effluent in Pond B (Column IV). The volume of the pond at varying depths is estimated using AutoCAD software and calculations based on the conic method for reservoir volumes. Under normal operating conditions, the daily amount of effluent stored in the pond will vary depending upon the daily amount of effluent removed from the pond by the evaporation system, hauled from the pond, used for dust control or evaporated on the SCLF. In March, no effluent was stored in Pond B for evaporation. However, from February 14 through March 26, Pond B was used for temporary storage of leachate while the 575,000-gallon tank was emptied for inspection and maintenance. In March a total of 1,623,000 gallons of leachate was temporarily stored in Pond B prior to pumping into trucks for transport.

**Effluent Sprayed at Pond B (Column XVII)**

Column XVII presents the daily amount of effluent, in gallons, sprayed for evaporation at Pond B. The amount evaporated is calculated by using 5 percent of the daily flow meter quantity sprayed at Pond B. No effluent was sprayed at Pond B in March.

**Effluent Irrigation (Column XVIII)**

Column XVIII presents the daily amount of effluent, in gallons, used for spray irrigation on top of the SCLF. The daily amount of effluent irrigation on the SCLF is measured from the flow meter at the irrigation pump station. In March, no effluent was used as spray irrigation.

**Effluent Dust Control (Sprayed) (Column XIX)**

Column XIX presents the daily amount of effluent, in gallons, sprayed for dust control in the active area of the SCLF. The daily amount of effluent used for dust control, is measured from the flow meter at the bypass-loading arm. In March, no effluent was sprayed as dust control.

**Total Effluent Hauled (Column XX)**

Column XX presents the daily amount of effluent, in gallons, hauled off site, as measured from the flow meter at the bypass-loading arm. In March, no effluent was hauled off site.

**Total Evaporation (Column XXI)**

Column XXI presents the daily amount of leachate and effluent, in gallons, that evaporates and therefore will not be returned to the SCLF and/or require treatment. The landfill evaporation rate includes 80 percent of the daily values from Columns XIV, XVIII, and XIX plus 5 percent of the daily values from Column XVII. Evaporation rates of 80 percent (based on the HELP model water balance analysis for the site) and 5 percent evaporation rate for spray in Pond B are assumed. The total evaporation for March was 60,100 gallons.

**TABLE 2**

Table 2 presents data assembled from daily logs provided by Mr. Matt Matthews of the SWMD.

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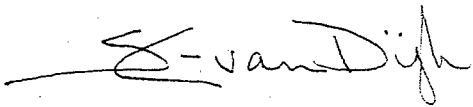
### TABLE 3

#### Leachate Balance Summary

The Leachate Balance Summary (see Table 3) presents a review of inflow and outflow quantities for the LTRF, as well as rainfall and effluent disposal quantities at the landfill. Total inflow quantity to the LTRF (leachate pumped from the SCLF) in March was 1,269,360 gallons. Total outflow quantity from the LTRF (hailed and evaporated) was 1,128,523 gallons. The balance for the month of March increased by 140,837 gallons.

If you have any questions, please do not hesitate to call.

Very truly yours,



Sheila Carpenter-van Dijk, E.I.  
Project Engineer



Larry E. Ruiz, Assoc. AIA  
Project Manager  
SCS ENGINEERS

cc: Matt Matthews

SCV/LER: scv

Attachments

TABLE I. LEACHATE WATER BALANCE REPORT FORM  
 MAR 2004  
 SOUTHEAST COUNTY LANDFILL, HILLSBOROUGH COUNTY, FLORIDA

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX	XXI	
Day	Rainfall (in.)	Depth in Pond A (ft.)	Depth in Pond B (in.)	Estimated Depth at PS-B (in.)	Leachate Pumped to PS-B from TPS-6 (gal.)	Leachate Pumped to MLPS from Phases I-VI (gal.)	Leachate Pumped from Sec 7 Leak Det (gal.)	Leachate Pumped to MLPS from Section 7 (gal.)	Total Leachate Pumped to LTRF (gal.)	Leachate in 575K Tank (gal.)	Leachate Treated at LTRF (gal.)	Total Leachate Hauled (gal.)	Leachate Dust Control (Sprayed) (gal.)	Pond A Storage (gal.)	Pond B Storage (gal.)	Effluent Sprayed Pond B (gal.)	Effluent Irrigation (gal.)	Effluent Dust Control (Sprayed) (gal.)	Total Effluent Hauled (gal.)	Total Evaporation (gal.)	
1	0.00	0.0	1.5	0.5	28,587	32,114	264	4,029	36,143	0	0	0	0	800	44,000	0	0	0	0	0	
2	0.00	0.0	1.9	10.3	30,955	34,144	326	2,776	36,920	0	0	18,122	2,015	800	72,000	0	0	0	0	1,600	
3	0.00	0.0	1.9	11.4	32,815	34,308	340	5,073	39,381	0	0	96,282	2,015	800	72,000	0	0	0	0	1,600	
4	0.00	0.0	1.3	11.6	31,435	34,698	350	2,806	37,504	0	0	18,013	2,014	800	33,000	0	0	0	0	1,600	
5	0.00	0.0	1.3	15.8	35,430	36,411	311	2,737	39,148	0	0	72,072	2,009	800	33,000	0	0	0	0	1,600	
6	0.00	0.0	1.2	11.6	35,740	37,865	434	2,731	40,596	0	0	12,023	1,997	800	28,000	0	0	0	0	1,600	
7	0.00	0.0	0.0	NR	34,305	37,027	383	1,655	38,682	NR	0	0	0	800	0	0	0	0	0	0	
8	0.00	0.0	2.1	11.0	34,305	37,027	383	1,655	38,682	0	0	48,068	4,012	800	88,000	0	0	0	0	3,200	
9	0.00	0.0	1.9	17.2	41,560	33,857	446	7,232	41,089	0	0	54,084	4,015	800	72,000	0	0	0	0	3,200	
10	0.00	0.0	1.8	21.9	45,390	38,978	420	2,717	41,695	0	0	60,610	4,030	800	64,000	0	0	0	0	3,200	
11	0.00	0.0	1.5	18.9	36,080	32,119	424	2,380	34,499	0	0	60,071	2,978	800	44,000	0	0	0	0	2,400	
12	0.00	0.0	1.2	19.1	41,460	33,066	324	2,420	35,486	0	0	24,023	4,029	800	28,000	0	0	0	0	3,200	
13	0.00	0.0	1.5	22.5	42,210	35,090	324	2,371	37,461	0	0	6,005	4,023	800	44,000	0	0	0	0	3,200	
14	0.00	0.0	0.0	NR	41,200	33,918	324	1,241	35,159	NR	0	0	0	800	0	0	0	0	0	0	
15	0.30	0.0	2.0	23.1	41,200	33,918	324	1,241	35,159	0	0	54,068	3,015	800	80,000	0	0	0	0	2,400	
16	2.27	0.0	1.9	22.9	49,770	41,736	736	2,991	44,727	0	0	72,054	0	800	72,000	0	0	0	0	0	
17	0.01	0.0	2.1	NR	45,420	38,841	755	2,959	41,800	0	0	30,011	3,024	800	88,000	0	0	0	0	2,400	
18	0.00	0.0	2.6	NR	54,040	80,454	1,024	11,669	92,123	0	0	54,336	3,012	800	133,000	0	0	0	0	2,400	
19	0.00	0.0	2.4	9.3	28,430	41,259	1,272	5,835	47,094	0	0	60,034	2,014	800	115,000	0	0	0	0	1,600	
20	0.00	0.0	2.0	19.6	33,705	33,080	1,261	5,883	38,963	0	0	54,037	4,526	800	80,000	0	0	0	0	3,600	
21	0.00	0.0	0.0	NR	44,515	36,456	1,413	6,724	43,179	NR	0	0	0	800	0	0	0	0	0	0	
22	0.00	0.0	2.5	18.7	44,515	36,456	1,413	6,724	43,179	0	0	36,021	4,508	800	124,000	0	0	0	0	3,600	
23	0.00	0.0	2.5	19.5	39,085	33,956	1,201	5,510	39,466	0	0	60,037	7,525	800	124,000	0	0	0	0	6,000	
24	0.00	0.0	2.1	22.5	41,000	31,820	1,198	4,817	36,637	0	0	42,017	5,523	800	88,000	0	0	0	0	4,400	
25	0.00	0.0	1.8	23.3	44,890	29,786	1,020	1,134	30,920	48,000	0	42,156	0	800	64,000	0	0	0	0	0	
26	0.00	0.0	1.3	17.8	44,395	33,659	635	6,990	40,649	91,000	0	30,903	4,018	800	33,000	0	0	0	0	3,200	
27	0.00	0.0	0.0	21.9	48,430	36,452	555	2,694	39,146	127,000	0	0	0	800	0	0	0	0	0	0	
28	0.00	0.0	0.0	NR	45,865	37,579	371	2,590	40,169	NR	0	0	0	800	0	0	0	0	0	0	
29	0.00	0.0	0.0	17.8	45,865	37,579	371	2,590	40,169	216,000	0	0	2,074	800	0	0	0	0	0	1,700	
30	0.00	0.0	0.0	18.0	39,365	38,087	362	2,670	40,757	245,000	0	18,043	0	800	0	0	0	0	0	0	
31	0.00	0.0	0.0	18.6	40,060	40,139	357	2,640	42,779	238,000	0	30,036	3,021	800	0	0	0	0	0	2,400	
Total	2.58				1,242,022	1,151,878	19,320	117,482	1,269,360		0	1,053,126	75,397		1,623,000		0	0	0	60,100	
Daily Average		0.0	1.4	17.4	40,065	37,157	623	3,790	40,947	35,700				800	0	0	0	0	0	1,940	
Mo. Average													2,400								

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Notes:

1. NR = No Records, NA = Not Available.
2. Values in bold are estimated; values in italic are substitute for missing data and are based on averaged values.
3. Daily average is calculated by dividing the total by the actual days measured in the month.
4. Monthly average calculated by dividing the total by the number of days of the month.
5. Column II, Trace is less than 0.01 inches and is not included in total.
6. Columns III and IV, field measured at staff gauges.

7. Column V, PPS-B sensor reading plus 9 inches.
8. Columns VIII & IX, Section 7 leak detection pumped into Section 7 leachate sump riser.
9. Column XI, calculated from depth in 575,000 gal. leachate tank.
10. Columns VI, VII, VIII, IX, XII, XIII, XIV, XVIII, and XIX, quantities from flow meters.
11. Column XXI includes 80% of the daily values from Columns XIV, XVIII, and XIX plus 5% of the daily values from column XVII.

**TABLE 2. FIELD DATA ENTRY FORM**  
**MARCH 2004**  
**SOUTHEAST COUNTY LANDFILL, HILLSBOROUGH COUNTY, FLORIDA**

I Day	II Reading PS-B (in.)	III Section 7 Leak Det. (gal.)	IV Section 7 Flow Meter (gal.)	V Flow Meter TPS-6 (gal.)	VI Flow Meter Pump Sta. A (gal.)	VII Depth in 575K Tank (ft.)	VIII Leachate Hauled		X Leachate Dust Control (Sprayed) (gal.)	XI Rainfall (in.)	XII Depth in Pond A (ft.)	XIII Depth in Pond B (ft.)	XIV Effluent Sprayed (Pond B) (gal.)	XV Leachate Treated at LTRF (gal.)	XVI Effluent Irrigation (gal.)	XVII Effluent Hauled		XVIII Effluent Dust Control (Sprayed) (gal.)
							Contractor (gal.)	County (gal.)								Contractor (gal.)	County (gal.)	
1	0.5	65,278	414,535	75,430,165	3,527,050	0.00	0	0	0	0.00	0.0	1.5	0	0	0	0	0	0
2	1.3	65,604	417,311	75,461,120	3,561,194	0.00	0	18,122	2,015	0.00	0.0	1.9	0	0	0	0	0	0
3	2.4	65,944	422,384	75,493,935	3,595,502	0.00	78,171	18,111	2,015	0.00	0.0	1.9	0	0	0	0	0	0
4	2.6	66,294	425,190	75,525,370	3,630,200	0.00	18,013	0	2,014	0.00	0.0	1.3	0	0	0	0	0	0
5	6.8	66,605	427,927	75,560,800	3,666,611	0.00	48,016	24,056	2,009	0.00	0.0	1.3	0	0	0	0	0	0
6	2.6	67,039	430,658	75,596,540	3,704,476	0.00	0	12,023	1,997	0.00	0.0	1.2	0	0	0	0	0	0
7	NR	67,422	432,313	75,630,845	3,741,503	NR	0	0	0	0.00	0.0	0.0	0	0	0	0	0	0
8	2.0	67,805	433,968	75,665,150	3,778,530	0.00	30,013	18,055	4,012	0.00	0.0	2.1	0	0	0	0	0	0
9	8.2	68,251	441,200	75,706,710	3,812,387	0.00	30,021	24,063	4,015	0.00	0.0	1.9	0	0	0	0	0	0
10	12.9	68,671	443,917	75,752,100	3,851,365	0.00	30,529	30,081	4,030	0.00	0.0	1.8	0	0	0	0	0	0
11	9.9	69,095	446,297	75,788,180	3,883,484	0.00	30,014	30,057	2,978	0.00	0.0	1.5	0	0	0	0	0	0
12	10.1	69,095	448,717	75,829,640	3,916,550	0.00	0	24,023	4,029	0.00	0.0	1.2	0	0	0	0	0	0
13	13.5	69,095	451,088	75,871,850	3,951,640	0.00	0	6,005	4,023	0.00	0.0	1.5	0	0	0	0	0	0
14	NR	NR	452,329	75,913,050	3,985,558	NR	0	0	0	0.00	0.0	0.0	0	0	0	0	0	0
15	14.1	70,393	453,569	75,954,250	4,019,476	0.00	24,051	30,017	3,015	0.30	0.0	2.0	0	0	0	0	0	0
16	13.9	71,129	456,560	76,004,020	4,061,212	0.00	42,019	30,035	0	2.27	0.0	1.9	0	0	0	0	0	0
17	NR	71,884	459,519	76,049,440	4,100,053	0.00	30,011	0	3,024	0.01	0.0	2.1	0	0	0	0	0	0
18	NR	72,908	471,188	76,103,480	4,180,507	0.00	30,283	24,053	3,012	0.00	0.0	2.6	0	0	0	0	0	0
19	0.3	74,180	477,023	76,131,910	4,221,766	0.00	30,011	30,023	2,014	0.00	0.0	2.4	0	0	0	0	0	0
20	10.6	75,441	482,906	76,165,615	4,254,846	0.00	30,014	24,023	4,526	0.00	0.0	2.0	0	0	0	0	0	0
21	NR	76,855	489,630	76,210,130	4,291,302	NR	0	0	0	0.00	0.0	0.0	0	0	0	0	0	0
22	9.7	78,268	496,353	76,254,645	4,327,757	0.00	30,014	6,007	4,508	0.00	0.0	2.5	0	0	0	0	0	0
23	10.5	79,469	501,863	76,293,730	4,361,713	0.00	30,013	30,024	7,525	0.00	0.0	2.5	0	0	0	0	0	0
24	13.5	80,667	506,680	76,334,730	4,393,533	0.00	30,007	12,010	5,523	0.00	0.0	2.1	0	0	0	0	0	0
25	14.3	81,687	507,814	76,379,620	4,423,319	1.67	30,133	12,023	0	0.00	0.0	1.8	0	0	0	0	0	0
26	8.8	82,322	514,804	76,424,015	4,456,978	3.17	18,910	11,993	4,018	0.00	0.0	1.3	0	0	0	0	0	0
27	12.9	82,877	517,498	76,472,445	4,493,430	4.42	0	0	0	0.00	0.0	0.0	0	0	0	0	0	0
28	NR	83,248	520,088	76,518,310	4,531,009	NR	0	0	0	0.00	0.0	0.0	0	0	0	0	0	0
29	8.8	83,618	522,678	76,564,175	4,568,588	7.50	0	0	2,074	0.00	0.0	0.0	0	0	0	0	0	0
30	9.0	83,980	525,348	76,603,540	4,606,675	8.50	18,043	0	0	0.00	0.0	0.0	0	0	0	0	0	0
31	9.6	84,337	527,988	76,643,600	4,646,814	8.25	18,007	12,029	3,021	0.00	0.0	0.0	0	0	0	0	0	0

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**Notes:**

- NR = No Records, NA = Not Available.
- Values in bold are estimated; values in italic are substitute for missing data and are based on averaged values
- Column IV includes quantities from leak detection system.
- Column XI, trace is less than 0.01 inches.
- Columns III, IV, V, VI, VIII, IX, X, XIV, XV, XVI, XVII and XVIII are quantities from flow meters.
- Columns XII and XIII measured from staff gages in each pond.

Type of Cover	Phases I-VI acres	Section 7 acres
Open	7	0
Intermediate	132.4	6
Final	23	0
Not Opened	0	6.5



**TABLE 3. 2004 MONTHLY LEACHATE BALANCE SUMMARY  
SOUTHEAST COUNTY LANDFILL  
HILLSBOROUGH COUNTY, FLORIDA**

Month	Rainfall (in.)	Leachate Arriving at LTRF			Leachate Leaving LTRF			Effluent Disposal			Inflow / Outflow For LTRF		
		Leachate Hauled to LTRF from HHLF/TRLF (gal.)	Leachate from Section 7 Pumped to LTRF (gal.)	Leachate from Phases I-VI Pumped to LTRF (gal.)	Total Leachate Hauled from LTRF (gal.)	Leachate Dust Control (Sprayed) (gal.)	Leachate Treated at LTRF (gal.)	Total Effluent Hauled (gal.)	Effluent Dust Control (Sprayed) (gal.)	Effluent Irrigation (gal.)	Total Inflow To LTRF (gal.)	Total Outflow From LTRF (gal.)	Balance <sup>3</sup> (gal.)
January	4.1	0	255,259	1,188,837	1,413,342	123,926	0	0	0	0	1,444,096	1,537,268	-93,172
February	3.09	0	244,951	1,052,923	1,596,738	27,350	0	0	0	0	1,297,874	1,624,088	-326,214
March	2.58	0	117,482	1,151,878	1,053,126	75,397	0	0	0	0	1,269,360	1,128,523	140,837
April													
May													
June													
July													
August													
September													
October													
November													
December													
YTD Total	9.77	0	617,692	3,393,638	4,063,206	226,673	0	0	0	0	4,011,330	4,289,879	-278,549

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Note:

1. If the bypass at the effluent pond is ever used to pump effluent back to the LTRF, this table must be modified.
2. Leachate from the Hillsborough Heights and Taylor Road landfills is being hauled to the Faulkenburg Road Wastewater Treatment Facility.
3. Balance represents total inflow to LTRF minus total outflow from LTRF.

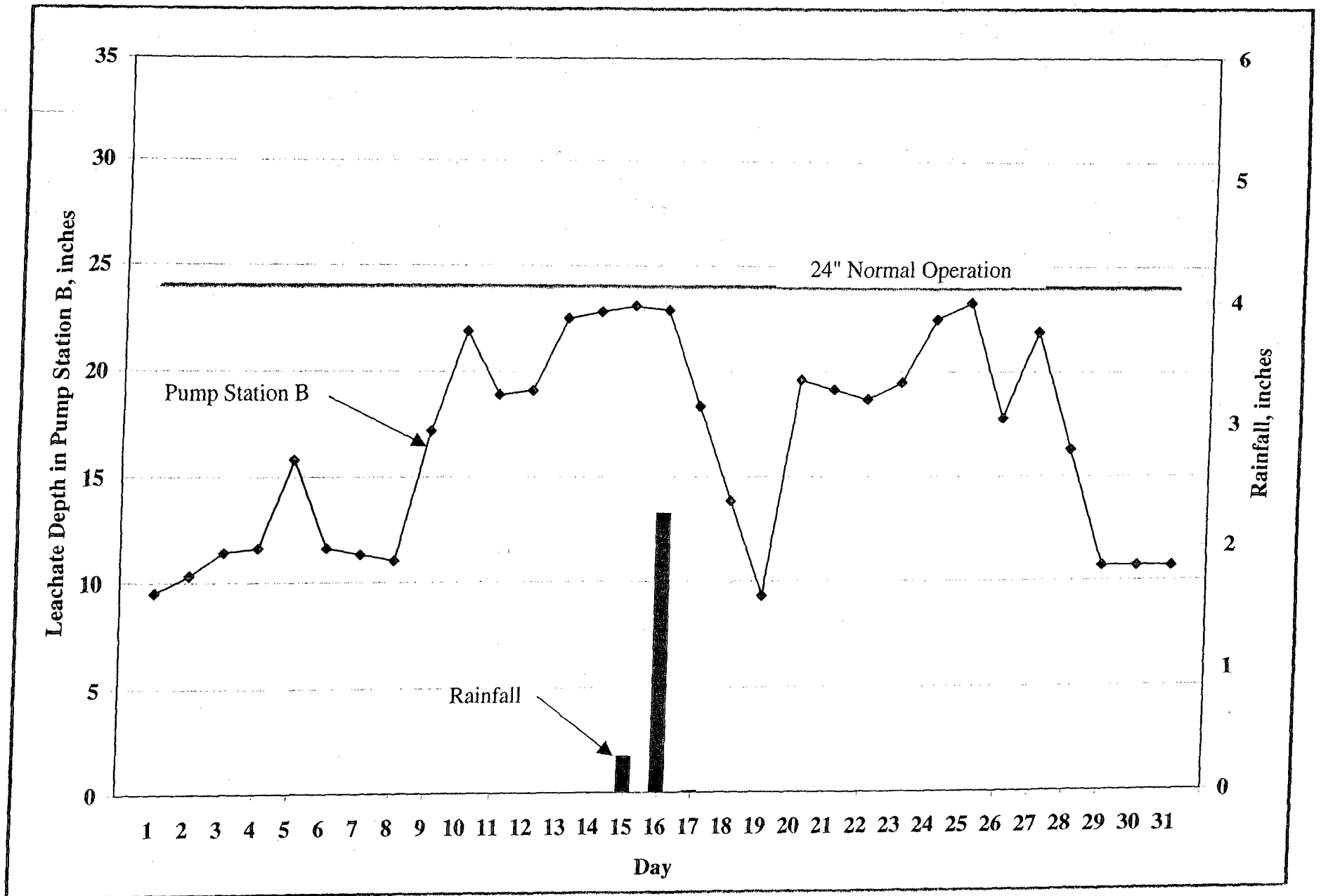


Figure 1. Leachate Levels in Pump Station B and Rainfall for March 2004.

**TABLE 1. LEACHATE HAULING SUMMARY  
SOUTHEAST COUNTY LANDFILL  
YEAR-2004**

Date	Leachate Hauled		Effluent Hauled	
	Contractor (gal.)	County (gal.)	Contractor (gal.)	County (gal.)
January	665,717	747,625	0	0
February	497,284	1,099,454	0	0
March	626,293	426,833	0	0
April				
May				
June				
July				
August				
September				
October				
November				
December				
<b>Total</b>	<b>1,789,294</b>	<b>2,273,912</b>	<b>0</b>	<b>0</b>

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