21375

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
TDD Telephone 527-5214
email: landfillinfo@bocc.citrus.fl.us
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

RECEIVED
JUL 15 2005
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

July 12, 2005

Susan Pelz
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Ms. Pelz:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months April, May and June 2005, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
Steven Laux, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1, & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1 & 1A	SURFACE LEACHATE OR SPECIAL PROJECT	**TOTAL LEACHATE**	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.20	58491	153298	2134	0	213923	0	254521	0	254521	-4059
FEBRUARY	1.50	41998	114083	1108	0	157189	0	203227	0	203227	-46038
MARCH	6.30	45564	182052	1015	0	228631	0	244709	0	244709	-16078
APRIL	7.40	52809	192157	836	0	245802	0	423123	0	423123	-177321
MAY	8.35	51314	196840	811	0	248965	0	296192	0	296192	-47227
JUNE	7.85	42594	177310	696	0	220600	0	260483	0	260483	-39883
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
YTD TOTAL	**32.6**	**292770**	**1015740**	**6600**	**0**	**1315110**	**0**	**1682255**	**0**	**1682255**	**-367145**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/05	Fri	0.00	6771	88	1675	0	8534	0	15645		15645	
4/2/05	Sat	0.00	14455	0	3151	0	17606	0	25196		25196	
4/3/05	Sun	1.50	0.0	0.0	0.0	0	0	0	0.0		0.0	
4/4/05	Mon	0.00	11192	85	2238	0	13515	0	12802		12802	
4/5/05	Tue	0.00	4556	0.0	1396		5952	0	13139		13139	
4/6/05	Wed	0.00	1960	0	1784	0	3744	0	14503		14503	
4/7/05	Thu	3.60	13794	78	1949	0	15821	0	13880		13880	
4/8/05	Fri	0.00	7010	8	2914	0	9932	0	25547		25547	
4/9/05	Sat	0.00	14033	0	4754	0	18787	0	34728		34728	
4/10/05	Sun	0.00	0	0	0	0	0	0	0		0	
4/11/05	Mon	0.00	6767	93	1715	0	8575	0	15899		15899	
4/12/05	Tue	0.00	6673	60	2059	0	8792	0	17765		17765	
4/13/05	Wed	0.00	11924	0	1099	0	13023	0	16818		16818	
4/14/05	Thu	0.00	7539	0	1612	0	9151	0	14965		14965	
4/15/05	Fri	0.00	0	85	1531	0	1616	0	19317		19317	
4/16/05	Sat	0.00	6006	86	1671	0	7763	0	18855		18855	
4/17/05	Sun	0.00	7250	0	1221	0	8471	0	11207		11207	
4/18/05	Mon	0.00	6009	0	1468	0	7477	0	16965		16965	
4/19/05	Tue	0.00	7278	0	1532	0	8810	0	23995		23995	
4/20/05	Wed	0.00	3337	81	1502	0	4920	0	349		349	
4/21/05	Thu	0.00	2729	4	1581	0	4314	0	24531		24531	
4/22/05	Fri	0.00	7272	0	2403	0	9675	0	4667		4667	
4/23/05	Sat	1.40	5871	0	1607	0	7478	0	8490		8490	
4/24/05	Sun	0.00	7090	0	1297	0	8387	0	9368		9368	
4/25/05	Mon	0.00	6027	85	1808	0	7920	0	8918		8918	
4/26/05	Tue	0.90	7191	0	1765	0	8956	0	13515		13515	
4/27/05	Wed	0.00	6106	0	2125	0	8231	0	13405		13405	
4/28/05	Thu	0.00	1863	0	2213	0	4076	0	13261		13261	
4/29/05	Fri	0.00	5606	83	1073	0	6762	0	6131		6131	
4/30/05	Sat	0.00	5848	0	1666	0	7514	0	9262		9262	
TOTALS		**7.40**	**192157**	**836**	**52809**	**0**	**245802**	**0**	**423123**	**0**	**423123**	**-177321**

0.0 represents No Reading

7 Acre meter out of service. Flow calculated using EMT readings at east and west lift stations.

Primary pump #2 out of service for repair 4/1 - 4/13/05

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/05	Sun	0.50	7671	0	1628	0	9299	0	9643		9643	
5/2/05	Mon	0.00	6186	87	1305	0	7578	0	9479		9479	
5/3/05	Tue	0.00	6428	0	1762	0	8190	0	9478		9478	
5/4/05	Wed	2.80	7358	0	2403	0	9761	0	11030		11030	
5/5/05	Thu	1.10	6645	0.0	3796	0	10441	0	10975		10975	
5/6/05	Fri	0.00	7660	86	2376	0	10122	0	9683		9683	
5/7/05	Sat	0.00	20163	0	3572	0	23735	0	17507		17507	
5/8/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
5/9/05	Mon	0.00	7761	0	1575	0	9336	0	11728		11728	
5/10/05	Tue	0.00	6276	87	1846	0	8209	0	14411		14411	
5/11/05	Wed	0.00	7653	0	1269	0	8922	0	14033		14033	
5/12/05	Thu	0.00	6134	0.0	1779	0	7913	0	9594		9594	
5/13/05	Fri	0.00	7586	0	1385	0	8971	0	9448		9448	
5/14/05	Sat	0.00	6100	0	1757	0	7857	0	9423		9423	
5/15/05	Sun	0.00	2507	0	1666	0	4173	0	9572		9572	
5/16/05	Mon	0.00	4906	98	1696	0	6700	0	9494		9494	
5/17/05	Tue	0.30	6050	0	833	0	6883	0	9799		9799	
5/18/05	Wed	0.00	7424	101	1832	0	9357	0	9756		9756	
5/19/05	Thu	0.00	6111	0.0	1237	0	7348	0	9639		9639	
5/20/05	Fri	0.00	7275	0	1718	0	8993	0	9387		9387	
5/21/05	Sat	0.00	6041	87	1737	0	7865	0	9772		9772	
5/22/05	Sun	0.50	4397	0	1557	0	5954	0	9996		9996	
5/23/05	Mon	0.00	3257	0	1097	0	4354	0	9801		9801	
5/24/05	Tue	0.00	5801	86	1512	0	7399	0	9805		9805	
5/25/05	Wed	0.00	6775	0	1687	0	8462	0	9918		9918	
5/26/05	Thu	0.00	6141	0.0	861	0	7002	0	8274		8274	
5/27/05	Fri	0.00	7427	0	1588	0	9015	0	8387		8387	
5/28/05	Sat	0.00	5962	90	2632	0	8684	0	17335		17335	
5/29/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
5/30/05	Mon	1.15	7384	0	1308	0	8692	0	0		0	
5/31/05	Tue	2.00	5761	89	1900	0	7750	0	8825		8825	
TOTALS		**8.35**	**196840**	**811**	**51314**	**0**	**248965**	**0**	**296192**	**0**	**296192**	**-47227**

0.0 represents No Reading

7 Acre meter out of service. Flow calculated using EMT readings at east and west lift stations.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/05	Wed	0.00	7408	0	1481	0	8889	0	10235		10235	
6/2/05	Thu	0.00	6314	0	1696	0	8010	0	8689		8689	
6/3/05	Fri	0.00	6426	0	1766	0	8192	0	7759		7759	
6/4/05	Sat	0.00	11325	89	3934	0	15348	0	16794		16794	
6/5/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
6/6/05	Mon	0.20	6285	0	1058	0	7343	0	2167		2167	
6/7/05	Tue	0.00	7281	92	2190	0	9563	0	8911		8911	
6/8/05	Wed	0.10	6226	0	3886	0	10112	0	8929		8929	
6/9/05	Thu	0.30	0	0	1460	0	1460	0	9069		9069	
6/10/05	Fri	0.30	7149	0	546	0	7695	0	3105		3105	
6/11/05	Sat	0.70	6092	97	1885	0	8074	0	14917		14917	
6/12/05	Sun	0.30	5313	0	2132	0	7445	0	9402		9402	
6/13/05	Mon	0.90	5496	0	1057	0	6553	0	9226		9226	
6/14/05	Tue	0.00	10025	83	618	0	10726	0	9008		9008	
6/15/05	Wed	0.00	5546	0	0	0	5546	0	9319		9319	
6/16/05	Thu	0.00	6037	0	85	0	6122	0	8925		8925	
6/17/05	Fri	0.00	7763	89	1102	0	8954	0	8934		8934	
6/18/05	Sat	0.50	0	0	874	0	874	0	9435		9435	
6/19/05	Sun	0.00	6208	0	1264	0	7472	0	8103		8103	
6/20/05	Mon	0.10	7444	83	871	0	8398	0	8137		8137	
6/21/05	Tue	0.90	6158	0	1609	0	7767	0	8637		8637	
6/22/05	Wed	0.30	7399	0	2846	0	10245	0	10934		10934	
6/23/05	Thu	0.00	5067	0	559	0	5626	0	6179		6179	
6/24/05	Fri	0.00	1258	0	1950	0	3208	0	12890		12890	
6/25/05	Sat	0.70	13439	27	2328	0	15794	0	17347		17347	
6/26/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
6/27/05	Mon	1.50	5128	0	900	0	6028	0	7616		7616	
6/28/05	Tue	0.00	6224	136	1812	0	8172	0	8097		8097	
6/29/05	Wed	0.65	6603	0	1567	0	8170	0	8737		8737	
6/30/05	Thu	0.40	7696	0	1118	0	8814	0	8982		8982	
TOTALS		**7.85**	**177310**	**696**	**42594**	**0**	**220600**	**0**	**260483**	**0**	**260483**	**-39883**

0.0 represents No Reading

7 Acre meter out of service. Flow calculated using EMT readings at east and west lift stations.

21375

Boa[illegible] of County Commissi[illegible]ners
DEPARTMENT OF PUBLIC WORKS
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RECEIVED
JUL 15 2005
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

July 12, 2005

Mr. John Morris
Environmental Specialist III
Dept. Of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619-8318

RE: WEEKLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-003-SO

Dear Mr. Morris:

Enclosed please find the following leachate monitoring results for the Citrus County Central Landfill site, together with the Operator's monthly reports covering the quarterly period April, May and June 2005:

1) **Weekly effluent analytical results:** There were no exceedances of permit limits for this time period.
2) **Quarterly Effluent results:** Forwarded by Jones, Edmunds and Associates under separate cover letter.

Should further information or clarification be necessary, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

CC: Tom Dick, Assistant Director, Dept. Public Works w/o attachments
Susan Pelz, Department of Environmental Protection w/xls.sheet

CITRUS COUNTY CENTRAL LANDFILL
WEEKLY LEACHATE MONITORING

SAC Laboratories	MAXIMUM CONTAMINANT LEVEL BY PERMIT								
Results		20			10			20	
		CBOD						SUSPENDED	
DATE	<	5 day	MG/L	<	NITRATE	MG/L	<	SOLIDS	MG/L
4/6/05		2.91			0.23		<	1.0	
4/13/05		1.56			0.11			2.5	
4/20/05		1.22			0.11		<	1.0	
4/27/05		1.22			1.0		<	1.0	
5/4/05		1.12			0.8		<	1.0	
5/11/05		2.38			0.94		<	1.0	
5/18/05		2.1			1.6		<	1.0	
5/25/05		3.5			0.45		<	1.0	
6/1/05		1.11			1.3			1.5	
6/8/05		3.08			2.6			5.0	
6/15/05		2.33			0.37		<	1.0	
6/22/05		1.55		<	0.1		<	1.0	
6/29/05		3.92		<	0.1		<	1.0	

cjw

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
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Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

April 8, 2005

RECEIVED
APR 11 2005
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Susan Pelz
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Ms. Pelz:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months January, February and March 2005, together with the Year to Date Leachate Tracking Summary.

Please note the high secondary flow for this period is due to the tie-in of the new cell liner to the 80-acre liner, leaving liner exposed to weather conditions.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
Steven Laux, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1, 1A & 2	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1, 1A & 2	SURFACE LEACHATE OR SPECIAL PROJECT	**TOTAL LEACHATE**	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.20	58491	153298	2134	0	213923	0	254521	0	254521	-4059
FEBRUARY	1.50	41998	114083	1108	0	157189	0	203227	0	203227	-46038
MARCH	6.30	45564	182052	1015	0	228631	0	244709	0	244709	-16078
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
YTD TOTAL	**9**	**146053**	**449433**	**4257**	**0**	**599743**	**0**	**702457**	**0**	**702457**	**-102714**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/05	Sat	0.00	6780	370	1921	0	9071	0	0		0	
1/2/05	Sun	0.00	6906	88	1522	0	8516	0	7739		7739	
1/3/05	Mon	0.00	3786	207	1994	0	5987	0	7860		7860	
1/4/05	Tue	0.00	3829	55	1568	0	5452	0	7903		7903	
1/5/05	Wed	0.00	6983	159	2125	0	9267	0	7800		7800	
1/6/05	Thu	0.00	3739	90	1541	0	5370	0	8066		8066	
1/7/05	Fri	0.00	3833	84	1697	0	5614	0	8121		8121	
1/8/05	Sat	0.00	11368	86	2986	0	14440	0	16085		16085	
1/9/05	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/10/05	Mon	0.00	332	0	2067	0	2399	0	6422		6422	
1/11/05	Tue	0.00	6406	62	1388	0	7856	0	7776		7776	
1/12/05	Wed	0.00	2904	6	1639	0	4549	0	7960		7960	
1/13/05	Thu	0.90	7149	175	3940	0	11264	0	8634		8634	
1/14/05	Fri	0.30	6465	319	1701	0	8485	0	7359		7359	
1/15/05	Sat	0.00	10977	2	5980	0	16959	0	22610		22610	
1/16/05	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/17/05	Mon	0.00	6123	87	1399	0	7609	0	7937		7937	
1/18/05	Tue	0.00	7176	0	1914	0	9090	0	9892		9892	
1/19/05	Wed	0.00	0	0	1914	0	1914	0	11287		11287	
1/20/05	Thu	0.00	5726	84	939	0	6749	0	13243		13243	
1/21/05	Fri	0.00	7003	0	1733	0	8736	0	6473		6473	
1/22/05	Sat	0.00	13257	86	3255	0	16598	0	24288		24288	
1/23/05	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/24/05	Mon	0.00	0	0	4442	0	4442	0	8548		8548	
1/25/05	Tue	0.00	6229	87	1773	0	8089	0	8634		8634	
1/26/05	Wed	0.00	7149	0	1450	0	8599	0	6950		6950	
1/27/05	Thu	0.00	0	0	1969	0	1969	0	9194		9194	
1/28/05	Fri	0.00	6181	87	1371	0	7639	0	5702		5702	
1/29/05	Sat	0.00	6828	0	3298	0	10126	0	13046		13046	
1/30/05	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/31/05	Mon	0.00	6169	0	965	0	7134	0	4992		4992	
TOTALS		**1.20**	**153298**	**2134**	**58491**	**0**	**213923**	**0**	**254521**	**0**	**254521**	**-40598**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using ETM readings at east and west lift stations.

High secondary flow due to tie-in of new cell liner to 80 acre liner, leaving liner exposed to weather in December, 2004

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
2/1/05	Tue	0.00	2231	87	2104	0	4422	0	8094		8094	
2/2/05	Wed	0.00	5083	0	1036	0	6119	0	5724		5724	
2/3/05	Thu	0.20	6345	0	1458	0	7803	0	8746		8746	
2/4/05	Fri	0.00	0	0	1436	0	1436	0	4924		4924	
2/5/05	Sat	0.00	6889	86	2635	0	9610	0	15447		15447	
2/6/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/7/05	Mon	0.00	6072	0	1292	0	7364	0	7172		7172	
2/8/05	Tue	0.00	0	0	1162	0	1162	0	8266		8266	
2/9/05	Wed	0.00	0	0	1384	0	1384	0	5745		5745	
2/10/05	Thu	0.00	0	0	1894	0	1894	0	7214		7214	
2/11/05	Fri	0.00	14161	433	1404	0	15998	0	8984		8984	
2/12/05	Sat	0.00	7335	0	1967	0	9302	0	6412		6412	
2/13/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/14/05	Mon	0.00	6963	102	1331	0	8396	0	8546		8546	
2/15/05	Tue	0.00	0	0	3395	0	3395	0	5617		5617	
2/16/05	Wed	0.00	6201	83	2269	0	8553	0	8740		8740	
2/17/05	Thu	0.00	7390	3	2122	0	9515	0	9907		9907	
2/18/05	Fri	0.00	6256	0	1343	0	7599	0	6685		6685	
2/19/05	Sat	0.00	0	0	1753	0	1753	0	8451		8451	
2/20/05	Sun	0.00	7302	85	1359	0	8746	0	4952		4952	
2/21/05	Mon	0.00	0	0	1404	0	1404	0	8988		8988	
2/22/05	Tue	0.00	6418	0	1848	0	8266	0	8963		8963	
2/23/05	Wed	0.00	3071	88	1807	0	4966	0	8046		8046	
2/24/05	Thu	0.80	6115	0	842	0	6957	0	4828		4828	
2/25/05	Fri	0.20	204	84	1163	0	1451	0	8663		8663	
2/26/05	Sat	0.30	7383	57	1501	0	8941	0	7858		7858	
2/27/05	Sun	0.00	8664	0	1639	0	10303	0	8461		8461	
2/28/05	Mon	0.00	0	0	450	0	450	0	7794		7794	
TOTALS		1.50	114083	1108	41998	0	157189	0	203227	0	203227	-46038

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using EMT readings at east and west lift stations.

2/8-11/05 Power off to primary and secondary pumps for re-wiring

2/11/05 High secondary flow was an accumulation of flow from 2/8 to 2/11

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/05	Tue	0.00	6455	0	1111	0	7566	0	6223		6223	
3/2/05	Wed	0.00	0	0	1271	0	1271	0	5406		5406	
3/3/05	Thu	0.30	3524	0	924	0	4448	0	7059		7059	
3/4/05	Fri	0.00	9603	145	1211	0	10959	0	8523		8523	
3/5/05	Sat	0.00	6729	168	1762	0	8659	0	7223		7223	
3/6/05	Sun	0.00	1296	13	1007	0	2316	0	4949		4949	
3/7/05	Mon	0.00	6437	94	1543	0	8074	0	7818		7818	
3/8/05	Tue	0.00	6702	0	1600	0	8302	0	8188		8188	
3/9/05	Wed	0.00	0	0	1428	0	1428	0	4760		4760	
3/10/05	Thu	0.00	6505	3	2758	0	9266	0	9430		9430	
3/11/05	Fri	0.00	6927	80	966	0	7973	0	7482		7482	
3/12/05	Sat	0.00	6500	86	2303	0	8889	0	11748		11748	
3/13/05	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
3/14/05	Mon	0.15	6610	0	1508	0	8118	0	8563		8563	
3/15/05	Tue	0.10	1318	0	804	0	2122	0	5538		5538	
3/16/05	Wed	0.60	4929	74	1373	0	6376	0	9503		9503	
3/17/05	Thu	0.20	6417	12	1516	0	7945	0	11425		11425	
3/18/05	Fri	0.00	6689	0	1444	0	8133	0	9322		9322	
3/19/05	Sat	0.00	6729	83	2536	0	9348	0	7650		7650	
3/20/05	Sun	0.00	0.0	0.0	0.0	0	0	0	8609		8609	
3/21/05	Mon	0.30	6650	0	669	0	7319	0	5516		5516	
3/22/05	Tue	1.25	6509	0	2199	0	8708	0	6690		6690	
3/23/05	Wed	0.10	6938	84	1210	0	8232	0	10954		10954	
3/24/05	Thu	0.00	6948	0	1293	0	8241	0	7915		7915	
3/25/05	Fri	0.00	6876	85	2104	0	9065	0	8144		8144	
3/26/05	Sat	0.00	10260	0	2415	0	12675	0	11236		11236	
3/27/05	Sun	3.30	11554	0	1333	0	12887	0	7970		7970	
3/28/05	Mon	0.00	7183	82	1843	0	9108	0	6468		6468	
3/29/05	Tue	0.00	13234	0	1912	0	15146	0	12817		12817	
3/30/05	Wed	0.00	6177	6	2165	0	8348	0	6569		6569	
3/31/05	Thu	0.00	6353	0	1356	0	7709	0	11011		11011	
TOTALS		**6.30**	**182052**	**1015**	**45564**	**0**	**228631**	**0**	**244709**	**0**	**244709**	**-16078**

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using EMT readings at east and west lift stations.

21375
LR

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120
TTY Telephone: (352) 527-0825 or (352) 527-5312

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JAN 14 2005
SOUTHWEST DISTRICT
TAMPA

January 11, 2005

Susan Pelz, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Ms. Pelz:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November and December 2004, together with the Year to Date Leachate Tracking Summary.

The impact of the hurricane/tropical storm related leachate flows is evident in the October measurements, including surface leachate flow and offsite treatment. During November, 7-acre flows were impacted by the requirement to turn off pumps related to the leachate lift station and transmission line testing and inspection. This work is related to permit renewal-required testing. Recirculation of various liquids from the leachate treatment plant may be impacting the overall balance being reported in these spreadsheets. We expect this item to be discussed as part of the operating permit renewal and as summarized below.

Beginning with this reporting period, we have instituted the first part of a proposed change in flow measurement technique as a test of this issue prior to permit renewal. The meter that measures flow from the combined 7-acre lift stations is a mechanical meter that is prone to malfunction. We proposed to delete use of that meter. We ran pumping rate tests on each 7-acre lift station separately to determine normal rates. Each lift station has an elapsed time meter. The total of the calculated flow rates from the ETMs has been entered as the measure of 7-acre flow.

The electronic flow meter that measures the combined flow from the 7-acre lift stations plus the treatment plant lift station (which is unmetered) has been used in the past to calculate plant lift station flow by subtracting the 7-acre flow from the electronic flow meter readings. The plant flow information is not required by permit to be reported.

The County proposes to install an electronic flow meter at the plant lift station (along with replacing check valves) to get a direct measurement of the amount of flow that is produced in the plant and drying beds then recirculated to the master lift station and storage tanks. We propose to continue comparing the ETM readings with the difference between the two electronic meters as the basis for reporting 7-acre lift station flows. The new flow meter has been ordered

During December, the Phase 1A (80-acre site) secondary flow meter indicates increased flow. For five days during the month, the flow rate exceeded the action leakage rate for the permit. The cause is exposure of the secondary geocomposite material to direct rainfall while liner installation for Phase 2 is being conducted rather than leakage. Our calculations indicate that approximately half of the direct rainfall for December on the open anchor trench was pumped from the secondary leachate collection system.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
Steven Laux, P.E., Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.94	32892	109527	300	0	142719	0	0	89269	89269	53450
FEBRUARY	3.26	31872	126575	7	0	158454	0	104380	99302	203682	-45228
MARCH	2.35	40313	136028	410	0	176751	0	335312	0	335312	-158561
APRIL	0.68	36442	120991	2	0	157435	0	225671	0	225671	-68236
MAY	1.38	35091	115767	215	0	151073	0	165285	0	165285	-14212
JUNE	8.20	32919	123986	206	78640	235751	0	177219	0	177219	58532
JULY	13.13	48726	145532	253	365300	559811	0	262156	0	262156	297655
AUGUST	8.40	57312	169222	103	114648	341285	0	555294	0	555294	-214009
SEPTEMBER	20.26	60573	200971	158	639270	900972	480162	362425	0	842587	58385
OCTOBER	1.27	60391	167559	172	89920	318042	78031	443569	0	521600	-203558
NOVEMBER	0.70	42020	143570	203	0	185793	0	243361	0	243361	-57568
DECEMBER	3.15	32890	169271	3210	0	205371	0	225290	0	225290	-19919
YTD TOTAL	**65.72**	**511441**	**1728999**	**5239**	**1287778**	**3533457**	**558193**	**3099962**	**188571**	**3846726**	**-313269**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/04	Fri	0.10	7059	0	2090	0	9149	50743	18748		69491	
10/2/04	Sat	0.00	7097	0	2090	0	9187	0	15836		15836	
10/3/04	Sun	0.00	3779	0	1870	0	5649	0	16749		16749	
10/4/04	Mon	0.02	7375	0	2200	0	9575	27288	14824		42112	
10/5/04	Tue	0.00	5547	79	1980	89920	97526	0	18325		18325	
10/6/04	Wed	0.00	5173	0	1870	0	7043	0	12306		12306	
10/7/04	Thu	0.05	7161	0	1980	0	9141	0	14909		14909	
10/8/04	Fri	0.00	3572	0	1980	0	5552	0	16940		16940	
10/9/04	Sat	0.00	7393	0	1980	0	9373	0	12590		12590	
10/10/04	Sun	0.15	7318	0	2090	0	9408	0	15186		15186	
10/11/04	Mon	0.00	3738	0	2090	0	5828	0	14303		14303	
10/12/04	Tue	0.00	6988	0	2090	0	9078	0	14723		14723	
10/13/04	Wed	0.00	3502	0	2310	0	5812	0	15796		15796	
10/14/04	Thu	0.00	6902	0	2200	0	9102	0	15482		15482	
10/15/04	Fri	0.00	3692	0	1760	0	5452	0	12607		12607	
10/16/04	Sat	0.00	11065	0	3740	0	14805	0	35426		35426	
10/17/04	Sun	0.00	0.0	0	0.0	0	0.0	0	0.0		0	
10/18/04	Mon	0.00	4602	0	1760	0	6362	0	11417		11417	
10/19/04	Tue	0.55	6288	0	2420	0	8708	0	0.0		0	
10/20/04	Wed	0.40	3742	93	1870	0	5705	0	18383		18383	
10/21/04	Thu	0.00	7558	0	2090	0	9648	0	14261		14261	
10/22/04	Fri	0.00	3703	0	1650	0	5353	0	9850		9850	
10/23/04	Sat	0.00	11192	0	3630	0	14822	0	25622		25622	
10/24/04	Sun	0.00	0.0	0	0.0	0	0.0	0	0.0		0	
10/25/04	Mon	0.00	7331	0	1980	0	9311	0	16378		16378	
10/26/04	Tue	0.00	3656	0	1760	0	5416	0	10655		10655	
10/27/04	Wed	0.00	5508	0	1760	0	7268	0	18539		18539	
10/28/04	Thu	0.00	5614	0	1760	0	7374	0	14931		14931	
10/29/04	Fri	0.00	3763	0	1760	0	5523	0	10665		10665	
10/30/04	Sat	0.00	7241	0	1870	0	9111	0	12245		12245	
10/31/99	Sun	0.00	0.0	0	1761	0	1761	0	15873		15873	
TOTALS		**1.27**	**167559**	**172**	**60391**	**89920**	**318042**	**78031**	**443569**		**521600**	**-203558**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using ETM readings at east and west lift stations.

CITRUS COUNTY CENTRAL LANDFILL

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/04	Mon	0.00	5639	0	2090	0	7729	0	13726		13726	
11/2/04	Tue	0.00	5495	0	1650	0	7145	0	10443		10443	
11/3/04	Wed	0.00	6895	0	1870	0	8765	0	9854		9854	
11/4/04	Thu	0.00	3613	7	1430	0	5050	0	11107		11107	
11/5/04	Fri	0.10	4282	6	0	0	4288	0	9904		9904	
11/6/04	Sat	0.00	7163	0	0	0	7163	0	13613		13613	
11/7/04	Sun	0.00	3474	88	0	0	3562	0	11940		11940	
11/8/04	Mon	0.00	3563	0	4290	0	7853	0	6616		6616	
11/9/04	Tue	0.00	6599	0	2750	0	9349	0	10361		10361	
11/10/04	Wed	0.00	3217	0	880	0	4097	0	3025		3025	
11/11/04	Thu	0.00	7031	0	880	0	7911	0	8230		8230	
11/12/04	Fri	0.00	3267	0	990	0	4257	0	7878		7878	
11/13/04	Sat	0.00	9782	0	2310	0	12092	0	18008		18008	
11/14/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/15/04	Mon	0.00	3176	9	2970	0	6155	0	0		0	
11/16/04	Tue	0.00	5375	0	990	0	6365	0	5217		5217	
11/17/04	Wed	0.00	5133	0	660	0	5793	0	6994		6994	
11/18/04	Thu	0.00	3595	0	3960	0	7555	0	8775		8775	
11/19/04	Fri	0.00	6917	0	2200	0	9117	0	12181		12181	
11/20/04	Sat	0.00	6817	0	2420	0	9237	0	13794		13794	
11/21/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/22/04	Mon	0.00	7026	0	1430	0	8456	0	7120		7120	
11/23/04	Tue	0.00	3586	0	1100	0	4686	0	0		0	
11/24/04	Wed	0.00	3360	93	1100	0	4553	0	14552		14552	
11/25/04	Thu	0.00	3481	0	660	0	4141	0	7638		7638	
11/26/04	Fri	0.00	6909	0	1100	0	8009	0	8005		8005	
11/27/04	Sat	0.60	3513	0	1430	0	4943	0	8124		8124	
11/28/04	Sun	0.00	3523	0	880	0	4403	0	8089		8089	
11/29/04	Mon	0.00	3868	0	1100	0	4968	0	8167		8167	
11/30/04	Tue	0.00	7271	0	880	0	8151	0	0		0	
TOTALS		**0.70**	**143570**	**203**	**42020**	**0**	**185793**	**0**	**243361**	**0**	**243361**	**-57568**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using ETM readings at east and west lift stations.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/04	Wed	0.00	3834	0	1100	0	4934	0	4388		4388	
12/2/04	Thu	0.00	3641	0	1210	0	4851	0	13608		13608	
12/3/04	Fri	0.00	3356	0	1210	0	4566	0	7107		7107	
12/4/04	Sat	0.00	10885	0	1760	0	12645	0	14394		14394	
12/5/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/6/04	Mon	0.00	3795	0	880	0	4675	0	7282		7282	
12/7/04	Tue	0.00	3646	0	1100	0	4746	0	3997		3997	
12/8/04	Wed	0.00	3734	0	770	0	4504	0	4800		4800	
12/9/04	Thu	0.00	6768	0	990	0	7758	0	8409		8409	
12/10/04	Fri	0.20	3577	0	1100	0	4677	0	8187		8187	
12/11/04	Sat	0.00	7377	0	1980	0	9357	0	20812		20812	
12/12/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/13/04	Mon	0.00	7134	0	1210	0	8344	0	7502		7502	-
12/14/04	Tue	0.00	3385	0	880	0	4265	0	7762		7762	
12/15/04	Wed	0.00	3360	0	1430	0	4790	0	8340		8340	
12/16/04	Thu	0.00	3402	0	770	0	4172	0	7642		7642	
12/17/04	Fri	0.00	3592	0	1100	0	4692	0	7909		7909	
12/18/04	Sat	0.00	11214	0	2200	0	13414	0	15592		15592	
12/19/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/20/04	Mon	0.00	3692	0	990	0	4682	0	0		0	
12/21/04	Tue	0.00	3808	0	990	0	4798	0	0		0	
12/22/04	Wed	0.00	3646	0	990	0	4636	0	13138		13138	
12/23/04	Thu	1.80	12558	507	880	0	13945	0	0		0	
12/24/04	Fri	0.00	20926	0	2530	0	23456	0	23863		23863	
12/25/04	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/26/04	Sun	0.70	10864	0	990	0	11854	0	0		0	
12/27/04	Mon	0.00	6930	1144	990	0	9064	0	7934		7934	
12/28/04	Tue	0.45	6892	542	1540	0	8974	0	8520		8520	
12/29/04	Wed	0.00	6905	636	1650	0	9191	0	8131		8131	
12/30/04	Thu	0.00	10350	381	1650	0	12381	0	15973		15973	
12/31/04	Fri	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
TOTALS		**3.15**	**169271**	**3210**	**32890**	**0**	**205371**	**0**	**225290**	**0**	**225290**	**-19919**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

7 Acre meter out of service. Flow calculated using ETM readings at east and west lift stations.

21375
LR

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120
TTY Telephone: (352) 527-0825 or (352) 527-5312

October 13, 2004

Susan Pelz
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Ms. Pelz:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months July, August and September 2004, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
Steven Laux, P.E., Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.94	32892	109527	300	0	142719	0	0	89269	89269	53450
FEBRUARY	3.26	31872	126575	7	0	158454	0	104380	99302	203682	-45228
MARCH	2.35	40313	136028	410	0	176751	0	335312	0	335312	-158561
APRIL	0.68	36442	120991	2	0	157435	0	225671	0	225671	-68236
MAY	1.38	35091	115767	215	0	151073	0	165285	0	165285	-14212
JUNE	8.20	32919	123986	206	78640	235751	0	177219	0	177219	58532
JULY	13.13	48726	145532	253	365300	559811	0	262156	0	262156	297655
AUGUST	8.40	57312	169222	103	114648	341285	0	555294	0	555294	-214009
SEPTEMBER	20.26	60573	200971	158	639270	900972	480162	362425	0	842587	58385
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**60.6**	**376140**	**1248599**	**1654**	**1197858**	**2824251**	**480162**	**2187742**	**188571**	**2856475**	**-32224**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO CO. WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/04	Thu	0.00	3328	0	1062	0	4390	0	4971		4971	
7/2/04	Fri	0.00	13483	0	3829	0	17312	0	22296		22296	
7/3/04	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/4/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/5/04	Mon	0.00	3792	0	1263	0	5055	0	5288		5288	
7/6/04	Tue	0.00	3505	0	1251	0	4756	0	9986		9986	
7/7/04	Wed	0.10	3363	0	1380	0	4743	0	316		316	
7/8/04	Thu	0.00	4013	131	1198	0	5342	0	6886		6886	
7/9/04	Fri	0.40	3872	20	1424	0	5316	0	9908		9908	
7/10/04	Sat	0.50	3663	0	1201	0	4864	0	5609		5609	
7/11/04	Sun	0.50	3683	0	1188	0	4871	0	6581		6581	
7/12/04	Mon	0.10	7102	0	1185	0	8287	0	9774		9774	
7/13/04	Tue	0.20	3450	0	1342	0	4792	0	5395		5395	
7/14/04	Wed	0.00	3778	0	1484	0	5262	0	6297		6297	
7/15/04	Thu	0.00	3316	0	1527	0	4843	0	12346		12346	
7/16/04	Fri	0.90	3361	0	1493	0	4854	0	6037		6037	
7/17/04	Sat	0.00	10142	0	3056	0	13198	0	20963		20963	
7/18/04	Sun	4.40	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/19/04	Mon	1.20	7480	82	1773	123640	132975	0	8514		8514	
7/20/04	Tue	0.00	3626	0	1979	0	5605	0	12805		12805	
7/21/04	Wed	0.00	7703	20	1771	22480	31974	0	9374		9374	
7/22/04	Thu	0.00	3847	0	1778	0	5625	0	21379		21379	
7/23/04	Fri	0.00	7023	0	1956	0	8979	0	14367		14367	
7/24/04	Sat	1.40	11091	0	4216	44960	60267	0	13929		13929	
7/25/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/26/04	Mon	0.10	3632	0	1811	0	5443	0	0		0	
7/27/04	Tue	0.03	4821	0	1664	0	6485	0	5895		5895	
7/28/04	Wed	3.20	2278	0	2067	0	4345	0	10777		10777	
7/29/04	Thu	0.00	9221	0	1995	123640	134856	0	12530		12530	
7/30/04	Fri	0.00	7030	0	1940	50580	59550	0	10158		10158	
7/31/04	Sat	0.10	3929	0	1893	0	5822	0	9775		9775	
TOTALS		13.13	145532	253	48726	365300	559811	0	262156	0	262156	297655

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

DEP
OCT 15 2004
Southwest District Tampa

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/04	Sun	1.80	0	0	2061	0	2061	0	11720		11720	
8/2/04	Mon	0.00	10750	0	1834	0	12584	0	10282		10282	
8/3/04	Tue	0.40	6995	0	2055	0	9050	0	15157		15157	
8/4/04	Wed	0.40	3818	0	1905	0	5723	0	8806		8806	
8/5/04	Thu	0.10	7107	0	2443	0	9550	0	13971		13971	
8/6/04	Fri	0.70	3636	0	1657	0	5293	0	16561		16561	
8/7/04	Sat	0.00	7360	0	1957	0	9317	0	13475		13475	
8/8/04	Sun	2.00	3636	0	2210	0	5846	0	26830		26830	
8/9/04	Mon	0.00	3786	0	1625	0	5411	0	12570		12570	
8/10/04	Tue	0.00	7436	0	1919	53952	63307	0	23736		23736	
8/11/04	Wed	0.00	6226	10	1918	0	8154	0	15332		15332	
8/12/04	Thu	0.00	4763	0	1681	0	6444	0	16975		16975	
8/13/04	Fri	1.40	7311	0	2002	0	9313	0	16994		16994	
8/14/04	Sat	0.00	7543	0	4289	0	11832	0	21966		21966	
8/15/04	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
8/16/04	Mon	0.00	7604	0	1935	33720	43259	0	33446		33446	
8/17/04	Tue	0.00	6321	9	2120	0	8450	0	25021		25021	
8/18/04	Wed	1.00	3844	8	1905	26976	32733	0	19630		19630	
8/19/04	Thu	0.00	4486	0	1808	0	6294	0	20275		20275	
8/20/04	Fri	0.00	7367	0	1892	0	9259	0	19742		19742	
8/21/04	Sat	0.00	11380	0	3587	0	14967	0	40427		40427	
8/22/04	Sun	0.20	0.0	0.0	0.0	0	0	0	0.0		0.0	
8/23/04	Mon	0.10	3561	0	1743	0	5304	0	21747		21747	
8/24/04	Tue	0.00	7486	0	1839	0	9325	0	17006		17006	
8/25/04	Wed	0.00	3788	0	1601	0	5389	0	22682		22682	
8/26/04	Thu	0.00	7306	0	1545	0	8851	0	16015		16015	
8/27/04	Fri	0.00	3696	76	1742	0	5514	0	24890		24890	
8/28/04	Sat	0.00	10800	0	3120	0	13920	0	32169		32169	
8/29/04	Sun	0.30	0.0	0.0	0.0	0	0	0	0.0		0.0	
8/30/04	Mon	0.00	3706	0	1521	0	5227	0	21470		21470	
8/31/04	Tue	0.00	7510	0	1398	0	8908	0	16399		16399	
TOTALS		8.40	169222	103	57312	114648	341285	0	555294	0	555294	-214009

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

8/13/04 Received 1.40 inches or rainfall due to hurricane Charley

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/04	Wed	0.10	3785	0	1503	0	5288	0	12835		12835	
9/2/04	Thu	0.20	3689	0	1760	168600	174049	0	14800		14800	
9/3/04	Fri	0.00	7096	0	1650	0	8746	0	3700		3700	
9/4/04	Sat	0.00	6724	0	3740	0	10464	0	12712		12712	
9/5/04	Sun	6.00	19110	0	0.0	0	19110	0	18084		18084	
9/6/04	Mon	5.00	0.0	0.0	0.0	0	0	0	0.0		0	
9/7/04	Tue	1.30	8375	0	1430	0	9805	0	9302		9302	
9/8/04	Wed	0.00	9457	0	2090	0	11547	0	8897		8897	
9/9/04	Thu	0.36	7310	0	0.0	0	7310	0	16342		16342	
9/10/04	Fri	0.00	5608	27	1430	0	7065	0	8877		8877	
9/11/04	Sat	0.00	7579	52	2420	0	10051	0	17110		17110	
9/12/04	Sun	1.30	7087	0	0.0	0	7087	0	12721		12721	
9/13/04	Mon	0.00	7508	0	6600	0	14108	12211	15762		27973	
9/14/04	Tue	0.00	9244	0	1980	0	11224	23017	19667		42684	
9/15/04	Wed	0.20	5447	0	2530	0	7977	23118	23056		46174	
9/16/04	Thu	0.00	4061	0	2310	0	6371	42249	1026		43275	
9/17/04	Fri	0.00	7728	0	2420	0	10148	29070	0		29070	
9/18/04	Sat	0.00	7673	0	2090	0	9763	0	4981		4981	
9/19/04	Sun	0.00	7577	0	2640	0	10217	0	0		0	
9/20/04	Mon	0.20	3752	0	1650	0	5402	23249	1641		24890	
9/21/04	Tue	0.00	3839	0	2310	112760	118909	29102	9067		38169	
9/22/04	Wed	0.00	7365	0	1980	0	9345	47556	20988		68544	
9/23/04	Thu	0.00	3827	79	1870	0	5776	54353	9745		64098	
9/24/04	Fri	0.00	7257	0	2200	155945	165402	32305	28325		60630	
9/25/04	Sat	0.00	10200	0	4730	0	14930	0	21043		21043	
9/26/04	Sun	5.50	0.0	0.0	0.0	44960	44960	0	0.0		0	
9/27/04	Mon	0.00	10802	0	4730	0	15532	37885	5312		43197	
9/28/04	Tue	0.00	7596	0	0.0	0	7596	49259	27843		77102	
9/29/04	Wed	0.10	7499	0	2200	157005	166704	46017	22800		68817	
9/30/04	Thu	0.00	3776	0	2310	0	6086	30772	15809		46581	
TOTALS		20.26	200971	158	60573	639270	900972	480163	362425	0	842588	58384

0.0 represents No Reading

9/7/04 Received over 12 inches of rainfall due to hurricane Frances

9/26/04 Received 5.50 inches of rainfall due to hurricane Jeanne

7-Acre meter not reading correctly all the time. Using ETM reading to calculate flow until meter replaced.

Boa[illegible] of County Commiss[illegible]ners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
TDD Telephone 527-5214
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OCT 15 2004
SOUTHWEST DISTRICT TAMPA

October 13, 2004

Mr. John Morris
Environmental Specialist III
Dept. Of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619-8318

RE: WEEKLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-003-SO

Dear Mr. Morris:

Enclosed please find the following leachate monitoring results for the Citrus County Central Landfill site, together with the Operator's monthly reports covering the quarterly period July through September 2004:

1) **Weekly effluent analytical results:** There were no exceedences of permit limits for this time period.
2) **Annual Leachate Influent, Annual Leachate Effluent / Quarterly and Annual Waste Sludge results:** Forwarded by Jones, Edmunds and Associates under separate cover letter.

Should further information or clarification be necessary, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

CC: Tom Dick, Assistant Director, Dept. Public Works w/o attachments
Susan Pelz, Department of Environmental Protection w/xls.sheet

CITRUS COUNTY CENTRAL LANDFILL
WEEKLY LEACHATE MONITORING

SAC Laboratories Results	MAXIMUM CONTAMINANT LEVEL BY PERMIT					
	20	CBOD	10		20	SUSPENDED
DATE	<	5 day MG/L	<	NITRATE MG/L	<	SOLIDS MG/L
7/7/04		3.11		1.1		8.0
7/14/04		7.2		0.46		1.5
7/21/04		2.16		0.33		1.5
7/28/04		2.07		2.4		2.5
8/4/04		2.96		0.45		1.0
8/11/04		2.22		0.21	<	1.0
8/18/04		2.76		2.1	<	1.0
8/25/04		1.92		2.4		2.0
9/1/04		NA		3.4	<	1.0
9/8/04		2.46		0.68	<	1.0
9/15/04		3.13		0.56	<	1.0
9/22/04		5.95		0.4		3.0
9/29/04		1.78		0.41	<	1.0

NA= No result due to Hurricane Frances

cjw

21375

Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@bocc.citrus.fl.us
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120
TTY Telephone: (352) 527-0825 or (352) 527-5312

D.E.P.
JUL 16 2004
Southwest District Tampa

inbox 8/11/04

July 13, 2004

Susan Pelz
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months April, May and June 2004, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.94	32892	109527	300	0	142719	0	0	89269	89269	53450
FEBRUARY	3.26	31872	126575	7	0	158454	0	104380	99302	203682	-45228
MARCH	2.35	40313	136028	410	0	176751	0	335312	0	335312	-158561
APRIL	0.68	36442	120991	2	0	157435	0	225671	0	225671	-68236
MAY	1.38	35091	115767	215	0	151073	0	165285	0	165285	-14212
JUNE	8.20	32919	123986	206	78640	235751	0	177219	0	177219	58532
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**18.81**	**209529**	**732874**	**1140**	**78640**	**1022183**	**0**	**1007867**	**188571**	**1196438**	**-174255**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/04	Thu	0.00	0	0	1288	0	1288	0	9143		9143	
4/2/04	Fri	0.00	13380	0	2384	0	15764	0	21681		21681	
4/3/04	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/4/04	Sun	0.00	0	0	1158	0	1158	0	7044		7044	
4/5/04	Mon	0.00	5634	0	1233	0	6867	0	7551		7551	
4/6/04	Tue	0.00	0	0	1309	0	1309	0	11853		11853	
4/7/04	Wed	0.00	7735	0	1564	0	9299	0	11556		11556	
4/8/04	Thu	0.00	5689	0	1186	0	6875	0	6366		6366	
4/9/04	Fri	0.00	7708	0	2623	0	10331	0	19677		19677	
4/10/04	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/11/04	Sun	0.65	5784	0	1307	0	7091	0	7566		7566	
4/12/04	Mon	0.00	0	0	1335	0	1335	0	8279		8279	
4/13/04	Tue	0.03	7580	0	1297	0	8877	0	13041		13041	
4/14/04	Wed	0.00	5639	0	1156	0	6795	0	8883		8883	
4/15/04	Thu	0.00	0	1	1128	0	1129	0	7417		7417	
4/16/04	Fri	0.00	0	0	1086	0	1086	0	6328		6328	
4/17/04	Sat	0.00	13555	0	2209	0	15764	0	14371		14371	
4/18/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/19/04	Mon	0.00	0	0	1123	0	1123	0	0		0	
4/20/04	Tue	0.00	7866	0	1115	0	8981	0	7674		7674	
4/21/04	Wed	0.00	5805	0	1265	0	7070	0	4033		4033	
4/22/04	Thu	0.00	0	0	1271	0	1271	0	7710		7710	
4/23/04	Fri	0.00	7521	1	1018	0	8540	0	6711		6711	
4/24/04	Sat	0.00	5818	0	2514	0	8332	0	15011		15011	
4/25/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/26/04	Mon	0.00	7622	0	1169	0	8791	0	0		0	
4/27/04	Tue	0.00	0	0	1279	0	1279	0	3224		3224	
4/28/04	Wed	0.00	5881	0	1006	0	6887	0	3394		3394	
4/29/04	Thu	0.00	0	0	1248	0	1248	0	8763		8763	
4/30/04	Fri	0.00	7774	0	1171	0	8945	0	8395		8395	
TOTALS		0.68	120991	2	36442	0	157435	0	225671	0	225671	-68236

0.0 represents No Reading

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/04	Sat	0.00	5613	0	1064	0	6677	0	5506		5506	
5/2/04	Sun	0.55	0	0	1177	0	1177	0	4883		4883	
5/3/04	Mon	0.77	7202	1	1074	0	8277	0	0		0	
5/4/04	Tue	0.00	5902	0	1083	0	6985	0	12186		12186	
5/5/04	Wed	0.00	0	0	1066	0	1066	0	7566		7566	
5/6/04	Thu	0.00	8061	0	1177	0	9238	0	11499		11499	
5/7/04	Fri	0.00	0	0	1085	0	1085	0	7556		7556	
5/8/04	Sat	0.00	5675	0	1108	0	6783	0	5780		5780	
5/9/04	Sun	0.00	0	0	1227	0	1227	0	0		0	
5/10/04	Mon	0.00	7952	0	1131	0	9083	0	7326		7326	
5/11/04	Tue	0.00	0	0	1255	0	1255	0	0		0	
5/12/04	Wed	0.00	7910	0	1133	0	9043	0	4802		4802	
5/13/04	Thu	0.00	5667	0	1247	0	6914	0	2858		2858	
5/14/04	Fri	0.00	0	0	983	0	983	0	42		42	
5/15/04	Sat	0.00	7714	0	1110	0	8824	0	33		33	
5/16/04	Sun	0.00	5910	0	1191	0	7101	0	9795		9795	
5/17/04	Mon	0.06	0	0	1090	0	1090	0	0		0	
5/18/04	Tue	0.00	7522	0	1065	0	8587	0	0		0	
5/19/04	Wed	0.00	0	0	1191	0	1191	0	9226		9226	
5/20/04	Thu	0.00	5840	0	1114	0	6954	0	11340		11340	
5/21/04	Fri	0.00	0	0	1177	0	1177	0	8249		8249	
5/22/04	Sat	0.00	7586	83	1185	0	8854	0	5795		5795	
5/23/04	Sun	0.00	5681	0	1272	0	6953	0	7528		7528	
5/24/04	Mon	0.00	0	0	974	0	974	0	0		0	
5/25/04	Tue	0.00	7936	42	1210	0	9188	0	3831		3831	
5/26/04	Wed	0.00	5691	0	1211	0	6902	0	16893		16893	
5/27/04	Thu	0.00	0	0	1202	0	1202	0	0		0	
5/28/04	Fri	0.00	7905	89	1057	0	9051	0	7794		7794	
5/29/04	Sat	0.00	0	0	1185	0	1185	0	0		0	
5/30/04	Sun	0.00	0	0	0	0	0	0	0		0	
5/31/04	Mon	0.00	0.0	0.0	2047	0	2047	0	14797		14797	
TOTALS		**1.38**	**115767**	**215**	**35091**	**0**	**151073**	**0**	**165285**	**0**	**165285**	**-14212**

0.0 represents No Reading

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/04	Tue	0.00	7216	39	1079	0	8334	0	0		0	
6/2/04	Wed	0.20	5814	64	1050	0	6928	0	0		0	
6/3/04	Thu	0.00	3501	12	1052	0	4565	0	9140		9140	
6/4/04	Fri	0.00	3701	0	1259	0	4960	0	9079		9079	
6/5/04	Sat	0.00	7470	0	1957	0	9427	0	6302		6302	
6/6/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/7/04	Mon	0.00	7368	0	1152	0	8520	0	283		283	
6/8/04	Tue	0.00	3729	0	903	0	4632	0	7441		7441	
6/9/04	Wed	0.20	3822	0	1144	0	4966	0	7396		7396	
6/10/04	Thu	0.00	3825	0	1017	0	4842	0	6828		6828	
6/11/04	Fri	0.00	3632	0	1050	0	4682	0	7399		7399	
6/12/04	Sat	0.00	3637	0	1164	0	4801	0	6823		6823	
6/13/04	Sun	1.10	3671	0	914	0	4585	0	6612		6612	
6/14/04	Mon	1.90	3668	0	1158	0	4826	0	7272		7272	
6/15/04	Tue	1.00	3749	0	1068	0	4817	0	6659		6659	
6/16/04	Wed	0.20	3699	0	1194	16820	21713	0	7452		7452	
6/17/04	Thu	0.00	3504	0	1191	0	4695	0	8128		8128	
6/18/04	Fri	0.00	3370	0	1072	0	4442	0	6994		6994	
6/19/04	Sat	0.00	10499	0	2228	0	12727	0	12907		12907	
6/20/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/21/04	Mon	0.00	3648	0	1176	0	4824	0	0		0	
6/22/04	Tue	1.00	0	0	1066	0	1066	0	7246		7246	
6/23/04	Wed	0.00	7652	48	1109	0	8809	0	8122		8122	
6/24/04	Thu	0.00	4796	43	1076	11240	17155	0	9525		9525	
6/25/04	Fri	0.00	3583	0	1023	0	4606	0	12661		12661	
6/26/04	Sat	1.10	7220	0	2201	0	9421	0	11676		11676	
6/27/04	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/28/04	Mon	0.00	3724	0	1149	0	4873	0	2151		2151	
6/29/04	Tue	1.50	3694	0	1054	0	4748	0	7292		7292	
6/30/04	Wed	0.00	3794	0	1413	50580	55787	0	1831		1831	
TOTALS		**8.20**	**123986**	**206**	**32919**	**78640**	**235751**	**0**	**177219**	**0**	**177219**	**58532**

0.0 represents No Reading

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

21375

D.E.P.
FEB 0 6 2004
Southwest District Tampa

February 2, 2004

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November and December 2003, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

Enclosures

CC: Susan Pelz, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.53	36498	151829	336	0	188663	0	233499	0	233499	-44836
FEBRUARY	6.13	35667	146743	383	0	182793	0	199155	0	199155	-16362
MARCH	5.36	46420	150417	97	0	196934	0	264659	0	264659	-67725
APRIL	1.62	34257	143896	316	0	178469	0	197183	0	197183	-18714
MAY	3.39	32503	147250	646	0	180399	0	167314	0	167314	13085
JUNE	24.55	41679	179868	27	87000	308574	47197	390322	0	437519	-128945
JULY	8.85	49573	228701	1255	15000	294529	145374	326841	0	472215	-177686
AUGUST	6.23	55096	196079	718	0	251893	0	404838	0	404838	-152945
SEPTEMBER	1.64	49837	177495	1277	0	228609	0	285844	0	285844	-57235
OCTOBER	1.44	41608	147751	0	0	189359		184529	0	184529	4830
NOVEMBER	1.28	35361	117189	135	0	152685	133659.47	0	0	133659.47	19026
DECEMBER	0.99	36545	116148	477	0	153170	164812.94	0	0	164812.94	-11643
											0
YTD TOTAL	**64.01**	**495044**	**1903366**	**5667**	**102000**	**2506077**	**491043.41**	**2654184**	**0**	**3145227.4**	**-639150.4**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/03	Wed	0.00	6659	0	1224	0	7883	0	16848		16848	
10/2/03	Thu	0.00	5809	0	1627	0	7436	0	19617		19617	
10/3/03	Fri	0.00	0	0	1426	0	1426	0	17749		17749	
10/4/03	Sat	0.00	0	0	1384	0	1384	0	0		0	
10/5/03	Sun	0.00	12289	0	0	0	12289	0	25131		25131	
10/6/03	Mon	0.00	6607	0	2749	0	9356	0	0		0	
10/7/03	Tue	0.03	5709	0	1427	0	7136	0	684		684	
10/8/03	Wed	0.00	6611	0	1285	0	7896	0	*54500*		54500	
10/9/03	Thu	0.00	0	0	1425	0	1425	0	*36000*		36000	
10/10/03	Fri	0.01	5701	0	1410	0	7111	0	*2500*		2500	
10/11/03	Sat	0.00	0	0	1265	0	1265	0	*11500*		11500	
10/12/03	Sun	0.00	12359	0	0	0	12359	0	0		0	
10/13/03	Mon	0.28	6616	0	2861	0	9477	0	0		0	
10/14/03	Tue	0.02	5679	0	1497	0	7176	0	0		0	
10/15/03	Wed	0.00	0	0	1294	0	1294	0	0		0	
10/16/03	Thu	0.00	6598	0	1186	0	7784	0	0		0	
10/17/03	Fri	0.00	5672	0	1294	0	6966	0	0		0	
10/18/03	Sat	0.00	0	0	1159	0	1159	0	0		0	
10/19/03	Sun	0.00	12303	0	0	0	12303	0	0		0	
10/20/03	Mon	0.00	0	0	2669	0	2669	0	0		0	
10/21/03	Tue	0.00	6616	0	1425	0	8041	0	0		0	
10/22/03	Wed	0.00	5691	0	1263	0	6954	0	0		0	
10/23/03	Thu	0.00	6609	0	1310	0	7919	0	0		0	
10/24/03	Fri	0.00	0	0	1258	0	1258	0	0		0	
10/25/03	Sat	0.00	0	0	1178	0	1178	0	0		0	
10/26/03	Sun	0.12	12299	0	0	0	12299	0	0		0	
10/27/03	Mon	0.00	5723	0	2727	0	8450	0	0		0	
10/28/03	Tue	0.98	6553	0	1514	0	8067	0	0		0	
10/29/03	Wed	0.00	0	0	1157	0	1157	0	0		0	
10/30/03	Thu	0.00	5648	0	1420	0	7068	0	0		0	
10/31/99	Sun	0.00	0	0	1174	0	1174	0	0			
TOTALS		**1.44**	**147751**	**0**	**41608**	**0**	**189359**	**0**	**184529**	**0**	**184529**	**4830**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

Plant processing discontinued 10/7/03 for refurbishing project. Plant Discharge 10/1/03 to 10/7/03 - 80,029 Gallons

10/8 to 10/11 - decant of sludge and effluent in preparation of plant refurbishing project - 104,500 Gallons

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/03	Sat	0.00	5658	0	1158	0	6816	0	0		0	
11/2/03	Sun	0.12	12	0	1274	0	1286	0	0		0	
11/3/03	Mon	0.00	6538	0	1401	0	7939	0	0		0	
11/4/03	Tue	0.00	5664	0	1297	0	6961	0	0		0	
11/5/03	Wed	0.48	6303	0	1282	0	7585	34515.59	0		34515.59	
11/6/03	Thu	0.00	0	0	1195	0	1195	30786.57	0		30786.57	
11/7/03	Fri	0.00	5354	0	1172	0	6526	0	0		0	
11/8/03	Sat	0.00	0	0	1300	0	1300	0	0		0	
11/9/03	Sun	0.00	10995	0	0	0	10995	0	0		0	
11/10/03	Mon	0.00	0	0	2603	0	2603	0	0		0	
11/11/03	Tue	0.00	7667	0	0.0	0	7667	0	0		0	
11/12/03	Wed	0.00	5652	0	2340	0	7992	0	0		0	
11/13/03	Thu	0.00	0	0	1407	0	1407	0	0		0	
11/14/03	Fri	0.00	6547	0	937	0	7484	0	0		0	
11/15/03	Sat	0.00	0	0	1060	0	1060	0	0		0	
11/16/03	Sun	0.00	12176	0	0	0	12176	0	0		0	
11/17/03	Mon	0.00	0	0	2505	0	2505	0	0		0	
11/18/03	Tue	0.20	5655	0	1163	0	6818	0	0		0	
11/19/03	Wed	0.35	6596	0	1290	0	7886	33894.48	0		33894.48	
11/20/03	Thu	0.00	2334	12	1276	0	3622	15266.19	0		15266.19	
11/21/03	Fri	0.00	5518	122	1334	0	6974	19196.64	0		19196.64	
11/22/03	Sat	0.00	0	0	1079	0	1079	0	0		0	
11/23/03	Sun	0.00	12265	0	0	0	12265	0	0		0	
11/24/03	Mon	0.00	30	1	2493	0	2524	0	0		0	
11/25/03	Tue	0.00	6557	0	1172	0	7729	0	0		0	
11/26/03	Wed	0.00	0	0	1166	0	1166	0	0		0	
11/27/03	Thu	0.00	0	0	0	0	0	0	0		0	
11/28/03	Fri	0.13	5668	0	0	0	5668	0	0		0	
11/29/03	Sat	0.00	0	0	3457	0	3457	0	0		0	
11/30/03	Sun	0.00	0	0	0	0	0	0	0			
TOTALS		**1.28**	**117189**	**135**	**35361**	**0**	**152685**	**133659.47**	**0**	**0**	**133659.47**	**19026**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

Note: No effluent flow due to plant off-line for refurbishing project

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/03	Mon	0.00	6548	0	2253	0	8801	19141.49			19141.49	
12/2/03	Tue	0.00	5650	249	1174	0	7073	19359.71			19359.71	
12/3/03	Wed	0.00	6568	0	1173	0	7741	26762.59			26762.59	
12/4/03	Thu	0.03	0	226	1068	0	1294	0			0	
12/5/03	Fri	0.00	5647	0	1317	0	6964	0			0	
12/6/03	Sat	0.00	0	0	1071	0	1071	0			0	
12/7/03	Sun	0.00	0.0	0.0	0.0	0	0.0	0			0	
12/8/03	Mon	0.00	5671	0	2391	0	8062	0			0	
12/9/03	Tue	0.02	6554	0	1090	0	7644	0			0	
12/10/03	Wed	0.11	0	0	1299	0	1299	0			0	
12/11/03	Thu	0.00	5667	0	1174	0	6841	0			0	
12/12/03	Fri	0.00	6537	0	1182	0	7719	0			0	
12/13/03	Sat	0.79	0	0	1072	0	1072	0			0	
12/14/03	Sun	0.00	0.0	0.0	0.0	0	0.0	0			0	
12/15/03	Mon	0.00	6522	1	2519	0	9042	0			0	
12/16/03	Tue	0.00	4397	0	1080	0	5477	21947.24			21947.24	
12/17/03	Wed	0.01	1227	0	1174	0	2401	18793.76			18793.76	
12/18/03	Thu	0.00	6551	0	1080	0	7631	0			0	
12/19/03	Fri	0.00	40	0	1186	0	1226	0			0	
12/20/03	Sat	0.00	0	0	1080	0	1080	0			0	
12/21/03	Sun	0.00	12111	1	0	0	12112	0			0	
12/22/03	Mon	0.00	0	0	2158	0	2158	18786.57			18786.57	
12/23/03	Tue	0.03	5647	0	1165	0	6812	0			0	
12/24/03	Wed	0.00	0	0	1196	0	1196	0			0	
12/25/03	Thu	0.00	0.0	0.0	0.0	0	0.0	0			0	
12/26/03	Fri	0.00	0.0	0.0	0.0	0	0.0	0			0	
12/27/03	Sat	0.00	0.0	0.0	0.0	0	0.0	0			0	
12/28/03	Sun	0.00	18677	0	0	0	18677	0			0	
12/29/03	Mon	0.00	5612	0	5488	0	11100	19944.84			19944.84	
12/30/03	Tue	0.00	6522	0	1068	0	7590	20076.74			20076.74	
12/31/03	Wed	0.00	0	0	1087	0	1087	0			0	
TOTALS		0.99	116148	477	36545	0	153170	164812.94	0	0	164812.94	-11643

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

Note: No effluent flow due to plant off-line for refurbishing project

21375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
JUL 07 2003
D.E.P.
SOUTHWEST DISTRICT

July 3, 2003

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months April, May and June 2003, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:Shared/LeachateFiles/DEPLetters/FordLea7.3.03.Doc)

Enclosures

CC: Susan Pelz, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.53	36498	151829	336	0	188663	0	233499	0	233499	-44836
FEBRUARY	6.13	35667	146743	383	0	182793	0	199155	0	199155	-16362
MARCH	5.36	46420	150417	97	0	196934	0	264659	0	264659	-67725
APRIL	1.62	34257	143896	316	0	178469	0	197183	0	197183	-18714
MAY	3.39	32503	147250	646	0	180399	0	167314	0	167314	13085
JUNE	24.55	41679	179868	27	87000	308574	47197	390322	0	437519	-128945
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**43.58**	**227024**	**920003**	**1805**	**87000**	**1235832**	**47197**	**1452132**	**0**	**1499329**	**-263497**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/03	Sun	0.02	0.0	0	0.0	0	0.0	0	0.0		0	
6/2/03	Mon	0.00	6272	0	1167	0	7439	0	10897		10897	
6/3/03	Tue	2.02	0	0	1159	0	1159	0	6620		6620	
6/4/03	Wed	3.81	12465	0	1623	0	14088	0	9446		9446	
6/5/03	Thu	0.04	6357	0	229	0	6586	0	8156		8156	
6/6/03	Fri	0.00	6242	0	3828	0	10070	0	6697		6697	
6/7/03	Sat	0.00	12460	0	2837	0	15297	0	3655		3655	
6/8/03	Sun	0.79	0.0	0	0.0	0	0.0	0	0.0		0	
6/9/03	Mon	0.00	0	0	0	0	0	0	0		0	
6/10/03	Tue	0.11	6303	0	0	0	6303	0	12995		12995	
6/11/03	Wed	0.00	6298	0	2887	0	9185	0	3920		3920	
6/12/03	Thu	1.34	6290	0	2817	0	9107	0	5400		5400	
6/13/03	Fri	0.00	7032	16	1069	0	8117	0	10941		10941	
6/14/03	Sat	0.00	7113	0	714	0	7827	0	10481		10481	
6/15/03	Sun	0.26	0.0	0	0.0	0	0.0	0	0.0		0	
6/16/03	Mon	0.31	7134	0	1848	0	8982	0	29384		29384	
6/17/03	Tue	0.79	7098	0	2863	0	9961	0	7628		7628	
6/18/03	Wed	5.40	7108	0	1201	0	8309	0	14562		14562	
6/19/03	Thu	1.58	7084	0	781	27000	34865	0	11441		11441	
6/20/03	Fri	2.37	3014	0	0	20000	23014	5950	12981		18931	
6/21/03	Sat	1.70	8728	0	0	40000	48728	18573	18895		37468	
6/22/03	Sun	0.01	0.0	0	0.0	0	0.0	22674	0.0		22674	
6/23/03	Mon	0.00	12368	0	35	0	12403	0	53529		53529	
6/24/03	Tue	0.00	0	0	7702	0	7702	0	25400		25400	
6/25/03	Wed	0.00	17516	11	1746	0	19273	0	20669		20669	
6/26/03	Thu	0.00	6376	0	1755	0	8131	0	25710		25710	
6/27/03	Fri	0.00	7179	0	2084	0	9263	0	23221		23221	
6/28/03	Sat	3.64	3363	0	530	0	3893	0	15345		15345	
6/29/03	Sun	0.00	0.0	0	0.0	0	0.0	0	0.0		0	
6/30/03	Mon	0.36	16068	0	2804	0	18872	0	42349		42349	
TOTALS		**24.55**	**179868**	**27**	**41679**	**87000**	**308574**	**47197**	**390322**	**0**	**437519**	**-128945**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/03	Thu	0.00	6269	0	904	0	7173	0	1275		1275	
5/2/03	Fri	0.00	0	0	1347	0	1347	0	14714		14714	
5/3/03	Sat	0.00	12553	0	1895	0	14448	0	0		0	
5/4/03	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/5/03	Mon	0.00	0	0	1686	0	1686	0	14927		14927	
5/6/03	Tue	0.00	6291	0	647	0	6938	0	3028		3028	
5/7/03	Wed	0.00	6326	0	920	0	7246	0	10884		10884	
5/8/03	Thu	0.00	6295	0	1135	0	7430	0	0		0	
5/9/03	Fri	0.00	0	0	406	0	406	0	14569		14569	
5/10/03	Sat	0.00	12575	0	2541	0	15116	0	2651		2651	
5/11/03	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/12/03	Mon	0.00	0	0	1492	0	1492	0	11789		11789	
5/13/03	Tue	0.00	6298	82	1421	0	7801	0	6459		6459	
5/14/03	Wed	0.00	6301	0	521	0	6822	0	6649		6649	
5/15/03	Thu	0.00	0	0	400	0	400	0	0		0	
5/16/03	Fri	0.00	9433	0	1017	0	10450	0	1530		1530	
5/17/03	Sat	0.92	6299	0	1030	0	7329	0	5313		5313	
5/18/03	Sun	0.00	0.0	0.0	0.0	0.0	0.0	0	0.0		0.0	
5/19/03	Mon	0.55	6226	0	1871	0	8097	0	3776		3776	
5/20/03	Tue	0.00	0	0	957	0	957	0	17243		17243	
5/21/03	Wed	0.02	6265	564	875	0	7704	0	0		0	
5/22/03	Thu	1.90	6275	0	947	0	7222	0	6770		6770	
5/23/03	Fri	0.00	6119	0	501	0	6620	0	3207		3207	
5/24/03	Sat	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/25/03	Sun	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/26/03	Mon	0.00	12407	0	3550	0	15957	0	10996		10996	
5/27/03	Tue	0.00	6225	0	1502	0	7727	0	12732		12732	
5/28/03	Wed	0.00	6263	0	935	0	7198	0	5439		5439	
5/29/03	Thu	0.00	6289	0	426	0	6715	0	5525		5525	
5/30/03	Fri	0.00	0	0	1086	0	1086	0	458		458	
5/31/03	Sat	0.00	12541	0	2491	0	15032	0	7380		7380	
TOTALS		**3.39**	**147250**	**646**	**32503**	**0**	**180399**	**0**	**167314**	**0**	**167314**	**13085**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	DAY	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/03	Tue	0.00	6320	0	1827	0	8147	0	5001		5001	
4/2/03	Wed	0.00	6325	0	471	0	6796	0	20306		20306	
4/3/03	Thu	0.00	6351	0	1388	0	7739	0	7739		7739	
4/4/03	Fri	0.00	6003	0	1803	0	7806	0	7170		7170	
4/5/03	Sat	0.00	6662	93	2084	0	8839	0	0		0	
4/6/03	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/7/03	Mon	0.00	6297	0	396	0	6693	0	15859		15859	
4/8/03	Tue	0.09	6305	0	2048	0	8353	0	2107		2107	
4/9/03	Wed	0.04	0	0	1837	0	1837	0	12572		12572	
4/10/03	Thu	0.05	6301	0	575	0	6876	0	0		0	
4/11/03	Fri	0.00	6303	0	760	0	7063	0	11242		11242	
4/12/03	Sat	0.00	6289	0	1403	0	7692	0	0		0	
4/13/03	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/14/03	Mon	0.00	6318	0	3164	0	9482	0	10729		10729	
4/15/03	Tue	0.00	6328	0	688	0	7016	0	7509		7509	
4/16/03	Wed	0.02	7120	95	364	0	7579	0	0		0	
4/17/03	Thu	0.00	37	0	962	0	999	0	3013		3013	
4/18/03	Fri	0.00	7188	0	1400	0	8588	0	8211		8211	
4/19/03	Sat	0.00	7187	0	1253	0	8440	0	8609		8609	
4/20/03	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/21/03	Mon	0.00	7206	89	1305	0	8600	0	17356		17356	
4/22/03	Tue	0.00	0	0	2823	0	2823	0	6986		6986	
4/23/03	Wed	0.00	7175	0	349	0	7524	0	7911		7911	
4/24/03	Thu	0.00	7171	0	1194	0	8365	0	14		14	
4/25/03	Fri	1.39	0	0	792	0	792	0	14572		14572	
4/26/03	Sat	0.00	12423	0	1495	0	13918	0	15537		15537	
4/27/03	Sun	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/28/03	Mon	0.00	6284	0	1359	0	7643	0	0		0	
4/29/03	Tue	0.03	6303	0	1695	0	7998	0	0		0	
4/30/03	Wed	0.00	0	39	822	0	861	0	14740		14740	
TOTALS		**1.62**	**143896**	**316**	**34257**	**0**	**178469**	**0**	**197183**	**0**	**197183**	**-18714**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

21375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
APR 11 2003
D.E.P.
SOUTHWEST DISTRICT

April 7, 2003

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months January, February, and March 2003, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:Shared/LeachateFiles/DEPLetters/FordLea4.7.03.Doc)

Enclosures

CC: Susan Pelz, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.53	36498	151829	336	0	188663	0	233499	0	233499	-44836
FEBRUARY	6.13	35667	146743	383	0	182793	0	199155	0	199155	-16362
MARCH	5.36	46420	150417	97	0	196934	0	264659	0	264659	-67725
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**14.02**	**118585**	**448989**	**816**	**0**	**568390**	**0**	**697313**	**0**	**697313**	**-128923**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 1 1 2003
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/03	0.09	11484	0	3343	0	14827	0	0		0	
3/2/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/3/03	1.39	1119	0	1705	0	2824	0	17334		17334	
3/4/03	0.18	6320	0	1348	0	7668	0	8546		8546	
3/5/03	0.01	6204	0	1605	0	7809	0	9133		9133	
3/6/03	0.00	6242	0	1831	0	8073	0	1150		1150	
3/7/03	1.63	6187	0	2380	0	8567	0	15917		15917	
3/8/03	0.58	6345	0	2686	0	9031	0	145		145	
3/9/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/10/03	0.00	6105	0	1708	0	7813	0	17476		17476	
3/11/03	0.00	6258	0	918	0	7176	0	2406		2406	
3/12/03	0.00	6261	0	1546	0	7807	0	21262		21262	
3/13/03	0.00	6271	0	1694	0	7965	0	9693		9693	
3/14/03	0.00	0	0	1471	0	1471	0	15542		15542	
3/15/03	0.00	12585	0	3132	0	15717	0	23963		23963	
3/16/03	0.28	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/17/03	0.00	6254	0	1449	0	7703	0	14463		14463	
3/18/03	0.00	6280	0	1488	0	7768	0	10306		10306	
3/19/03	0.00	1855	0	1425	0	3280	0	16722		16722	
3/20/03	0.09	4421	0	1405	0	5826	0	5500		5500	
3/21/03	0.01	6263	0	1621	0	7884	0	0		0	
3/22/03	0.00	6285	0	3233	0	9518	0	10663		10663	
3/23/03	0.29	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/24/03	0.00	6298	0	514	0	6812	0	17006		17006	
3/25/03	0.00	6308	0	1380	0	7688	0	14094		14094	
3/26/03	0.00	6314	97	1372	0	7783	0	1370		1370	
3/27/03	0.71	6256	0	1381	0	7637	0	7866		7866	
3/28/03	0.00	0	0	2051	0	2051	0	11728		11728	
3/29/03	0.00	12502	0	3274	0	15776	0	4660		4660	
3/30/03	0.10	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/31/03	0.00	0	0	460	0	460	0	7714		7714	
TOTALS	**5.36**	**150417**	**97**	**46420**	**0**	**196934**	**0**	**264659**	**0**	**264659**	**-67725**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 11 2003
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
2/1/03	0.00	11660	0	2206	0	13866	0	37		37	
2/2/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/3/03	0.00	2731	0	944	0	3675	0	19106		19106	
2/4/03	0.36	7191	0	1294	0	8485	0	664		664	
2/5/03	0.00	0	0	1790	0	1790	0	3158		3158	
2/6/03	0.18	7264	0	438	0	7702	0	16329		16329	
2/7/03	0.00	0	0	2117	0	2117	0	8267		8267	
2/8/03	0.00	14337	82	1824	0	16243	0	0		0	
2/9/03	1.01	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/10/03	0.35	5652	0	1143	0	6795	0	16694		16694	
2/11/03	0.00	1367	0	1349	0	2716	0	4030		4030	
2/12/03	0.00	7148	39	1293	0	8480	0	11727		11727	
2/13/03	0.00	4	37	1011	0	1052	0	0		0	
2/14/03	0.00	6292	0	1412	0	7704	0	16668		16668	
2/15/03	0.00	13485	225	2494	0	16204	0	0		0	
2/16/03	1.38	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/17/03	0.00	7578	0	4445	0	12023	0	25361		25361	
2/18/03	0.00	0	0	0	0	0	0	0		0	
2/19/03	0.00	7178	0	417	0	7595	0	6030		6030	
2/20/03	0.00	3481	0	1735	0	5216	0	10857		10857	
2/21/03	0.00	2953	0	437	0	3390	0	8163		8163	
2/22/03	1.72	14162	0	1385	0	15547	0	242		242	
2/23/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/24/03	0.00	6622	0	2606	0	9228	0	18137		18137	
2/25/03	0.00	3091	0	1230	0	4321	0	1135		1135	
2/26/03	0.00	8235	0	1376	0	9611	0	14967		14967	
2/27/03	0.42	9031	0	1490	0	10521	0	0		0	
2/28/03	0.71	7281	0	1231	0	8512	0	17583		17583	
TOTALS	**6.13**	**146743**	**383**	**35667**	**0**	**182793**	**0**	**199155**	**0**	**199155**	**-16362**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 11 2003
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/03	2.43	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/2/03	0.02	7143	79	1154	0	8376	0	10365		10365	
1/3/03	0.00	7130	0	588	0	7718	0	24255		24255	
1/4/03	0.00	7160	0	164	0	7324	0	0		0	
1/5/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/6/03	0.02	7212	0	0	0	7212	0	0		0	
1/7/03	0.00	7184	0	1581	0	8765	0	0		0	
1/8/03	0.00	7216	0	574	0	7790	0	2718		2718	
1/9/03	0.01	0	1	3378	0	3379	0	7261		7261	
1/10/03	0.00	6330	0	1703	0	8033	0	0		0	
1/11/03	0.01	6309	0	1349	0	7658	0	20721		20721	
1/12/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/13/03	0.04	6345	93	2575	0	9013	0	5086		5086	
1/14/03	0.00	6372	0	1287	0	7659	0	24219		24219	
1/15/03	0.00	6359	0	1214	0	7573	0	4078		4078	
1/16/03	0.00	6338	0	1408	0	7746	0	19851		19851	
1/17/03	0.00	5541	0	1303	0	6844	0	11811		11811	
1/18/03	0.00	799	0	1206	0	2005	0	7804		7804	
1/19/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/20/03	0.00	12699	0	2483	0	15182	0	488		488	
1/21/03	0.00	0	0	1016	0	1016	0	17588		17588	
1/22/03	0.00	6368	0	1255	0	7623	0	0		0	
1/23/03	0.00	6361	95	1451	0	7907	0	18728		18728	
1/24/03	0.00	6281	0	1306	0	7587	0	6275		6275	
1/25/03	0.00	59	0	1434	0	1493	0	11922		11922	
1/26/03	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/27/03	0.00	12756	0	2290	0	15046	0	0		0	
1/28/03	0.00	0	0	1040	0	1040	0	10292		10292	
1/29/03	0.00	19867	68	3415	0	23350	0	19062		19062	
1/30/03	0.00	0	0	0	0	0	0	0		0	
1/31/03	0.00	0	0	1324	0	1324	0	10975		10975	
TOTALS	**2.53**	**151829**	**336**	**36498**	**0**	**188663**	**0**	**233499**	**0**	**233499**	**-44836**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 17.2 INTERMEDIATE, 0.7 UNUSED, 0.0 CLOSED

APR 1 1 2003
SOUTHWEST DISTRICT
TAMPA
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

21375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
FEB 07 2003
D.E.P.
SOUTHWEST DISTRICT

→ 1/15/03

January 30, 2003

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November and December 2002, together with the Year to Date Leachate Tracking Summary.

The daily operating report meter readings indicated that during the months of October and November, 80-2 Primary meter had a bad ground causing erroneous readings and the pump was turned off on 11/24/02. 80-3 primary meter was out for repair during the month of October and put back into service on 11/25/02. Therefore, the primary leachate collection system flows for the months of October and November indicate daily estimates on the attached reports. It was further discovered that the meter failed during the end of September, for which month we have enclosed a revised report as well. The daily flow was estimated based on previous month's data, where similar rainfall conditions existed.

A copy of the Repair Memo(s) from the Citrus County Utilities Division is attached for reference.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjwShared/LeachateGeneration.Disposal/FordLea1.13.03.Doc)

Enclosures
CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.74	31587	118475	0	0	150062	0	166778	0	166778	-16716
FEBRUARY	1.44	34611	109893	0	0	144504	0	112479	0	112479	32025
MARCH	2.26	44187	122531	0	0	166718	0	138854	0	138854	27864
APRIL	2.34	39156	106837	0	0	145993	0	218222	0	218222	-72229
MAY	2.18	31733	106192	0	0	137925	0	195867	0	195867	-57942
JUNE	6.98	30843	111669	0	0	142512	0	151483	0	151483	-8971
JULY	10.84	57655	174241	383	80000	312279	0	315525	0	315525	-3246
AUGUST	7.52	57064	274063	0	0	331127	0	351295	0	351295	-20168
SEPTEMBER	2.46	48217	193514	0	0	241731	0	230669	0	230669	11062
OCTOBER	1.26	42336	226300	189	0	268825	0	152758	0	152758	116067
NOVEMBER	1.86	34189	196590	184	0	230963	0	179098	0	179098	51865
DECEMBER	6.49	37904	158669	172	0	196745	0	224020	0	224020	-27275
YTD TOTAL	**49.37**	**489482**	**1898974**	**928**	**80000**	**2469384**	**0**	**2437048**	**0**	**2437048**	**32336**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/2/02	0.00	25025	0	2805	0	27830	0	7795		7795	
9/3/02	0.01	7366	0	1277	0	8643	0	5230		5230	
9/4/02	0.00	7193	0	1142	0	8335	0	8141		8141	
9/5/02	0.74	7237	0	1417	0	8654	0	6755		6755	
9/6/02	0.01	1009	0	4098	0	5107	0	4290		4290	
9/7/02	0.00	0	0	0	0	0	0	11133		11133	
9/8/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/9/02	0.00	0	0	3283	0	3283	0	32922		32922	
9/10/02	0.00	0	0	626	0	626	0	0		0	
9/11/02	0.02	6500	0	1647	0	8147	0	4413		4413	
9/12/02	0.00	7452	0	3198	0	10650	0	16214		16214	
9/13/02	0.09	7632	0	1904	0	9536	0	7242		7242	
9/14/02	0.09	*7300*	0	1665	0	8965	0	9803		9803	
9/15/02	0.99	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/16/02	0.03	*7300*	0	3588	0	10888	0	20873		20873	
9/17/02	0.02	*7300*	0	1833	0	9133	0	641		641	
9/18/02	0.00	*7300*	0	1928	0	9228	0	7277		7277	
9/19/02	0.01	*7300*	0	2157	0	9457	0	5924		5924	
9/20/02	0.00	*7300*	0	1409	0	8709	0	0		0	
9/21/02	0.00	*7300*	0	1712	0	9012	0	9024		9024	
9/22/02	0.00	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/23/02	0.10	*7300*	0	2938	0	10238	0	505		505	
9/24/02	0.00	*7300*	0	1659	0	8959	0	19460		19460	
9/25/02	0.02	*7300*	0	1108	0	8408	0	0		0	
9/26/02	0.32	*7300*	0	1340	0	8640	0	24669		24669	
9/27/02	0.00	*7300*	0	1547	0	8847	0	5935		5935	
9/28/02	0.00	*7300*	0	1433	0	8733	0	4177		4177	
9/29/02	0.01	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/30/02	0.00	*7300*	0	2503	0	9803	0	18246		18246	
TOTALS	**2.46**	**193514**	**0**	**48217**	**0**	**241731**	**0**	**230669**	**0**	**230669**	**11062**

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

0.0 represents No Reading

Operational Notes: Meter pulled and sent out for service on 9/14/02. Bad ground causing erroneous readings. Daily flow estimated 9/14-9/30.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/02	0.00	*7300*	0	607	0	7907	0	0		0	
10/2/02	0.00	*7300*	0	1933	0	9233	0	1482		1482	
10/3/02	0.00	*7300*	0	1190	0	8490	0	19175		19175	
10/4/02	0.00	*7300*	0	1343	0	8643	0	974		974	
10/5/02	0.00	*7300*	0	1078	0	8378	0	5256		5256	
10/6/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/7/02	0.00	*7300*	0	2364	0	9664	0	2553		2553	
10/8/02	0.00	*7300*	0	1147	0	8447	0	0		0	
10/9/02	0.00	*7300*	0	471	0	7771	0	5713		5713	
10/10/02	0.01	*7300*	0	1808	0	9108	0	3714		3714	
10/11/02	0.00	*7300*	0	1193	0	8493	0	17457		17457	
10/12/02	0.00	*7300*	0	1028	0	8328	0	6136		6136	
10/13/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/14/02	0.59	*7300*	0	2910	0	10210	0	6276		6276	
10/15/02	0.45	*7300*	97	1667	0	9064	0	6209		6209	
10/16/02	0.00	*7300*	0	2577	0	9877	0	5116		5116	
10/17/02	0.00	*7300*	0	1576	0	8876	0	19719		19719	
10/18/02	0.00	*7300*	0	1011	0	8311	0	0		0	
10/19/02	0.00	*7300*	0	1057	0	8357	0	3492		3492	
10/20/02	0.01	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/21/02	0.00	*7300*	0	2193	0	9493	0	0		0	
10/22/02	0.00	*7300*	0	2013	0	9313	0	25248		25248	
10/23/02	0.11	*7300*	0	1829	0	9129	0	207		207	
10/24/02	0.06	*7300*	92	1355	0	8747	0	2445		2445	
10/25/02	0.00	*7300*	0	2146	0	9446	0	0		0	
10/26/02	0.00	*7300*	0	1294	0	8594	0	2148		2148	
10/27/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/28/02	0.00	*7300*	0	2585	0	9885	0	0		0	
10/29/02	0.03	*7300*	0	1290	0	8590	0	0		0	
10/30/02	0.00	*7300*	0	1346	0	8646	0	4034		4034	
10/31/99	0.00	*7300*	0	1325	0	8625	0	15404		15404	
TOTALS	**1.26**	**226300**	**189**	**42336**	**0**	**268825**	**0**	**152758**	**0**	**152758**	**116067**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

Operational Notations: 80-2 Primary meter had bad ground causing erroneous readings - daily flow estimated
80-3 Primary meter had no flow - meter out for repairs - total flow from 80-2

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/02	0.00	***7300***	0	974	0	8274	0	0		0	
11/2/02	0.00	***7300***	0	909	0	8209	0	5750		5750	
11/3/02	0.00	***7300***	0.0	0.0	0	7300.0	0	0.0		0.0	
11/4/02	0.00	***7300***	0	2022	0	9322	0	6975		6975	
11/5/02	0.00	***7300***	0	1310	0	8610	0	614		614	
11/6/02	0.00	***7300***	0	1367	0	8667	0	8818		8818	
11/7/02	0.00	***7300***	0	370	0	7670	0	23226		23226	
11/8/02	0.02	***7300***	0	410	0	7710	0	8		8	
11/9/02	0.00	***7300***	92	314	0	7706	0	4468		4468	
11/10/02	0.00	***7300***	0.0	0.0	0	7300.0	0	0.0		0.0	
11/11/02	0.00	***7300***	0	804	0	8104	0	8424		8424	
11/12/02	0.71	***7300***	0	496	0	7796	0	8982		8982	
11/13/02	0.00	***7300***	0	444	0	7744	0	22112		22112	
11/14/02	0.00	***7300***	0	2401	0	9701	0	0		0	
11/15/02	0.00	***7300***	0	625	0	7925	0	0		0	
11/16/02	1.09	***7300***	0	2169	0	9469	0	0		0	
11/17/02	0.00	***7300***	0.0	0.0	0	7300.0	0	0.0		0.0	
11/18/02	0.00	***7300***	0	2460	0	9760	0	0		0	
11/19/02	0.00	***7300***	0	2302	0	9602	0	0		0	
11/20/02	0.00	***7300***	0	1484	0	8784	0	1879		1879	
11/21/02	0.00	***7300***	0	1444	0	8744	0	4688		4688	
11/22/02	0.00	***7300***	0	1616	0	8916	0	23888		23888	
11/23/02	0.00	7313	0	1335	0	8648	0	3210		3210	
11/24/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/25/02	0.00	7140	92	2627	0	9859	0	24115		24115	
11/26/02	0.00	7165	0	1426	0	8591	0	59		59	
11/27/02	0.00	7190	0	1273	0	8463	0	16203		16203	
11/28/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/29/02	0.00	7182	0	2260	0	9442	0	15679		15679	
11/30/02	0.04	0.0	0	1347	0	1347	0	0		0	
TOTALS	**1.86**	**196590**	**184**	**34189**	**0**	**230963**	**0**	**179098**	**0**	**179098**	**51865**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

Operational Notations: 80-2 Primary meter had bad ground causing erroneous readings - daily flow estimated 11/1-11/23. Pumps turned off 11/24/02
80-3 Primary meter put back in service 11/25/02

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/2/02	0.00	7205	0	2664	0	9869	0	20868		20868	
12/3/02	0.00	7163	0	1254	0	8417	0	0		0	
12/4/02	0.00	0	0	1162	0	1162	0	2365		2365	
12/5/02	0.36	7201	0	1401	0	8602	0	11676		11676	
12/6/02	0.00	6375	0	1397	0	7772	0	8715		8715	
12/7/02	0.00	781	0	1174	0	1955	0	707		707	
12/8/02	0.07	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/9/02	2.59	7179	77	1737	0	8993	0	7556		7556	
12/10/02	0.01	7270	0	1101	0	8371	0	17288		17288	
12/11/02	0.00	7279	0	1384	0	8663	0	0		0	
12/12/02	2.31	0	0	1316	0	1316	0	17785		17785	
12/13/02	0.01	7132	0	1549	0	8681	0	0		0	
12/14/02	0.00	7014	0	1789	0	8803	0	17938		17938	
12/15/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/16/02	0.00	14398	0	3441	0	17839	0	5058		5058	
12/17/02	0.00	7226	0	614	0	7840	0	11533		11533	
12/18/02	0.00	0	0	507	0	507	0	0		0	
12/19/02	0.21	7227	0	2034	0	9261	0	15878		15878	
12/20/02	0.00	7275	0	2145	0	9420	0	14537		14537	
12/21/02	0.00	7191	0	1034	0	8225	0	4317		4317	
12/22/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/23/02	0.00	7254	95	4610	0	11959	0	0		0	
12/24/02	0.00	7272	0	1445	0	8717	0	0		0	
12/25/02	0.93	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/26/02	0.00	7350	0	1392	0	8742	0	2838		2838	
12/27/02	0.00	7201	0	544	0	7745	0	22807		22807	
12/28/02	0.00	7206	0	596	0	7802	0	11460		11460	
12/29/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/30/02	0.00	7233	0	1128	0	8361	0	5651		5651	
12/31/02	0.00	7237	0	486	0	7723	0	25043		25043	
TOTALS	**6.49**	**158669**	**172**	**37904**	**0**	**196745**	**0**	**224020**	**0**	**224020**	**-27275**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

Memo

To: Susan Metcalfe, Director, Solid Waste Division

From: James Conley, Chief Operator, Utilities Division

Though: Robert Merkel, Assistant Director, Utilities Division

Date: January 21, 2003

RE: **REPAIR OF PRIMARY PUMP FLOW METER FOR 80-ACRE SITE**

The following is a synopsis of events that occurred between September 18, 2002 and November 21, 2003 during the repair of the flow meter located in the 80-Acre lift station of the Landfill:

- #2 Flow meter did not have a display. Replaced main power supply fuse. Fuse immediately blew indicating a dead short in the meter. Returned meter to manufacturer (ABB) for repair. During this time, #1 meter flow meter was registering when no flow was present. This can be attributed to grounding issues that were created when #2 meter was removed.
- #2 flow meter is reinstalled and functioning properly. #1 meter is also working properly. It is determined that the alternator is not working and a new alternator is required. Utilities is researching a replacement.

The flows for this time period were estimated from previous month's data, where similar rainfall conditions existed.

Cc: Robert Knight, Director, Utilities Division
Ron Kurtz, Instrumentation Tech, Utilities Division
Roger Ingall, Utility Mechanic, Utilities Division
James Brunswick, Operator II, Utilities DIvision

Memo

To: Susan Metcalfe, Director, Solid Waste Division

From: James Conley, Chief Operator, Utilities Division

Though: Robert Merkel, Assistant Director, Utilities Division

Date: January 21, 2003

RE: **REPAIRS OF EAST LIFT STATION PUMP IN 7-ACRE SITE AT LANDFILL**

The following is a synopsis of events that occurred between November 7, 2002 and January 3, 2003 during the repair of the East Lift Station located in the 7 Acre (closed section) of the Landfill:

- Inspected pump and found motor windings shorted.
- Installed spare pump (stored at Landfill) and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Spare pump failed, inspected and determined pump experienced a seal failure causing the motor windings to short out. Seal failure was caused by long period of storage and the original seal was not rated for heavy-duty use.
- Rebuilt motor starter – installed new contacts and thermal overload units.
- Installed phase monitors in each panel to protect pumps.
- Installed repaired pump and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Pump fails Returned to the repair shop to investigate. It was determined that the bearing retainer had dropped down, resulting in the failure. Repair don under warranty.
- Installed twice repaired pump and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Follow up inspection show the pump is still operating normally.

Cc: Robert Knight, Director, Utilities Division
Ron Kurtz, Instrumentation Tech, Utilities Division
Roger Ingall, Utility Mechanic, Utilities Division
James Brunswick, Operator II, Utilities Division

21375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
FEB 07 2003
D.E.P.
SOUTHWEST DISTRICT

January 30, 2003

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November and December 2002, together with the Year to Date Leachate Tracking Summary.

The daily operating report meter readings indicated that during the months of October and November, 80-2 Primary meter had a bad ground causing erroneous readings and the pump was turned off on 11/24/02. 80-3 primary meter was out for repair during the month of October and put back into service on 11/25/02. Therefore, the primary leachate collection system flows for the months of October and November indicate daily estimates on the attached reports. It was further discovered that the meter failed during the end of September, for which month we have enclosed a revised report as well. The daily flow was estimated based on previous month's data, where similar rainfall conditions existed.

A copy of the Repair Memo(s) from the Citrus County Utilities Division is attached for reference.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjwShared/LeachateGeneration.Disposal/FordLea1.13.03.Doc)

Enclosures
CC: Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.74	31587	118475	0	0	150062	0	166778	0	166778	-1671(
FEBRUARY	1.44	34611	109893	0	0	144504	0	112479	0	112479	32025
MARCH	2.26	44187	122531	0	0	166718	0	138854	0	138854	27864
APRIL	2.34	39156	106837	0	0	145993	0	218222	0	218222	-72229
MAY	2.18	31733	106192	0	0	137925	0	195867	0	195867	-57942
JUNE	6.98	30843	111669	0	0	142512	0	151483	0	151483	-8971
JULY	10.84	57655	174241	383	80000	312279	0	315525	0	315525	-3246
AUGUST	7.52	57064	274063	0	0	331127	0	351295	0	351295	-20168
SEPTEMBER	2.46	48217	193514	0	0	241731	0	230669	0	230669	11062
OCTOBER	1.26	42336	226300	189	0	268825	0	152758	0	152758	116067
NOVEMBER	1.86	34189	196590	184	0	230963	0	179098	0	179098	51865
DECEMBER	6.49	37904	158669	172	0	196745	0	224020	0	224020	-27275
YTD TOTAL	**49.37**	**489482**	**1898974**	**928**	**80000**	**2469384**	**0**	**2437048**	**0**	**2437048**	**32336**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT
TAMPA
FEB 07 2003

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/2/02	0.00	7205	0	2664	0	9869	0	20868		20868	
12/3/02	0.00	7163	0	1254	0	8417	0	0		0	
12/4/02	0.00	0	0	1162	0	1162	0	2365		2365	
12/5/02	0.36	7201	0	1401	0	8602	0	11676		11676	
12/6/02	0.00	6375	0	1397	0	7772	0	8715		8715	
12/7/02	0.00	781	0	1174	0	1955	0	707		707	
12/8/02	0.07	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/9/02	2.59	7179	77	1737	0	8993	0	7556		7556	
12/10/02	0.01	7270	0	1101	0	8371	0	17288		17288	
12/11/02	0.00	7279	0	1384	0	8663	0	0		0	
12/12/02	2.31	0	0	1316	0	1316	0	17785		17785	
12/13/02	0.01	7132	0	1549	0	8681	0	0		0	
12/14/02	0.00	7014	0	1789	0	8803	0	17938		17938	
12/15/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/16/02	0.00	14398	0	3441	0	17839	0	5058		5058	
12/17/02	0.00	7226	0	614	0	7840	0	11533		11533	
12/18/02	0.00	0	0	507	0	507	0	0		0	
12/19/02	0.21	7227	0	2034	0	9261	0	15878		15878	
12/20/02	0.00	7275	0	2145	0	9420	0	14537		14537	
12/21/02	0.00	7191	0	1034	0	8225	0	4317		4317	
12/22/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/23/02	0.00	7254	95	4610	0	11959	0	0		0	
12/24/02	0.00	7272	0	1445	0	8717	0	0		0	
12/25/02	0.93	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/26/02	0.00	7350	0	1392	0	8742	0	2838		2838	
12/27/02	0.00	7201	0	544	0	7745	0	22807		22807	
12/28/02	0.00	7206	0	596	0	7802	0	11460		11460	
12/29/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/30/02	0.00	7233	0	1128	0	8361	0	5651		5651	
12/31/02	0.00	7237	0	486	0	7723	0	25043		25043	
TOTALS	6.49	158669	172	37904	0	196745	0	224020	0	224020	-27275

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/02	0.00	*7300*	0	974	0	8274	0	0		0	
11/2/02	0.00	*7300*	0	909	0	8209	0	5750		5750	
11/3/02	0.00	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
11/4/02	0.00	*7300*	0	2022	0	9322	0	6975		6975	
11/5/02	0.00	*7300*	0	1310	0	8610	0	614		614	
11/6/02	0.00	*7300*	0	1367	0	8667	0	8818		8818	
11/7/02	0.00	*7300*	0	370	0	7670	0	23226		23226	
11/8/02	0.02	*7300*	0	410	0	7710	0	8		8	
11/9/02	0.00	*7300*	92	314	0	7706	0	4468		4468	
11/10/02	0.00	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
11/11/02	0.00	*7300*	0	804	0	8104	0	8424		8424	
11/12/02	0.71	*7300*	0	496	0	7796	0	8982		8982	
11/13/02	0.00	*7300*	0	444	0	7744	0	22112		22112	
11/14/02	0.00	*7300*	0	2401	0	9701	0	0		0	
11/15/02	0.00	*7300*	0	625	0	7925	0	0		0	
11/16/02	1.09	*7300*	0	2169	0	9469	0	0		0	
11/17/02	0.00	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
11/18/02	0.00	*7300*	0	2460	0	9760	0	0		0	
11/19/02	0.00	*7300*	0	2302	0	9602	0	0		0	
11/20/02	0.00	*7300*	0	1484	0	8784	0	1879		1879	
11/21/02	0.00	*7300*	0	1444	0	8744	0	4688		4688	
11/22/02	0.00	*7300*	0	1616	0	8916	0	23888		23888	
11/23/02	0.00	7313	0	1335	0	8648	0	3210		3210	
11/24/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/25/02	0.00	7140	92	2627	0	9859	0	24115		24115	
11/26/02	0.00	7165	0	1426	0	8591	0	59		59	
11/27/02	0.00	7190	0	1273	0	8463	0	16203		16203	
11/28/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/29/02	0.00	7182	0	2260	0	9442	0	15679		15679	
11/30/02	0.04	0.0	0	1347	0	1347	0	0		0	
TOTALS	**1.86**	**196590**	**184**	**34189**	**0**	**230963**	**0**	**179098**	**0**	**179098**	**51865**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

Operational Notations: 80-2 Primary meter had bad ground causing erroneous readings - daily flow estimated 11/1-11/23. Pumps turned off 11/24/02
80-3 Primary meter put back in service 11/25/02

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/02	0.00	*7300*	0	607	0	7907	0	0		0	
10/2/02	0.00	*7300*	0	1933	0	9233	0	1482		1482	
10/3/02	0.00	*7300*	0	1190	0	8490	0	19175		19175	
10/4/02	0.00	*7300*	0	1343	0	8643	0	974		974	
10/5/02	0.00	*7300*	0	1078	0	8378	0	5256		5256	
10/6/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/7/02	0.00	*7300*	0	2364	0	9664	0	2553		2553	
10/8/02	0.00	*7300*	0	1147	0	8447	0	0		0	
10/9/02	0.00	*7300*	0	471	0	7771	0	5713		5713	
10/10/02	0.01	*7300*	0	1808	0	9108	0	3714		3714	
10/11/02	0.00	*7300*	0	1193	0	8493	0	17457		17457	
10/12/02	0.00	*7300*	0	1028	0	8328	0	6136		6136	
10/13/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/14/02	0.59	*7300*	0	2910	0	10210	0	6276		6276	
10/15/02	0.45	*7300*	97	1667	0	9064	0	6209		6209	
10/16/02	0.00	*7300*	0	2577	0	9877	0	5116		5116	
10/17/02	0.00	*7300*	0	1576	0	8876	0	19719		19719	
10/18/02	0.00	*7300*	0	1011	0	8311	0	0		0	
10/19/02	0.00	*7300*	0	1057	0	8357	0	3492		3492	
10/20/02	0.01	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/21/02	0.00	*7300*	0	2193	0	9493	0	0		0	
10/22/02	0.00	*7300*	0	2013	0	9313	0	25248		25248	
10/23/02	0.11	*7300*	0	1829	0	9129	0	207		207	
10/24/02	0.06	*7300*	92	1355	0	8747	0	2445		2445	
10/25/02	0.00	*7300*	0	2146	0	9446	0	0		0	
10/26/02	0.00	*7300*	0	1294	0	8594	0	2148		2148	
10/27/02	0.00	*7300*	0.0	0.0	0	7300	0	0.0		0.0	
10/28/02	0.00	*7300*	0	2585	0	9885	0	0		0	
10/29/02	0.03	*7300*	0	1290	0	8590	0	0		0	
10/30/02	0.00	*7300*	0	1346	0	8646	0	4034		4034	
10/31/99	0.00	*7300*	0	1325	0	8625	0	15404		15404	
TOTALS	**1.26**	**226300**	**189**	**42336**	**0**	**268825**	**0**	**152758**	**0**	**152758**	**116067**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

Operational Notations: 80-2 Primary meter had bad ground causing erroneous readings - daily flow estimated
80-3 Primary meter had no flow - meter out for repairs - total flow from 80-2

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/2/02	0.00	25025	0	2805	0	27830	0	7795		7795	
9/3/02	0.01	7366	0	1277	0	8643	0	5230		5230	
9/4/02	0.00	7193	0	1142	0	8335	0	8141		8141	
9/5/02	0.74	7237	0	1417	0	8654	0	6755		6755	
9/6/02	0.01	1009	0	4098	0	5107	0	4290		4290	
9/7/02	0.00	0	0	0	0	0	0	11133		11133	
9/8/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/9/02	0.00	0	0	3283	0	3283	0	32922		32922	
9/10/02	0.00	0	0	626	0	626	0	0		0	
9/11/02	0.02	6500	0	1647	0	8147	0	4413		4413	
9/12/02	0.00	7452	0	3198	0	10650	0	16214		16214	
9/13/02	0.09	7632	0	1904	0	9536	0	7242		7242	
9/14/02	0.09	*7300*	0	1665	0	8965	0	9803		9803	
9/15/02	0.99	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/16/02	0.03	*7300*	0	3588	0	10888	0	20873		20873	
9/17/02	0.02	*7300*	0	1833	0	9133	0	641		641	
9/18/02	0.00	*7300*	0	1928	0	9228	0	7277		7277	
9/19/02	0.01	*7300*	0	2157	0	9457	0	5924		5924	
9/20/02	0.00	*7300*	0	1409	0	8709	0	0		0	
9/21/02	0.00	*7300*	0	1712	0	9012	0	9024		9024	
9/22/02	0.00	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/23/02	0.10	*7300*	0	2938	0	10238	0	505		505	
9/24/02	0.00	*7300*	0	1659	0	8959	0	19460		19460	
9/25/02	0.02	*7300*	0	1108	0	8408	0	0		0	
9/26/02	0.32	*7300*	0	1340	0	8640	0	24669		24669	
9/27/02	0.00	*7300*	0	1547	0	8847	0	5935		5935	
9/28/02	0.00	*7300*	0	1433	0	8733	0	4177		4177	
9/29/02	0.01	*7300*	0.0	0.0	0	7300.0	0	0.0		0.0	
9/30/02	0.00	*7300*	0	2503	0	9803	0	18246		18246	
TOTALS	**2.46**	**193514**	**0**	**48217**	**0**	**241731**	**0**	**230669**	**0**	**230669**	**11062**

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

0.0 represents No Reading

Operational Notes: Meter pulled and sent out for service on 9/14/02. Bad ground causing erroneous readings. Daily flow estimated 9/14-9/30.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

Memo

To: Susan Metcalfe, Director, Solid Waste Division

From: James Conley, Chief Operator, Utilities Division

Though: Robert Merkel, Assistant Director, Utilities Division

Date: January 21, 2003

RE: **REPAIR OF PRIMARY PUMP FLOW METER FOR 80-ACRE SITE**

The following is a synopsis of events that occurred between September 18, 2002 and November 21, 2003 during the repair of the flow meter located in the 80-Acre lift station of the Landfill:

- #2 Flow meter did not have a display. Replaced main power supply fuse. Fuse immediately blew indicating a dead short in the meter. Returned meter to manufacturer (ABB) for repair. During this time, #1 meter flow meter was registering when no flow was present. This can be attributed to grounding issues that were created when #2 meter was removed.
- #2 flow meter is reinstalled and functioning properly. #1 meter is also working properly. It is determined that the alternator is not working and a new alternator is required. Utilities is researching a replacement.

The flows for this time period were estimated from previous month's data, where similar rainfall conditions existed.

Cc: Robert Knight, Director, Utilities Division
Ron Kurtz, Instrumentation Tech, Utilities Division
Roger Ingall, Utility Mechanic, Utilities Division
James Brunswick, Operator II, Utilities DIvision

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

Memo

To: Susan Metcalfe, Director, Solid Waste Division

From: James Conley, Chief Operator, Utilities Division

Though: Robert Merkel, Assistant Director, Utilities Division

Date: January 21, 2003

RE: **REPAIRS OF EAST LIFT STATION PUMP IN 7-ACRE SITE AT LANDFILL**

The following is a synopsis of events that occurred between November 7, 2002 and January 3, 2003 during the repair of the East Lift Station located in the 7 Acre (closed section) of the Landfill:

- Inspected pump and found motor windings shorted.
- Installed spare pump (stored at Landfill) and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Spare pump failed, inspected and determined pump experienced a seal failure causing the motor windings to short out. Seal failure was caused by long period of storage and the original seal was not rated for heavy-duty use.
- Rebuilt motor starter – installed new contacts and thermal overload units.
- Installed phase monitors in each panel to protect pumps.
- Installed repaired pump and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Pump fails Returned to the repair shop to investigate. It was determined that the bearing retainer had dropped down, resulting in the failure. Repair don under warranty.
- Installed twice repaired pump and checked rotation, flow, ground resistance, amperage draw and voltage readings. Put station back in service and sent pump in for repairs.
- Follow up inspection show the pump is still operating normally.

Cc: Robert Knight, Director, Utilities Division
Ron Kurtz, Instrumentation Tech, Utilities Division
Roger Ingall, Utility Mechanic, Utilities Division
James Brunswick, Operator II, Utilities Division

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FEB 07 2003
SOUTHWEST DISTRICT TAMPA

91375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 527-7670 FAX (352) 527-7672
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
OCT 17 2002
D.E.P.
SOUTHWEST DISTRICT

October 11, 2002

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months July, August and September, 2002, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:Shared/LeachateFiles/DEPLetters/FordLea10.11.02.Doc)

Enclosures

CC: Susan Pelz, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/02	0.00	10399	0	1975	0	12374	0	18415		18415	
8/2/02	0.39	11194	0	2549	0	13743	0	1305		1305	
8/3/02	0.18	9024	0	2792	0	11816	0	28786		28786	
8/4/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
8/5/02	0.00	13753	0	4442	0	18195	0	47005		47005	
8/6/02	0.00	10799	0	1807	0	12606	0	19660		19660	
8/7/02	0.24	11733	0	1789	0	13522	0	20038		20038	
8/8/02	0.00	9979	0	2587	0	12566	0	20185		20185	
8/9/02	0.00	6725	0	1805	0	8530	0	14168		14168	
8/10/02	0.00	11786	0	1735	0	13521	0	11335		11335	
8/11/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
8/12/02	0.92	9059	0	3632	0	12691	0	15126		15126	
8/13/02	0.12	6682	0	1654	0	8336	0	0		0	
8/14/02	0.67	8169	0	3742	0	11911	0	290		290	
8/15/02	0.11	2599	0	1059	0	3658	0	0		0	
8/16/02	0.00	9006	0	2512	0	11518	0	0		0	
8/17/02	0.14	10452	0	2037	0	12489	0	0		0	
8/18/02	0.02	0.0	0.0	0.0	0	0.0	0	0.0		0	
8/19/02	0.02	23733	0	3667	0	27400	0	37335		37335	
8/20/02	0.01	9814	0	1742	0	11556	0	0		0	
8/21/02	0.00	10314	0	1848	0	12162	0	3427		3427	
8/22/02	0.00	10864	0	1330	0	12194	0	22262		22262	
8/23/02	0.00	9850	0	1431	0	11281	0	7979		7979	
8/24/02	0.00	10524	0	1327	0	11851	0	9043		9043	
8/25/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
8/26/02	0.06	23620	0	2713	0	26333	0	7261		7261	
8/27/02	0.12	13763	0	1219	0	14982	0	9678		9678	
8/28/02	0.07	3598	0	1455	0	5053	0	9875		9875	
8/29/02	0.53	3589	0	1241	0	4830	0	27947		27947	
8/30/02	3.91	6401	0	1425	0	7826	0	0		0	
8/31/02	0.01	6634	0	1549	0	8183	0	20175		20175	
TOTALS	**7.52**	**274063**	**0**	**57064**	**0**	**331127**	**0**	**351295**	**0**	**351295**	**-20168**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/02	0.02	13015	0	0	0	13015	0	1		1	
7/2/02	0.04	6513	0	0	0	6513	0	22016		22016	
7/3/02	1.60	2708	0	0	0	2708	0	3000		3000	
7/4/02	0.00	0.0	0.0	0.0	0	0	0	0		0	
7/5/02	0.00	9754	0	3197	0	12951	0	16480		16480	
7/6/02	0.01	6504	0	1724	0	8228	0	5929		5929	
7/7/02	0.01	0.0	0.0	0.0	0	0	0	0		0	
7/8/02	0.04	13047	0	4262	0	17309	0	0		0	
7/9/02	0.53	0	0	1686	0	1686	0	2260		2260	
7/10/02	0.04	6521	0	2101	0	8622	0	26		26	
7/11/02	0.00	6990	0	1590	0	8580	0	21848		21848	
7/12/02	0.14	6471	0	1990	0	8461	0	12107		12107	
7/13/02	2.04	0	344	1197	0	1541	0	1974		1974	
7/14/02	0.08	0.0	0.0	0.0	0	0	0	0		0	
7/15/02	0.00	13037	39	3753	0	16829	0	22133		22133	
7/16/02	0.00	0	0	2092	0	2092	0	67		67	
7/17/02	0.22	6458	0	1947	0	8405	0	11906		11906	
7/18/02	0.01	6502	0	2064	0	8566	0	3967		3967	
7/19/02	0.72	6475	0	2075	0	8550	0	12663		12663	
7/20/02	2.44	0	0	1974	0	1974	0	7487		7487	
7/21/02	0.18	0.0	0.0	0.0	65000	65000	0	0		0	
7/22/02	0.02	12831	0	5237	0	18068	0	26010		26010	
7/23/02	0.02	6698	0	1821	0	8519	0	2972		2972	
7/24/02	0.22	6663	0	1954	0	8617	0	1950		1950	
7/25/02	0.86	6498	0	1837	0	8335	0	23336		23336	
7/26/02	0.80	332	0	2471	0	2803	0	16899		16899	
7/27/02	0.00	7572	0	2749	15000	25321	0	16135		16135	
7/28/02	0.03	0.0	0.0	0.0	0	0	0	0		0	
7/29/02	0.77	17506	0	5247	0	22753	0	44937		44937	
7/30/02	0.00	4243	0	2291	0	6534	0	18716		18716	
7/31/02	0.00	7903	0	2396	0	10299	0	20706		20706	
TOTALS	**10.84**	**174241**	**383**	**57655**	**80000**	**312279**	**0**	**315525**	**0**	**315525**	**-3246**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

91375

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JUL 15 2002
SOUTHWEST DISTRICT
TAMPA

July 10, 2002

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months April, May and June, 2002, together with the Year to Date Leachate Tracking Summary.

Also enclosed, please find the Revised January, February and March Reports to indicate the current number of total, open, intermediate, unused and closed areas .

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:Shared/LeachateFiles/DEPLetters/FordLea7.10.02.Doc)

Enclosures

CC: Bob Butera, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL

LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSA OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.74	31587	118475	0	0	150062	0	166778	0	166778	-16716
FEBRUARY	1.44	34611	109893	0	0	144504	0	112479	0	112479	32025
MARCH	2.26	44187	122531	0	0	166718	0	138854	0	138854	27864
APRIL	2.34	39156	106837	0	0	145993	0	218222	0	218222	-72229
MAY	2.18	31733	106192	0	0	137925	0	195867	0	195867	-57942
JUNE	6.98	30843	111669	0	0	142512	0	151483	0	151483	-8971
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**18.94**	**212117**	**675597**	**0**	**0**	**887714**	**0**	**983683**	**0**	**983683**	**-95969**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/02	0.00	6455	0	1063	0	7518	0	3046		3046	
6/2/02	0.02	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/3/02	0.00	6486	0	2025	0	8511	0	0		0	
6/4/02	0.00	0	0	1077	0	1077	0	20562		20562	
6/5/02	0.00	7147	0	1025	0	8172	0	0.0		0	
6/6/02	0.00	0	0	1026	0	1026	0	7853		7853	
6/7/02	0.10	7213	0	964	0	8177	0	5415		5415	
6/8/02	0.00	0	0	1124	0	1124	0	0		0	
6/9/02	0.18	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/10/02	0.08	7158	0	1850	0	9008	0	5628		5628	
6/11/02	0.24	6425	0	1345	0	7770	0	4950		4950	
6/12/02	0.31	0	0	835	0	835	0	4339		4339	
6/13/02	0.00	6424	0	1131	0	7555	0	11964		11964	
6/14/02	0.01	0	0	950	0	950	0	0		0	
6/15/02	0.00	6474	0	996	0	7470	0	0		0	
6/16/02	0.05	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/17/02	1.30	6464	0	1993	0	8457	0	0		0	
6/18/02	0.32	0	0	1100	0	1100	0	4468		4468	
6/19/02	0.50	6357	0	1011	0	7368	0	7132		7132	
6/20/02	0.01	0	0	1152	0	1152	0	25506		25506	
6/21/02	0.52	6367	0	961	0	7328	0	0		0	
6/22/02	0.00	0	0	1070	0	1070	0	0		0	
6/23/02	2.21	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
6/24/02	0.51	12770	0	2546	0	15316	0	6306		6306	
6/25/02	0.62	0	0	1298	0	1298	0	22371		22371	
6/26/02	0.00	6444	0	1351	0	7795	0	6182		6182	
6/27/02	0.00	6500	0	1438	0	7938	0	2451		2451	
6/28/02	0.00	6494	0	1512	0	8006	0	6575		6575	
6/29/02	0.00	6491	0	0	0	6491	0	6735		6735	
6/30/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
TOTALS	**6.98**	**111669**	**0**	**30843**	**0**	**142512**	**0**	**151483**	**0**	**151483**	**-8971**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/02	0.00	9116	0	2240	0	11356	0	49915		49915	
5/2/02	0.00	1567	0	1473	0	3040	0	1497		1497	
5/3/02	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
5/4/02	0.00	7182	0	1950	0	9132	0	11631		11631	
5/5/02	0.01	0.0	0.0	0.0	0	0	0	0.0		0.0	
5/6/02	0.00	7217	0	1891	0	9108	0	7702		7702	
5/7/02	0.00	0	0	1027	0	1027	0	8286		8286	
5/8/02	0.00	7184	0	1010	0	8194	0	10913		10913	
5/9/02	0.00	0	0	1095	0	1095	0	6437		6437	
5/10/02	0.00	7194	0	976	0	8170	0	18639		18639	
5/11/02	0.00	0.0	0.0	0	0	0	0	0.0		0.0	
5/12/02	0.04	0.0	0.0	0.0	0	0	0	0.0		0.0	
5/13/02	0.00	5496	0	2986.0	0	8482	0	6087		6087	
5/14/02	0.00	0.0	0.0	0	0	0	0	0.0		0.0	
5/15/02	0.00	8869	0	2061	0	10930	0	8686		8686	
5/16/02	0.00	7156	0	1037	0	8193	0	8265		8265	
5/17/02	0.00	0	0	971	0	971	0	5265		5265	
5/18/02	0.00	6448	0	1011	0	7459	0	6922		6922	
5/19/02	0.06	0.0	0.0	0.0	0	0	0	0.0		0.0	
5/20/02	0.00	6434	0	2104	0	8538	0	0		0	
5/21/02	0.00	0	0	926	0	926	0	13338		13338	
5/22/02	0.00	6452	0	1009	0	7461	0	2166		2166	
5/23/02	0.00	0	0	955	0	955	0	7202		7202	
5/24/02	0.00	6426	0	959	0	7385	0	3669		3669	
5/25/02	0.00	0	0	1095	0	1095	0	3398		3398	
5/26/02	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
5/27/02	0.00	6463	0	2029	0	8492	0	13027		13027	
5/28/02	0.00	0.0	0.0	0	0	0	0	0.0		0.0	
5/29/02	1.84	0.0	0.0	0	0	0	0	0.0		0.0	
5/30/02	0.23	12988	0	194	0	13182	0	1396		1396	
5/31/02	0.00	0	0	2734	0	2734	0	1426		1426	
TOTALS	**2.18**	**106192**	**0**	**31733**	**0**	**137925**	**0**	**195867**	**0**	**195867**	**-57942**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/02	0.01	7227	0	3447	0	10674	0	2452		2452	
4/2/02	0.00	7205	0	1953	0	9158	0	22857		22857	
4/3/02	0.44	0	0	1593	0	1593	0	3140		3140	
4/4/02	0.00	7207	0	1146	0	8353	0	1471		1471	
4/5/02	0.00	1	0	1327	0	1328	0	19803		19803	
4/6/02	0.00	0	0	1391	0	1391	0	6553		6553	
4/7/02	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/8/02	0.00	7209	0	2377	0	9586	0	0		0	
4/9/02	0.00	7197	0	1082	0	8279	0	5643		5643	
4/10/02	0.00	4	0	1025	0	1029	0	0		0	
4/11/02	0.19	7228	0	1008	0	8236	0	21396		21396	
4/12/02	0.18	0	0	1224	0	1224	0	1900		1900	
4/13/02	0.00	0	0	2332	0	2332	0	7460		7460	
4/14/02	0.61	0.0	0.0	0.0	0	0	0	0.0		0	
4/15/02	0.00	14437	0	3671	0	18108	0	2063		2063	
4/16/02	0.00	0	0	1360	0	1360	0	20454		20454	
4/17/02	0.17	7182	0	1149	0	8331	0	118		118	
4/18/02	0.01	0	0	1185	0	1185	0	5844		5844	
4/19/02	0.07	7225	0	1482	0	8707	0	5112		5112	
4/20/02	0.00	0	0	0	0	0	0	0		0	
4/21/02	0.60	0.0	0.0	0.0	0	0	0	0.0		0	
4/22/02	0.00	7238	0	3049	0	10287	0	12600		12600	
4/23/02	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
4/24/02	0.00	7188	0	2303	0	9491	0	24121		24121	
4/25/02	0.00	7183	0	926	0	8109	0	21578		21578	
4/26/02	0.00	0	0	1023	0	1023	0	1550		1550	
4/27/02	0.00	5244	0	1026	0	6270	0	24611		24611	
4/28/02	0.06	0.0	0.0	0.0	0	0	0	0.0		0	
4/29/02	0.00	7862	0	2077	0	9939	0	7496		7496	
4/30/02	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
TOTALS											
	2.34	**106837**	**0**	**39156**	**0**	**145993**	**0**	**218222**	**0**	**218222**	**-72229**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/02	1.76	7212	0	1781	0	8993	0	19272		19272	
3/2/02	0.00	0	0	1169	0	1169	0	0		0	
3/3/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/4/02	0.00	0	0	3612	0	3612	0	3040		3040	
3/5/02	0.00	14376	0	1195	0	15571	0	2		2	
3/6/02	0.00	7243	0	1335	0	8578	0	0		0	
3/7/02	0.00	0	0	1324	0	1324	0	819		819	
3/8/02	0.00	7253	0	1630	0	8883	0	3054		3054	
3/9/02	0.00	5393	0	1330	0	6723	0	5315		5315	
3/10/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/11/02	0.00	9000	0	2726	0	11726	0	1902		1902	
3/12/02	0.44	0	0	1308	0	1308	0	20686		20686	
3/13/02	0.00	7285	0	1764	0	9049	0	0		0	
3/14/02	0.00	7210	0	1643	0	8853	0	0		0	
3/15/02	0.00	0	0	1301	0	1301	0	1146		1146	
3/16/02	0.00	7216	0	1506	0	8722	0	18748		18748	
3/17/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/18/02	0.00	7205	0	2801	0	10006	0	18215		18215	
3/19/02	0.00	0	0	1467	0	1467	0	0		0	
3/20/02	0.00	7191	0	1440	0	8631	0	16152		16152	
3/21/02	0.00	0	0	1291	0	1291	0	0		0	
3/22/02	0.00	7159	0	1687	0	8846	0	0		0	
3/23/02	0.00	0	0	1862	0	1862	0	15997		15997	
3/24/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/25/02	0.00	7187	0	2436	0	9623	0	0		0	
3/26/02	0.00	7179	0	1862	0	9041	0	0		0	
3/27/02	0.00	5058	0	1274	0	6332	0	14506		14506	
3/28/02	0.00	2271	0	1749	0	4020	0	0		0	
3/29/02	0.00	7093	0	1933	0	9026	0	0		0	
3/30/02	0.06	0	0	761	0	761	0	0		0	
TOTALS	**2.26**	**122531**	**0**	**44187**	**0**	**166718**	**0**	**138854**	**0**	**138854**	**27864**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

7-Acre flow estimated due to inaccurate meter readings on recirculation for 3/22 and 3/30/02

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
2/1/02	0.00	7171	0	1073	0	8244	0	6309		6309	
2/2/02	0.00	0	0	1284	0	1284	0	1031		1031	
2/3/02	0.01	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/4/02	0.00	13270	0	2534	0	15804	0	10524		10524	
2/5/02	0.00	1119	0	1316	0	2435	0	0		0	
2/6/02	0.22	6464	0	873	0	7337	0	4791		4791	
2/7/02	0.11	0	0	1468	0	1468	0	8895		8895	
2/8/02	0.00	6418	0	1490	0	7908	0	0		0	
2/9/02	0.00	0	0	1503	0	1503	0	11788		11788	
2/10/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/11/02	0.00	12960	0	2829	0	15789	0	0		0	
2/12/02	0.00	0	0	1044	0	1044	0	10738		10738	
2/13/02	0.00	6474	0	1375	0	7849	0	0		0	
2/14/02	0.00	0	0	1159	0	1159	0	9208		9208	
2/15/02	0.00	6462	0	976	0	7438	0	0		0	
2/16/02	0.06	6479	0	1364	0	7843	0	0		0	
2/17/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/18/02	0.00	6458	0	2179	0	8637	0	0		0	
2/19/02	0.00	398	0	1016	0	1414	0	15497		15497	
2/20/02	0.00	7222	0	1709	0	8931	0	105		105	
2/21/02	0.00	0	0	1021	0	1021	0	12597		12597	
2/22/02	0.00	7252	0	1156	0	8408	0	0		0	
2/23/02	1.04	0	0	1273	0	1273	0	0		0	
2/24/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/25/02	0.00	7383	0	2055	0	9438	0	1790		1790	
2/26/02	0.00	7179	0	2119	0	9298	0	19206		19206	
2/27/02	0.00	7184	0	1000	0	8184	0	0		0	
2/28/02	0.00	0	0	795	0	795	0	0		0	
TOTALS	**1.44**	**109893**	**0**	**34611**	**0**	**144504**	**0**	**112479**	**0**	**112479**	**32025**
		0.0 represents No Reading									
		PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED									
		7-Acre flow estimated due to inaccurate meter readings on recirculation for 2/27/02									

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/2/02	0.88	6499	0	1976	0	8475	0	24850		24850	
1/3/02	0.00	6423	0	996	0	7419	0	0		0	
1/4/02	0.00	0	0	883	0	883	0	5902		5902	
1/5/02	0.00	6458	0	850	0	7308	0	0		0	
1/6/02	0.23	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/7/02	0.04	6580	0	2204	0	8784	0	16662		16662	
1/8/02	0.00	7204	0	1241	0	8445	0	0		0	
1/9/02	0.00	0	0	831	0	831	0	13066		13066	
1/10/02	0.00	7254	0	860	0	8114	0	10854		10854	
1/11/02	0.00	0	0	1036	0	1036	0	12		12	
1/12/02	0.00	7278	0	862	0	8140	0	4734		4734	
1/13/02	0.12	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/14/02	1.58	7683	0	1899	0	9582	0	0		0	
1/15/02	0.00	0	0	1053	0	1053	0	0		0	
1/16/02	0.00	6367	0	746	0	7113	0	8500		8500	
1/17/02	0.00	6415	0	1037	0	7452	0	10305		10305	
1/18/02	0.00	0	0	0	0	0	0	0		0	
1/19/02	0.00	7186	0	1070	0	8256	0	0		0	
1/20/02	0.01	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/21/02	0.00	7177	0	2667	0	9844	0	0		0	
1/22/02	0.00	0	0	1069	0	1069	0	19633		19633	
1/23/02	0.01	7163	0	886	0	8049	0	4567		4567	
1/24/02	0.00	0	0	1051	0	1051	0	13169		13169	
1/25/02	0.87	7456	0	1391	0	8847	0	0		0	
1/26/02	0.00	7080	0	1335	0	8415	0	0		0	
1/27/02	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
1/28/02	0.00	7098	0	1915	0	9013	0	0		0	
1/29/02	0.00	0	0	1409	0	1409	0	15480		15480	
1/30/02	0.00	7154	0	2320	0	9474	0	19044		19044	
TOTALS	**3.74**	**118475**	**0**	**31587**	**0**	**150062**	**0**	**166778**	**0**	**166778**	**-16716**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 18.35 INTERMEDIATE, 0.25 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
APR 19 2002
By

April 12, 2002

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. 21375-003-SO**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months January, February, and March, 2002, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,
Susan J Metcalfe (352) 5277670

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:Shared/SWM_LTC/DEPLetters/FordLea4.12.02.Doc)

Enclosures

CC: Bob Butera, DEP Tampa Office
Tom Dick, Assistant Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office
John Banks, SCS Engineers – Tampa Office

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSA OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.74	31587	118475	0	0	150062	0	166778	0	166778	-16716
FEBRUARY	1.44	34611	109893	0	0	144504	0	112479	0	112479	32025
MARCH	2.26	44187	122531	0	0	166718	0	138854	0	138854	27864
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**7.44**	**110385**	**350899**	**0**	**0**	**461284**	**0**	**418111**	**0**	**418111**	**43173**

2 pumps
1 or AUTO
=> 0 flow
tw. 4/23/02

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
JAN 11 2002
Department of Environmental Protection
BY SOUTHWEST DISTRICT

January 9, 2002

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November and December 2001, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjwShared/LeachateGeneration.Disposal/FordLea1.09.02.Doc)

Enclosures

CC: Ken L. Frink, Director, Dept. Public Works (w/Y-T-D Summary)
JONES, EDMUNDS - DAVID KEOUGH - GAINESVILLE OFFICE
SCS ENGINEERS - ROBERT GARDNER - TAMPA OFFICE

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.07	26018	114929	1414	0	142361	0	204778	0	204778	-62417
FEBRUARY	0.03	14294	116039	1441	0	131774	0	256781	0	256781	-125007
MARCH	4.29	4059	151037	1206	0	156302	0	118776	0	118776	37526
APRIL	0.05	23159	126627	1358	0	151144	0	165739	0	165739	-14595
MAY	2.31	29319	129706	300	0	159324	0	191007	0	191007	-31683
JUNE	3.88	21751	123041	623	0	145415	0	190168	0	190168	-44753
JULY	11.15	31814	201524	3358	0	236696	0	236932	0	236932	-236
AUGUST	6.14	44245	195539	2464	0	242248	0	271578	0	271578	-29330
SEPTEMBER	10.83	39073	224441	6461	0	269975	0	410594	0	410594	-140619
OCTOBER	0.25	42636	161687	138	0	204461	0	313456	0	313456	-108995
NOVEMBER	0.90	35830	132692	0	0	168522	0	125032	0	125032	43490
DECEMBER	0.82	30978	115276	0	0	146254	0	140867	0	140867	5387
											0
YTD TOTAL	**42.72**	**343176**	**1792538**	**18763**	**0**	**2154476**	**0**	**2625708**	**0**	**2625708**	**-471232**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JAN 1 1 2002
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/01	0.00	7274	0	1096	0	8370	0	496		496	
12/2/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/3/01	0.00	7290	0	1941	0	9231	0	12393		12393	
12/4/01	0.00	349	0	869	0	1218	0	0		0	
12/5/01	0.00	7266	0	976	0	8242	0	9037		9037	
12/6/01	0.00	0	0	1056	0	1056	0	9603		9603	
12/7/01	0.03	7325	0	981	0	8306	0	6032		6032	
12/8/01	0.00	0	0	1044	0	1044	0	4372		4372	
12/9/01	0.33	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/10/01	0.00	13834	0	2140	0	15974	0	2293		2293	
12/11/01	0.02	0	0	1034	0	1034	0	4660		4660	
12/12/01	0.00	7254	0	959	0	8213	0	8837		8837	
12/13/01	0.00	0	0	984	0	984	0	5329		5329	
12/14/01	0.00	7348	0	977	0	8325	0	1107		1107	
12/15/01	0.00	0	0	1005	0	1005	0	0		0	
12/16/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/17/01	0.00	7251	0	1918	0	9169	0	2805		2805	
12/18/01	0.35	7314	0	1128	0	8442	0	15479		15479	
12/19/01	0.00	7249	0	1220	0	8469	0	2606		2606	
12/20/01	0.00	0	0	970	0	970	0	20393		20393	
12/21/01	0.00	7220	0	943	0	8163	0	0		0	
12/22/01	0.00	0	0	808	0	808	0	11468		11468	
12/23/01	0.05	0.0	0.0	0	0	0.0	0	0.0		0.0	
12/24/01	0.03	7302	0	2019	0	9321	0	0		0	
12/25/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/26/01	0.00	7266	0	2023	0	9289	0	6693		6693	
12/27/01	0.00	7239	0	1052	0	8291	0	9421		9421	
12/28/01	0.01	0	0	1035	0	1035	0	0		0	
12/29/01	0.00	0	0	904	0	904	0	7843		7843	
12/30/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
12/31/01	0.00	6495	0	1896	0	8391	0	0		0	
TOTALS	**0.82**	**115276**	**0**	**30978**	**0**	**146254**	**0**	**140867**	**0**	**140867**	**5387**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJEC	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/01	0.00	6625	0	1109	0	7734	0	9987		9987	
11/2/01	0.17	5916	0	1211	0	7127	0	4487		4487	
11/3/01	0.00	976	0	1040	0	2016	0	7266		7266	
11/4/01	0.15	0.0	0.0	0.0	0	0	0	0.0		0.0	
11/5/01	0.00	13589	0	2347	0	15936	0	0		0	
11/6/01	0.00	0	0	1163	0	1163	0	10892		10892	
11/7/01	0.00	6568	0	1301	0	7869	0	0		0	
11/8/01	0.00	1376	0	1093	0	2469	0	12678		12678	
11/9/01	0.00	5209	0	1028	0	6237	0	4926		4926	
11/10/01	0.00	7325	0	1460	0	8785	0	0		0	
11/11/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
11/12/01	0.00	6593	0	2415	0	9008	0	5397		5397	
11/13/01	0.20	6553	0	1165	0	7718	0	719		719	
11/14/01	0.38	0	0	1517	0	1517	0	5350		5350	
11/15/01	0.00	6590	0	1800	0	8390	0	3504		3504	
11/16/01	0.00	6577	0	1112	0	7689	0	290		290	
11/17/01	0.00	0	0	1717	0	1717	0	8447		8447	
11/18/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
11/19/01	0.00	13076	0	2179	0	15255	0	1649		1649	
11/20/01	0.00	0	0	1022	0	1022	0	1689		1689	
11/21/01	0.00	6567	0	1331	0	7898	0	2871		2871	
11/22/01	0.00	0.0	0	0	0	0	0	0.0		0.0	
11/23/01	0.00	6523	0.0	2181	0	8704	0	7731		7731	
11/24/01	0.00	6529	0	1059	0	7588	0	0		0	
11/25/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
11/26/01	0.00	6492	0	2402	0	8894	0	15161		15161	
11/27/01	0.00	6544	0	930	0	7474	0	0		0	
11/28/01	0.00	6522	0	1234	0	7756	0	12943		12943	
11/29/01	0.00	0	0	879	0	879	0	5835		5835	
11/30/01	0.00	6542	0	1135	0	7677	0	3210		3210	
TOTALS	**0.90**	**132692**	**0**	**35830**	**0**	**168522**	**0**	**125032**	**0**	**125032**	**43490**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJEC	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/01	0.00	7436	0	3605	0	11041	0	30296		30296	
10/2/01	0.00	7432	0	1393	0	8825	0	2426		2426	
10/3/01	0.00	7416	0	1445.0	0	8861	0	24323		24323	
10/4/01	0.00	7399	0	1305	0	8704	0	21965		21965	
10/5/01	0.00	7370	0	1303.0	0	8673	0	11523		11523	
10/6/01	0.00	7288	0	1357	0	8645	0	17700		17700	
10/7/01	0.00	0.0	0.0	0	0	0	0	0.0		0.0	
10/8/01	0.00	7401	0	2780	0	10181	0	28413		28413	
10/9/01	0.00	2	0	1242	0	1244	0	0		0	
10/10/01	0.00	8412	0	1156	0	9568	0	17274		17274	
10/11/01	0.00	7412	0	1294	0	8706	0	13873		13873	
10/12/01	0.00	6926	0	1385.0	0	8311	0	16312		16312	
10/13/01	0.00	0	0	1161.0	0	1161	0	4081		4081	
10/14/01	0.04	0.0	0.0	0	0	0	0	0.0		0.0	
10/15/01	0.00	11040	0	2725	0	13765	0	15509		15509	
10/16/01	0.00	6945	138	1171	0	8254	0	0		0	
10/17/01	0.00	6584	0	1136	0	7720	0	10073		10073	
10/18/01	0.00	393	0	1261	0	1654	0	9768		9768	
10/19/01	0.00	6580	0	1897.0	0	8477	0	14646		14646	
10/20/01	0.00	6621	0	1258	0	7879	0	0		0	
10/21/01	0.21	0.0	0.0	0	0	0	0	0.0		0.0	
10/22/01	0.00	6574	0	2454	0	9028	0	192		192	
10/23/01	0.00	6593	0	1179	0	7772	0	15793		15793	
10/24/01	0.00	7347	0	1217	0	8564	0	12784		12784	
10/25/01	0.00	0	0	1132	0	1132	0	5767		5767	
10/26/01	0.00	7304	0	1233.0	0	8537	0	12665		12665	
10/27/01	0.00	7325	0	1732	0	9057	0	7908		7908	
10/28/01	0.00	0.0	0.0	0	0	0	0	0.0		0.0	
10/29/01	0.00	7284	0	2570	0	9854	0	18560		18560	
10/30/01	0.00	0	0	1116	0	1116	0	0		0	
10/31/99	0.00	6603	0	1129	0	7732	0	1605		1605	
TOTALS	**0.25**	**161687**	**138**	**42636**	**0**	**204461**	**0**	**313456**	**0**	**313456**	**-108995**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

D.E.P.
OCT 15 2001
Southwest District Tampa

October 11, 2001

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months July, August and September 2001, together with the Year to Date Leachate Tracking Summary.

The performance review of flow meters as well as the impact of leachate recirculation from the treatment plant to storage, as well as the adjustments made to the reporting process will follow under separate cover.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjwShared/LeachateGeneration.Disposal/FordLea.Doc)

Enclosures

CC: Kenneth L. Frink, Interim Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office

Printed on Recycled Paper

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.07	26018	114929	1414	0	142361	0	204778	0	204778	-62417
FEBRUARY	0.03	14294	116039	1441	0	131774	0	256781	0	256781	-125007
MARCH	4.29	4059	151037	1206	0	156302	0	118776	0	118776	37526
APRIL	0.05	23159	126627	1358	0	151144	0	165739	0	165739	-14595
MAY	2.31	29319	129706	300	0	159324	0	191007	0	191007	-31683
JUNE	3.88	21751	123041	623	0	145415	0	190168	0	190168	-44753
JULY	11.15	31814	201524	3358	0	236696	0	236932	0	236932	-236
AUGUST	6.14	44245	195539	2464	0	242248	0	271578	0	271578	-29330
SEPTEMBER	10.83	39073	224441	6461	0	269975	0	410594	0	410594	-140619
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	40.75	233732	1382883	18625	0	1635239	0	2046353	0	2046353	-411114

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/01	0.00	2828	0	1228	0	4056	0	13505		13505	
9/2/01	0.34	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/3/01	0.00	5904	1009	2278	0	9191	0	20937		20937	
9/4/01	0.00	7562	0	1256	0	8818	0	1100		1100	
9/5/01	0.94	5666	0.0	1049	0	6715	0	14137		14137	
9/6/01	0.37	6778	537	1261	0	8576	0	1939		1939	
9/7/01	0.00	10316	0	1094	0	11410	0	0		0	
9/8/01	0.00	78	0	1268	0	1346	0	0		0	
9/9/01	1.06	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/10/01	0.00	11430	542	2355	0	14327	0	0		0	
9/11/01	0.08	8765	0	1272	0	10037	0	19721		19721	
9/12/01	0.00	5287	555	1265	0	7107	0	14161		14161	
9/13/01	3.50	9912	0	1259	0	11171	0	13315		13315	
9/14/01	3.80	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/15/01	0.00	74	364	3128	0	3566	0	52264		52264	
9/16/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
9/17/01	0.00	11810	640	3194	0	15644	0	41346		41346	
9/18/01	0.00	22601	424	1532	0	24557	0	0		0.0	
9/19/01	0.00	13738	1	1421	0	15160	0	22387		22387	
9/20/01	0.00	10348	409	1413	0	12170	0	22036		22036	
9/21/01	0.00	17454	0	1405	0	18859	0	21881		21881	
9/22/01	0.00	11959	534	1418	0	13911	0	21521		21521	
9/23/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
9/24/01	0.58	10673	0	2641	0	13314	0	36821		36821	
9/25/01	0.06	7612	306	1455	0	9373	0	0		0.0	
9/26/01	0.02	13041	373	1452	0	14866	0	24198		24198	
9/27/01	0.00	456	0	1480	0	1936	0	21727		21727	
9/28/01	0.00	22637	765	1485	0	24887	0	24330		24330	
9/29/01	0.08	7512	2	1464	0	8978	0	23268		23268	
9/30/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
TOTALS	**####**	**224441**	**6461**	**39073**	**0**	**269975**	**0**	**410594**	**0**	**410594**	**-140619**

Note from Operating Report

9/7 to 9/10 Effluent batch recirculated to Chlorine Contact Chamber repair project

Primary pumps and level sensors repaired and operating in automatic mode

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/01	0.00	6698	365	1563	0	8626	0	17954		17954	
8/2/01	0.07	9670	371	699	0	10740	0	10664		10664	
8/3/01	0.09	13081	0	2523	0	15604	0	14376		14376	
8/4/01	0.00	1550	386	0	0	1936	0	20082		20082	
8/5/01	4.10	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
8/6/01	0.00	17074	393	3229	0	20696	0	20167.0		20167	
8/7/01	0.00	20317	0	1519	0	21836	0	22947.0		22947	
8/8/01	0.00	10487	0	751	0	11238	0	3875		3875	
8/9/01	0.43	8475	0	3023	0	11498	0	10843		10843	
8/10/01	0.00	10700	0	1348	0	12048	0	15136		15136	
8/11/01	0.00	7094	0	1545	0	8639	0	18669		18669	
8/12/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
8/13/01	0.00	6933	0	2961	0	9894	0	33686		33686	
8/14/01	0.00	7344	0	1416	0	8760	0	27265		27265	
8/15/01	0.79	7518	0	1574	0	9092	0	15429		15429	
8/16/01	0.18	7234	0	1438	0	8672	0	14682		14682	
8/17/01	0.00	6011	0	1554	0	7565	0	4135		4135	
8/18/01	0.00	7371	0	1617	0	8988	0	0		0	
8/19/01	0.06	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
8/20/01	0.00	6645	0	2995	0	9640	0	5		5	
8/21/01	0.00	8101	465	1519	0	10085	0	0		0	
8/22/01	0.07	14938	0	2625	0	17563	0	1		1	
8/23/01	0.00	2699	0	1395	0	4094	0	0		0	
8/24/01	0.00	0	0	0	0	0	0	0		0	
8/25/01	0.00	0	0	1231	0	1231	0	0		0	
8/26/01	0.05	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
8/27/01	0.00	1653	0	2664	0	4317	0	0		0	
8/28/01	0.00	3382	0	1229	0	4611	0	0		0	
8/29/01	0.00	5687	484	1380	0	7551	0	13466		13466	
8/30/01	0.00	4877	0	1222	0	6099	0	174		174	
8/31/01	0.30	0	0	1225	0	1225	0	8022		8022	
TOTALS	6.14	195539	2464	44245	0	242248	0	271578	0	271578	-29330

Notes from Operating Report

0.0 represents No Reading

8/18 to 8/29 Effluent batch recirculated due to Chlorine Contact Chamber repair project

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/01	1.19	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
7/2/01	0.00	6018	459	1629	0	8106	0	41		41	
7/3/01	0.00	3868	118	969	0	4955	0	0		0	
7/4/01	0.25	3525	236	1026	0	4787	0	12434		12434	
7/5/01	0.00	8003	241	1250	0	9494	0	14181		14181	
7/6/01	0.00	14138	0	1226	0	15364	0	13356		13356	
7/7/01	0.06	4979	0	0	0	4979	0	3784		3784	
7/8/01	0.40	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
7/9/01	0.05	8224	311	1730	0	10265	0	0		0	
7/10/01	1.66	7331	0	1044	0	8375	0	16922		16922	
7/11/01	0.71	17645	0	1203	0	18848	0	8862		8862	
7/12/01	0.31	9025	0	603	0	9628	0	8859		8859	
7/13/01	0.36	10325	0	467	0	10792	0	9373		9373	
7/14/01	0.00	1781	0	0	0	1781	0	8742		8742	
7/15/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
7/16/01	0.00	6457	315	0	0	6772	0	14126		14126	
7/17/01	0.19	7856	210	0	0	8066	0	1517		1517	
7/18/01	0.00	8989	0	1830	0	10819	0	10586		10586	
7/19/01	0.06	10127	0	3430	0	13557	0	7671		7671	
7/20/01	0.73	6195	0	1716	0	7911	0	7310		7310	
7/21/01	0.00	8153	0	1323	0	9476	0	12299		12299	
7/22/01	0.58	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
7/23/01	0.55	14568	116	2288	0	16972	0	5000		5000	
7/24/01	0.14	6489	0	1430	0	7919	0	814		814	
7/25/01	1.39	6866	310	347	0	7523	0	8004		8004	
7/26/01	0.48	6273	0	1923	0	8196	0	23132		23132	
7/27/01	1.18	5970	0	1551	0	7521	0	17212		17212	
7/28/01	0.00	1726	466	259	0	2451	0	28930		28930	
7/29/01	0.73	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
7/30/01	0.00	9789	576	2500	0	12865	0	0		0	
7/31/01	0.13	7204	0	2070	0	9274	0	3777		3777	
TOTALS	11.15	201524	3358	31814	0	,236696	0	236932	0	236932	-236

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DATE SEPT	DAY	RAIN IN INCHES	80-1 (S) L.S. METER	C	80-1 FLOW GAL	80-2 (P) L.S. METER	C	80-2 FLOW GAL	80-3 (P) L.S. METER	C	80-3 FLOW GAL	80-4 (S) L.S. METER	C	80-4 FLOW GAL	80-ACRE TOTAL PRIMARY	80-ACRE TOTAL SECONDARY	80-TOTAL FLOW GALLONS	#5 (P) L.S METER	#5 FLOW GALLON	7-A METER	7-ACRE TOTAL GALLONS	TOTAL RECIRCULATION GALLONS	SURFACE LEACHATE FLOW GAL	TOTAL INFLUENT GALLONS	EFFLUENT METER	EFFLUENT FLOW GALLONS
	BAL		9351			2295963			661011			12331						2082100		94430					390225	
9/1/01	Sat		9351	A	0	2298791	M	2828	661011	O	0	12331	A	0	2828	0	2828	2085506	3406	95658	1228	2178	0	4056	403730	13505
9/2/01	Sun	0.34	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
9/3/01	Mon		9351	A	0	2304695	M	5904	661011	O	0	13340	A	1009	5904	1009	6913	2103117	17611	97936	2278	15333	0	9191	424667	20937
9/4/01	Tue		9351	A	0	2312257	M	7562	661011	O	0	13340	A	0	7562	0	7562	2105198	2081	99192	1256	825	0	8818	425767	1100
9/5/01	Wed	0.94	9351	A	0	2317923	M	5666	661011	O	0	13340	A	0	5666	0	5666	2111617	6419	100241	1049	5370	0	6715	439904	14137
9/6/01	Thu	0.37	9351	A	0	2324701	M	6778	661011	O	0	13877	A	537	6778	537	7315	2154810	43193	101502	1261	41932	0	8576	441843	1939
9/7/01	Fri		9351	A	0	2335017	M	10316	661011	O	0	13877	A	0	10316	0	10316	2175430	20620	102596	1094	19526	0	11410	441843	0
9/8/01	Sat		9351	A	0	2335095	M	78	661011	O	0	13877	A	0	78	0	78	2183829	8399	103864	1268	7131	0	1346	441843	0
9/9/01	Sun	1.06	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
9/10/01	Mon		9351	A	0	2346525	M	11430	661011	O	0	14419	A	542	11430	542	11972	2201460	17631	106219	2355	15276	0	14327	441843	0
9/11/01	Tue	0.08	9351	A	0	2355290	M	8765	661011	O	0	14419	A	0	8765	0	8765	2206965	5505	107491	1272	4233	0	10037	461564	1
9/12/01	Wed		9351	A	0	2360577	M	5287	661011	O	0	14974	A	555	5287	555	5842	2211293	4328	108756	1265	3063	0	7107	475725	1
9/13/01	Thu	3.50	9351	A	0	2370489	M	9912	661011	O	0	14974	A	0	9912	0	9912	2213911	2618	110015	1259	1359	0	11171	489040	13315
9/14/01	Fri	3.80	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
9/15/01	Sat		9351	A	0	2370563	M	74	661011	O	0	15338	A	364	74	364	438	2270176	56265	113143	3128	53137	0	3566	541304	52264
9/16/01	Sun		NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
9/17/01	Mon		9785	A	434	2382368	M	11805	661016	M	5	15544	A	206	11810	640	12450	2282233	12057	116337	3194	8863	0	15644	582650	41346
9/18/01	Tue		10209	A	424	2404969	M	22601	661016	O	0	15544	A	0	22601	424	23025	2293345	11112	117869	1532	9580	0	24557	582650	0
9/19/01	Wed		10210	A	1	2418707	M	13738	661016	O	0	15544	A	0	13738	1	13739	2298011	4666	119290	1421	3245	0	15160	605037	22387
9/20/01	Thu		10619	A	409	2429055	M	10348	661016	O	0	15544	A	0	10348	409	10757	2300174	2163	120703	1413	750	0	12170	627073	22036
9/21/01	Fri		10619	A	0	2446509	M	17454	661016	O	0	15544	A	0	17454	0	17454	2302329	2155	122108	1405	750	0	18859	648954	21881
9/22/01	Sat		10619	A	0	2451222	M	4713	668262	M	7246	16078	A	534	11959	534	12493	2304270	1941	123526	1418	523	0	13911	670475	21521
9/23/01	Sun		NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
9/24/01	Mon	0.58	10619	A	0	2451339	M	117	678818	M	10556	16078	A	0	10673	0	10673	2306911	2641	126167	2641	0	0	13314	707296	36821
9/25/01	Tue	0.06	10925	A	306	2451339	M	0	686430	M	7612	16078	A	0	7612	306	7918	2309818	2907	127622	1455	1452	0	9373	707296	0
9/26/01	Wed	0.02	10925	A	0	2460167	M	8828	690643	M	4213	16451	A	373	13041	373	13414	2311270	1452	129074	1452	0	0	14866	731494	24198
9/27/01	Thu		10925	A	0	2460444	A	277	690822	A	179	16451	A	0	456	0	456	2321342	10072	130554	1480	8592	0	1936	753221	21727
9/28/01	Fri		11202	A	277	2468030	A	7586	705873	A	15051	16939	A	488	22637	765	23402	2328476	7134	132039	1485	5649	0	24887	777551	24330
9/29/01	Sat	0.08	11204	A	2	2468030	A	0	713385	A	7512	16939	A	0	7512	2	7514	2337649	9173	133503	1464	7709	0	8978	800819	23268
9/30/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
																0	0		0		0	0		0		0
TOTAL		10.83			1853			172067			52374			4608	224441	6461	230902		255549		39073	216476	0	269975		410594

PUMP OPERATION CODE
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M: MANUAL

9/7 to 9/10 Eff batch recirculated due to CCC project. 9/27 Primary pumps and level sensors repaired and operating in auto.

CITRUS COUNTY CENTRAL LANDFILL

DATE AUG	DAY	RAIN IN INCHES	80-1 (S) L.S. METER	C	80-1 FLOW GAL	80-2 (P) L.S. METER	C	80-2 FLOW GAL	80-3 (P) L.S. METER	C	80-3 FLOW GAL	80-4 (S) L.S. METER	C	80-4 FLOW GAL	80-ACRE TOTAL PRIMARY	80-ACRE TOTAL SECONDARY	80-TOTAL FLOW GALLONS	#5 (P) L.S. METER	#5 FLOW GALLON	7-A METER	7-ACRE TOTAL GALLONS	TOTAL RECIRCULATION GALLONS	SURFACE LEACHATE FLOW GAL	TOTAL INFLUENT GALLONS	EFFLUENT METER	EFFLUENT FLOW GALLONS
																		1779183		50185						118647	
	BAL		9351			2106446			653194			9867															
8/1/01	Wed		9351	A	0	2113144	M	6698	653194	O	0	10232	A	365	6698	365	7063	1789406	10223	51748	1563	8660	0	8626	136601	17954
8/2/01	Thu	0.07	9351	A	0	2122814	M	9670	653194	O	0	10603	A	371	9670	371	10041	1798761	9355	52447	699	8656	0	10740	147265	10664
8/3/01	Fri	0.09	9351	A	0	2135895	M	13081	653194	O	0	10603	A	0	13081	0	13081	1802120	3359	54970	2523	836	0	15604	161641	14376
8/4/01	Sat		9351	A	0	2137445	M	1550	653194	O	0	10989	A	386	1550	386	1936	1802237	117	54970	0	117	0	1936	181723	20082
8/5/01	Sun	4.10	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
8/6/01	Mon		9351	A	0	2149648	M	12203	658065	M	4871	11382	A	393	17074	393	17467	1812680	10443	58199	3229	7214	0	20696	201890	20167
8/7/01	Tue		9351	A	0	2169965	M	20317	658065	O	0	11382	A	0	20317	0	20317	1818401	5721	59718	1519	4202	0	21836	224837	22947
8/8/01	Wed		9351	A	0	2180452	M	10487	658065	O	0	11382	A	0	10487	0	10487	1819522	1121	60469	751	370	0	11238	228712	3875
8/9/01	Thu	0.43	9351	A	0	2185999	M	5547	660993	M	2928	11382	A	0	8475	0	8475	1822888	3366	63492	3023	343	0	11498	239555	10843
8/10/01	Fri		9351	A	0	2196699	M	10700	660993	O	0	11382	A	0	10700	0	10700	1826634	3746	64840	1348	2398	0	12048	254691	15136
8/11/01	Sat		9351	A	0	2203775	M	7076	661011	M	18	11382	A	0	7094	0	7094	1832149	5515	66385	1545	3970	0	8639	273360	1
8/12/01	Sun		NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
8/13/01	Mon		9351	A	0	2210708	M	6933	661011	O	0	11382	A	0	6933	0	6933	1842471	10322	69346	2961	7361	0	9894	307046	33686
8/14/01	Tue		9351	A	0	2218052	M	7344	661011	O	0	11382	A	0	7344	0	7344	1856720	14249	70762	1416	12833	0	8760	334311	27265
8/15/01	Wed	0.79	9351	A	0	2225570	M	7518	661011	O	0	11382	A	0	7518	0	7518	1858595	1875	72336	1574	301	0	9092	349740	15429
8/16/01	Thu	0.16	9351	A	0	2232804	M	7234	661011	O	0	11382	A	0	7234	0	7234	1861121	2526	73774	1438	1088	0	8672	364422	14682
8/17/01	Fri		9351	A	0	2238815	M	6011	661011	O	0	11382	A	0	6011	0	6011	1877603	16482	75328	1554	14928	0	7565	368557	4135
8/18/01	Sat		9351	A	0	2246186	M	7371	661011	O	0	11382	A	0	7371	0	7371	1897465	19862	76945	1617	18245	0	8988	368557	0
8/19/01	Sun	0.06	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
8/20/01	Mon		9351	A	0	2252831	M	6645	661011	O	0	11382	A	0	6645	0	6645	1935602	38137	79940	2995	35142	0	9640	368562	5
8/21/01	Tue		9351	A	0	2260932	M	8101	661011	O	0	11847	A	465	8101	465	8566	1944416	8814	81459	1519	7295	0	10085	368562	0
8/22/01	Wed	0.07	9351	A	0	2275870	M	14938	661011	O	0	11847	A	0	14938	0	14938	1982373	37957	84084	2625	35332	0	17563	368563	1
8/23/01	Thu		9351	A	0	2278569	M	2699	661011	O	0	11847	A	0	2699	0	2699	2001618	19245	85479	1395	17850	0	4094	368563	0
8/24/01	Fri		9351	A	0	2278569	M	0	661011	O	0	11847	A	0	0	0	0	2001618	0	85479	0	0	0	0	368563	0
8/25/01	Sat		9351	A	0	2278569	M	0	661011	O	0	11847	A	0	0	0	0	2021236	19618	86710	1231	18387	0	1231	368563	0
8/26/01	Sun	0.05	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
8/27/01	Mon		9351	A	0	2280222	M	1653	661011	O	0	11847	A	0	1653	0	1653	2039005	17769	89374	2664	15105	0	4317	368563	0
8/28/01	Tue		9351	A	0	2283604	M	3382	661011	O	0	11847	A	0	3382	0	3382	2040636	1631	90603	1229	402	0	4611	368563	0
8/29/01	Wed		9351	A	0	2289291	M	5687	661011	O	0	12331	A	484	5687	484	6171	2043699	3063	91983	1380	1683	0	7551	382029	13466
8/30/01	Thu		9351	A	0	2294168	M	4877	661011	O	0	12331	A	0	4877	0	4877	2080866	37167	93205	1222	35945	0	6099	382203	
8/31/01	Fri	0.30	9351	A		2295963	M		661011	O		12331	A			0	0	2082100	1234	94430	1225	9		1225	390225	
TOTAL		6.14			0			187722			7817			2464	195539	2464	198003		302917		44245	258672	0	242248		271578

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8/18 to 8/29 Eff batch recirculated due to CCC project.

CITRUS COUNTY CENTRAL LANDFILL

DATE JULY	DAY	RAIN IN INCHES	80-1 (S) L.S. METER	C	80-1 FLOW GAL	80-2 (P) L.S. METER	C	80-2 FLOW GAL	80-3 (P) L.S. METER	C	80-3 FLOW GAL	80-4 (S) L.S. METER	C	80-4 FLOW GAL	80-ACRE TOTAL PRIMARY	80-ACRE TOTAL SECONDARY	80-TOTAL FLOW GALLONS	#5 (P) L.S. METER	#5 FLOW GALLON	7-A METER	7-ACRE TOTAL GALLONS	TOTAL RECIRCULATION GALLONS	SURFACE LEACHATE FLOW GAL	TOTAL INFLUENT GALLONS	EFFLUENT METER	EFFLUENT FLOW GALLONS
	BAL		7031			1904925			653191			8829						1695025		18371						881715	
7/1/01	Sun	1.19	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
7/2/01	Mon		7490	A	459	1910943	M	6018	653191	O	0	8829	A	0	6018	459	6477	1697650	2625	20000	1629	996	0	8106	881756	41
7/3/01	Tue		7608	A	118	1914811	M	3868	653191	O	0	8829	A	0	3868	118	3986	1705922	8272	20969	969	7303	0	4955	881756	0
7/4/01	Wed	0.25	7844	A	236	1918336	M	3525	653191	O	0	8829	A	0	3525	236	3761	1707200	1278	21995	1026	252	0	4787	894190	12434
7/5/01	Thu		8085	A	241	1926339	M	8003	653191	O	0	8829	A	0	8003	241	8244	1712482	5282	23245	1250	4032	0	9494	908371	14181
7/6/01	Fri		8085	A	0	1940477	M	14138	653191	O	0	8829	A	0	14138	0	14138	1713818	1336	24471	1226	110	0	15364	921727	13358
7/7/01	Sat	0.06	8085	A	0	1945456	M	4979	653191	O	0	8829	A	0	4979	0	4979	1714085	267	24471	0	267	0	4979	925511	3784
7/8/01	Sun	0.40	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
7/9/01	Mon	0.05	8396	A	311	1953680	M	8224	653191	O	0	8829	A	0	8224	311	8535	1715815	1730	26201	1730	0	0	10265	925511	0
7/10/01	Tue	1.66	8396	A	0	1961011	M	7331	653191	O	0	8829	A	0	7331	0	7331	1718560	2745	27245	1044	1701	0	8375	942433	16922
7/11/01	Wed	0.71	8396	A	0	1978556	M	17645	653191	O	0	8829	A	0	17645	0	17645	1721462	2902	28448	1203	1699	0	18848	951295	8862
7/12/01	Thu	0.31	8396	A	0	1987680	M	9024	653192	O	1	8829	A	0	9025	0	9025	1722511	1049	29051	603	446	0	9628	960154	8859
7/13/01	Fri	0.36	8396	A	0	1998005	M	10325	653192	O	0	8829	A	0	10325	0	10325	1727549	5038	29518	467	4571	0	10792	969527	9373
7/14/01	Sat		8396	A	0	1999786	M	1781	653192	O	0	8829	A	0	1781	0	1781	1727549	0	29518	0	0	0	1781	978269	8742
7/15/01	Sun		NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
7/16/01	Mon		8396	A	0	2006243	M	6457	653192	O	0	9144	A	315	6457	315	6772	1727549	0	29518	0	0	0	6772	992395	14126
7/17/01	Tue	0.19	8396	A	0	2014099	M	7856	653192	O	0	9354	A	210	7856	210	8066	1729560	2011	29518	0	2011	0	8066	993912	1517
7/18/01	Wed		8396	A	0	2023088	M	8989	653192	O	0	9354	A	0	8989	0	8989	1736555	6995	31348	1830	5165	0	10819	1004498	10586
7/19/01	Thu	0.06	8396	A	0	2033215	M	10127	653192	O	0	9354	A	0	10127	0	10127	1740121	3566	34778	3430	136	0	13557	12169	7671
7/20/01	Fri	0.73	8396	A	0	2039410	M	6195	653192	O	0	9354	A	0	6195	0	6195	1742135	2014	36494	1716	298	0	7911	19479	7310
7/21/01	Sat		8396	A	0	2047563	M	8153	653192	O	0	9354	A	0	8153	0	8153	1744241	2106	37817	1323	783	0	9476	31778	12299
7/22/01	Sun	0.58	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
7/23/01	Mon	0.55	8396	A	0	2062129	M	14566	653194	O	2	9470	A	116	14568	116	14684	1753443	9202	40105	2288	6914	0	16972	36778	5000
7/24/01	Tue	0.14	8396	A	0	2068618	M	6489	653194	O	0	9470	A	0	6489	0	6489	1758416	4973	41535	1430	3543	0	7919	37592	814
7/25/01	Wed	1.39	8396	A	0	2075484	M	6866	653194	O	0	9780	A	310	6866	310	7176	1758763	347	41882	347	0	0	7523	45596	8004
7/26/01	Thu	0.48	8396	A	0	2081757	M	6273	653194	O	0	9780	A	0	6273	0	6273	1760701	1938	43805	1923	15	0	8196	68728	23132
7/27/01	Fri	1.18	8396	A	0	2087727	M	5970	653194	O	0	9780	A	0	5970	0	5970	1765945	5244	45356	1551	3693	0	7521	85940	17212
7/28/01	Sat		8854	A	458	2089453	M	1726	653194	O	0	9788	A	8	1726	466	2192	1770323	4378	45615	259	4119	0	2451	114870	28930
7/29/01	Sun	0.73	NR	A	NR	NR	M	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR
7/30/01	Mon		9351	A	497	2099242	M	9789	653194	O	0	9867	A	79	9789	576	10365	1775877	5554	48115	2500	3054	0	12865	114870	0
7/31/01	Tue	0.13	9351		0	2106446	M	7204	653194	O	0	9867		0	7204	0	7204	1779183	3306	50185	2070	1236		9274	118647	3777
TOTAL		11.15			2320			201521			3			1038	201524	3358	204882		84158		31814	52344	0	236696		236932

PUMP OPERATION CODE
C: CODE COLUMN
A: AUTOMATIC
O: PUMPS OFF
M: MANUAL

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

July 10, 2001

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months April, May and June 2001, together with the Year to Date Leachate Tracking Summary.

After your question in last months meeting, we are reviewing performance of flow meters as well as the impact of leachate recalculation from the treatment plant to storage as possible reasons for the apparent discrepancy between influent and effluent values.

No definitive answer has been reached as yet.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw(Winfile/DEP/FordLea.Doc)

Enclosures

CC: Kenneth L. Frink, Interim Director, Dept. Public Works (w/Y-T-D Summary)
David Keough, Jones, Edmunds & Associates – Gainesville Office

D.E.P.
JUL 16 2001
Southwest District Tampa

CITRUS COUNTY CENTRAL LANDFILL

LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.07	26018	114929	1414	0	142361	0	204778	0	204778	-62417
FEBRUARY	0.03	14294	116039	1441	0	131774	0	256781	0	256781	-125007
MARCH	4.29	4059	151037	1206	0	156302	0	118776	0	118776	37526
APRIL	0.05	23159	126627	1358	0	151144	0	165739	0	165739	-14595
MAY	2.31	29319	129706	300	0	159324	0	191007	0	191007	-31683
JUNE	3.88	21751	123041	623	0	145415	0	190168	0	190168	-44753
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**12.63**	**118600**	**761379**	**6342**	**0**	**886320**	**0**	**1127249**	**0**	**1127249**	**-240929**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/01	0.19	0	0	981	0	981	0	1859	0	1859	
6/2/01	0.00	5681	0	775	0	6456	0	17711	0	17711	
6/3/01	0.15	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/4/01	0.14	8138	0	1624	0	9762	0	13316	0	13316	
6/5/01	0.19	11664	0	0	0	11664	0	12370	0	12370	
6/6/01	0.60	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/7/01	0.09	3729	111	0	0	3840	0	7882	0	7882	
6/8/01	0.00	2521	0	1110	0	3631	0	2680	0	2680	
6/9/01	0.00	5747	0	229	0	5976	0	12736	0	12736	
6/10/01	0.05	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/11/01	0.00	4215	93	667	0	4975	0	1691	0	1691	
6/12/01	0.00	8782	0	579	0	9361	0	0	0	0	
6/13/01	0.00	5278	0	663	0	5941	0	8452	0	8452	
6/14/01	0.00	6012	0	1271	0	7283	0	20683	0	20683	
6/15/01	0.00	5430	0	513	0	5943	0	5115	0	5115	
6/16/01	0.00	5270	0	1191	0	6461	0	3106	0	3106	
6/17/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/18/01	0.13	5643	91	1648	0	7382	0	280	0	280	
6/19/01	0.01	6674	0	1443	0	8117	0	14507	0	14507	
6/20/01	0.40	4057	0	911	0	4968	0	0	0	0	
6/21/01	0.02	2022	0	1175	0	3197	0	6568	0	6568	
6/22/01	0.60	5066	0	910	0	5976	0	7835	0	7835	
6/23/01	0.50	2548	0	880	0	3428	0	8923	0	8923	
6/24/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/25/01	0.00	5451	106	971	0	6528	0	846	0	846	
6/26/01	0.46	4202	0	1225	0	5427	0	5272	0	5272	
6/27/01	0.16	7096	109	1034	0	8239	0	17683	0	17683	
6/28/01	0.00	3991	0	530	0	4521	0	6437	0	6437	
6/29/01	0.00	3770	0	928	0	4698	0	7349	0	7349	
6/30/01	0.19	54	113	493	0	660	0	6867	0	6867	
TOTALS	**3.88**	**123041**	**623**	**21751**	**0**	**145415**	**0**	**190168**	**0**	**190168**	**-44753**

0.0 represents No Reading

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE		RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/01		0.00	12896	9	761	0	13666	0	0		0	
5/2/01		0.00	1759	87	1291	0	3137	0	8148		8148	
5/3/01		0.14	6956	0	1477	0	8433	0	9501		9501	
5/4/01		0.00	2453	0	865	0	3318	0	3306		3306	
5/5/01		0.00	4618	0	1041	0	5659	0	8363		8363	
5/6/01		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/7/01		0.24	6435	0	1619	0	8054	0	11234		11234	
5/8/01		0.00	6335	100	1550	0	7985	0	0		0	
5/9/01		0.00	4274	0	940	0	5214	0	11161		11161	
5/10/01		0.00	2602	1	1041	0	3644	0	5424		5424	
5/11/01		0.00	2530	0	707	0	3237	0	9626		9626	
5/12/01		0.00	4702	0	787	0	5489	0	7992		7992	
5/13/01		0.63	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/14/01		0.00	7036	0	1359	0	8395	0	11475		11475	
5/15/01		0.00	4477	0	868	0	5345	0	0		0	
5/16/01		0.00	179	102	719	0	1000	0	11982		11982	
5/17/01		0.00	8734	0	1485	0	10219	0	0		0	
5/18/01		0.00	2851	0	757	0	3608	0	12496		12496	
5/19/01		0.00	4789	0	1357	0	6146	0	12065		12065	
5/20/01		0.10	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/21/01		0.03	8155	0	1631	0	9786	0	18680		18680	
5/22/01		0.04	0	0	1100	0	1100	0	0		0	
5/23/01		0.00	7600	0	850	0	8450	0	11372		11372	
5/24/01		0.00	1	1	922	0	923	0	6414		6414	
5/25/01		0.00	7559	0	592	0	8151	0	3722		3722	
5/26/01		0.31	7582	0	1106	0	8688	0	12737		12737	
5/27/01		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/28/01		0.62	0	0	1748	0	1748	0	7992		7992	
5/29/01		0.09	7597	0	1019	0	8616	0	3438		3438	
5/30/01		0.00	0	0	835	0	835	0	2580		2580	
5/31/01		0.11	7586	0	892	0	8478	0	1299		1299	
TOTALS		**2.31**	**129706**	**300**	**29319**	**0**	**159324**	**0**	**191007**	**0**	**191007**	**-31683**

0.0 represents No Reading

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA												
		80-ACRE	80-ACRE		SURFACE		LEACHATE	LEACHATE	LEACHATE		
		TOTAL	TOTAL	7 ACRE	LEACHATE	TOTAL	(RAW) DISPOSAL	EFFLUENT	EFFLUENT	TOTAL	
	RAIN	PRIMARY	SECONDARY	LEACHATE	OR	LEACHATE	OFF-SITE TO	DISPOSAL	DISPOSAL	LEACHATE	
DATE	DATA	PHASE 1 & 1A	PHASE 1A	FLOW	SPECIAL PROJECT	GENERATED	BW WWTP	ON-SITE	OFF-SITE	DISPOSAL	BALANCE
4/1/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/2/01	0.00	14151	334	450	0	14935	0	13459		13459	
4/3/01	0.00	7952	0	344	0	8296	0	0		0	
4/4/01	0.00	5616	0	285	0	5901	0	4927		4927	
4/5/01	0.00	6134	0	332	0	6466	0	5456		5456	
4/6/01	0.00	5055	98	84	0	5237	0	5396		5396	
4/7/01	0.00	4819	0	534	0	5353	0	11950		11950	
4/8/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/9/01	0.00	10279	102	398	0	10779	0	6337		6337	
4/10/01	0.00	5343	0	353	0	5696	0	0		0	
4/11/01	0.00	8204	0	291	0	8495	0	6816		6816	
4/12/01	0.00	20	0	293	0	313	0	6250		6250	
4/13/01	0.00	0	0	1274	0	1274	0	6059		6059	
4/14/01	0.00	5159	0	2876	0	8035	0	11730		11730	
4/15/01	0.01	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/16/01	0.00	5010	204	2121	0	7335	0	12556		12556	
4/17/01	0.00	2501	103	768	0	3372	0	0		0	
4/18/01	0.00	4185	104	1136	0	5425	0	6741		6741	
4/19/01	0.00	5923	104	898	0	6925	0	0		0	
4/20/01	0.00	5721	103	1020	0	6844	0	11008		11008	
4/21/01	0.00	3800	0	887	0	4687	0	6739		6739	
4/22/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/23/01	0.00	6767	206	1564	0	8537	0	9123		9123	
4/24/01	0.00	5077	0	1430	0	6507	0	3193		3193	
4/25/01	0.03	5475	0	766	0	6241	0	5509		5509	
4/26/01	0.00	3291	0	1208	0	4499	0	9892		9892	
4/27/01	0.00	6083	0	1256	0	7339	0	1724		1724	
4/28/01	0.01	49	0	841	0	890	0	11230		11230	
4/29/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/30/01	0.00	13	0	1750	0	1763	0	9644		9644	
TOTALS	**0.05**	**126627**	**1358**	**23159**	**0**	**151144**	**0**	**165739**	**0**	**165739**	**-14595**
0.0 represents No Reading											

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

D.E.P.
APR 18 2001
Southwest District Tampa

April 10, 2001

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months January, February and March 2001, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-SWM:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.07	26018	114929	1414	0	142361	0	204778	0	204778	-62417
FEBRUARY	0.03	14294	116039	1441	0	131774	0	256781	0	256781	-125007
MARCH	4.29	4059	151037	1206	0	156302	0	118776	0	118776	37526
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	6.39	44371	382005	4061	0	430437	0	580335	0	580335	-149898

D.E.P.
APR 18 2001
Southwest District Tampa

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE		RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/01		0.00	0	0	0	0	0	0	6082		6082	
3/2/01		0.00	0	82	0	0	82	0	17489		17489	
3/3/01		0.00	7554	97	0	0	7651	0	6225		6225	
3/4/01		0.98	0.0	0.0	0	0	0.0	0	0.0		0.0	
3/5/01		0.00	19471	85	0	0	19556	0	7352		7352	
3/6/01		0.00	155	0	0	0	155	0	627		627	
3/7/01		0.00	4227	49	0	0	4276	0	10263		10263	
3/8/01		0.00	113	0	0	0	113	0	2080		2080	
3/9/01		0.14	206	0	0	0	206	0	3225		3225	
3/10/01		0.00	4406	106	0	0	4512	0	6911		6911	
3/11/01		0.00	0.0	0.0	0	0	0.0	0	0.0		0.0	
3/12/01		0.00	6082	29	0	0	6111	0	8641		8641	
3/13/01		0.21	10464	1	0	0	10465	0	0		0	
3/14/01		0.00	5396	0	0	0	5396	0	8353		8353	
3/15/01		0.04	4257	0	0	0	4257	0	8882		8882	
3/16/01		0.08	5961	0	0	0	5961	0	0		0	
3/17/01		0.00	0	0	0	0	0	0	0		0	
3/18/01		0.17	0.0	0.0	0	0	0.0	0	0.0		0.0	
3/19/01		2.59	1	0	0	0	1	0	15645		15645	
3/20/01		0.00	19604	100	0	0	19704	0	0.0		0.0	
3/21/01		0.00	6506	82	0	0	6588	0	0		0	
3/22/01		0.00	7746	82	0	0	7828	0	0		0	
3/23/01		0.00	9	0	2121	0	2130	0	0		0	
3/24/01		0.00	11424	0	200	0	11624	0	0		0	
3/25/01		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/26/01		0.00	0	164.0	238	0	402	0	0		0	
3/27/01		0.00	11090	164	544	0	11798	0	0		0	
3/28/01		0.00	7331	82	225	0	7638	0	2237		2237	
3/29/01		0.01	6274	0	220	0	6494	0	1942		1942	
3/30/01		0.07	6500	0	262	0	6762	0	5188		5188	
3/31/01		0.00	6260	83	249	0	6592	0	7634		7634	
TOTALS		**4.29**	**151037**	**1206**	**4059**	**0**	**156302**	**0**	**118776**	**0**	**118776**	**37526**

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

Note: 7 Acre Lift Station off due to permit required inspection, cleaning and repairs

Note: Leachate on-site disposal discontinued 3/20/01 to 3/28/01 - recirculated to storage tank

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 18 2001
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DATE	DAY	RAIN	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	#5	#5		7-ACRE	TOTAL	SURFACE	TOTAL	EFFLUENT	EFFLUENT
		IN	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	TOTAL	TOTAL	FLOW	(P) L.S.	FLOW	7-A	TOTAL	RECIRCULATION	LEACHATE	INFLUENT	METER	FLOW
		INCHES	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	GALLON	METER	GALLONS	GALLONS	FLOW GAL	GALLONS		GALLONS
	BAL.		5262			1407013			620693			7111						1349962		265579					203869	
3/1/01	Thu		5262	A	0	1407013	A	0	620693	A	0	7111	A	0	0	0	0	1351473	1511	265579	0	1511	0	0	209951	6082
3/2/01	Fri		5262	A	0	1407013	A	0	620693	A	0	7193	A	82	0	82	82	1351473	0	265579	0	0	0	82	227440	17489
3/3/01	Sat		5262	A	0	1412342	A	5329	622918	A	2225	7290	A	97	7554	97	7651	1359290	7817	265579	0	7817	0	7651	233665	6225
3/4/01	Sun	0.98	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR		NR	0	NR	NR	NR
3/5/01	Mon		5262	A	0	1420944	A	8602	633787	A	10869	7375	A	85	19471	85	19556	1359610	320	265579	0	320	0	19556	241017	7352
3/6/01	Tue		5262	O	0	1421099	M	155	633787	O	0	7375	A	0	155	0	155	1359689	79	265579	0	79	0	155	241644	627
3/7/01	Wed		5262	O	0	1425326	M	4227	633787	O	0	7424	M	49	4227	49	4276	1359689	0	265579	0	0	0	4276	251907	10263
3/8/01	Thu		5262	O	0	1425439	M	113	633787	O	0	7424	O	0	113	0	113	1362622	2933	265579	0	2933	0	113	253987	2080
3/9/01	Fri	0.14	5262	M	0	1425645	M	206	633787	O	0	7424	O	0	206	0	206	1362622	0	265579	0	0	0	206	257212	
3/10/01	Sat		5262	O	0	1430051	M	4406	633787	O	0	7530	M	106	4406	106	4512	1362703	81	265579	0	81	0	4512	264123	
3/11/01	Sun		NR	O	NR	NR	O	NR	NR	O	NR	NR	O	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
3/12/01	Mon		5262	A	0	1436133	M	6082	633787	O	0	7559	M	29	6082	29	6111	1364938	2235	265579	0	2235	0	6111	272764	8641
3/13/01	Tue	0.21	5262	A	0	1446597	M	10464	633787	O	0	7560	M	1	10464	1	10465	1377569	12631	265579	0	12631	0	10465	272764	0
3/14/01	Wed		5262	A	0	1451993	M	5396	633787	O	0	7560	A	0	5396	0	5396	1389858	12289	265579	0	12289	0	5396	281117	8353
3/15/01	Thu	0.04	5262	A	0	1456250	M	4257	633787	O	0	7560	A	0	4257	0	4257	1392905	3047	265579	0	3047	0	4257	289999	8882
3/16/01	Fri	0.08	5262	A	0	1462211	M	5961	633787	O	0	7560	A	0	5961	0	5961	1395935	3030	265579	0	3030	0	5961	289999	0
3/17/01	Sat		5262	A	0	1462211	O	0	633787	O	0	7560	A	0	0	0	0	1395935	0	265579	0	0	0	0	289999	0
3/18/01	Sun	0.17	NR	A	NR	NR	O	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
3/19/01	Mon	2.59	5262	A	0	1462212	M	1	633787	O	0	7560	A	0	1	0	1	1403345	7410	265579	0	7410	0	1	305644	15645
3/20/01	Tue		5273	A	11	1481816	M	19604	633787	O	0	7649	A	89	19604	100	19704	1406409	3064	265579	0	3064	0	19704	305644	0
3/21/01	Wed		5273	A	0	1488322	M	6506	633787	O	0	7731	A	82	6506	82	6588	1410475	4066	265579	0	4066	0	6588	305644	0
3/22/01	Thu	0.08	5273	A	0	1496068	M	7746	633787	O	0	7813	A	82	7746	82	7828	1429374	18899	265579	0	18899	0	7828	305644	0
3/23/01	Fri		5273	A	0	1496077	M	9	633787	O	0	7813	A	0	9	0	9	1432211	2837	267700	2121	716	0	2130	305644	0
3/24/01	Sat		5273	A	0	1507501	M	11424	633787	O	0	7813	A	0	11424	0	11424	1432707	496	267900	200	296	0	11624	305644	0
3/25/01	Sun		NR	A	NR	NR	O	NR	NR	O	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
3/26/01	Mon		5273	A	0	1507501	O	0	633787	O	0	7977	A	164	0	164	164	1436943	4236	268138	238	3998	0	402	305644	0
3/27/01	Tue		5273	A	0	1518591	M	11090	633787	O	0	8141	A	164	11090	164	11254	1461159	24216	268682	544	23672	0	11798	305644	0
3/28/01	Wed	0.01	5273	A	0	1525922	M	7331	633787	O	0	8223	A	82	7331	82	7413	1468867	7708	268907	225	7483	0	7638	307881	2237
3/29/01	Thu	1.74	5273	A	0	1532196	M	6274	633787	O	0	8223	A	0	6274	0	6274	1471178	2311	269127	220	2091	0	6494	309823	
3/30/01	Fri	0.07	5273	A	0	1538696	M	6500	633787	O	0	8223	A	0	6500	0	6500	1477135	5957	269389	262	5695	0	6762	315011	
3/31/01	Sat		5273	A	0	1544956	M	6260	633787	O	0	8306	A	83	6260	83	6343	1481716	4581	269638	249	4332	0	6592	322645	7634
TOTAL		6.11			11			137943			13094			1195	151037	1206	152243		131754		4059	127695	0	156302		118776

PUMP OPERATION CODE	Due to Leachate line cleaning,pressure cleaning and lift station repairs the 7 acre were out of service from 2/22/01 to 3/23/01.
C: CODE COLUMN	
A: AUTOMATIC	
O: PUMPS OFF	
M: MANUAL	

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 18 2001
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
		80-ACRE	80-ACRE		SURFACE		LEACHATE	LEACHATE	LEACHATE		
		TOTAL	TOTAL	7 ACRE	LEACHATE	TOTAL	(RAW) DISPOSAL	EFFLUENT	EFFLUENT	TOTAL	
	RAIN	PRIMARY	SECONDARY	LEACHATE	OR	LEACHATE	OFF-SITE TO	DISPOSAL	DISPOSAL	LEACHATE	
DATE	DATA	PHASE 1 & 1A	PHASE 1A	FLOW	SPECIAL PROJECT	GENERATED	BW WWTP	ON-SITE	OFF-SITE	DISPOSAL	BALANCE
2/1/01	0.01	7283	0	1	0	7284	0	20899		20899	
2/2/01	0.18	7086	99	1115	0	8300	0	14879		14879	
2/3/01	0.09	6998	0	193	0	7191	0	17392		17392	
2/4/01	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
2/5/01	0.00	6981	101	273.0	0	7355	0	11328		11328	
2/6/01	0.00	0	0	0	0	0	0	0		0	
2/7/01	0.00	0	0	0	0	0	0	20369		20369	
2/8/01	0.01	15357	364	0	0	15721	0	2452		2452	
2/9/01	0.00	0	4	0	0	4	0	24890		24890	
2/10/01	0.00	6967	101	2479	0	9547	0	12517		12517	
2/11/01	0.00	0.0	0.0	0	0	0.0	0	0.0		0.0	
2/12/01	0.00	6945	101	1845	0	8891	0	15992		15992	
2/13/01	0.00	0	0	1141.0	0	1141	0	5306		5306	
2/14/01	0.00	9082	100	1102	0	10284	0	11562		11562	
2/15/01	0.01	0	0	1120	0	1120	0	13583		13583	
2/16/01	0.00	6995	0	1148	0	8143	0	16681		16681	
2/17/01	0.00	0	82	333	0	415	0	5830		5830	
2/18/01	0.00	0.0	0.0	0	0	0.0	0	0.0		0.0	
2/19/01	0.00	7042	81	1625	0	8748	0	13317		13317	
2/20/01	0.00	7089	82	1305	0	8476	0	3496		3496	
2/21/01	0.00	11	0	614	0	625	0	11538		11538	
2/22/01	0.00	9310	82	0	0	9392	0	17120		17120	
2/23/01	0.00	0.0	0.0	0	0	0.0	0	0.0		0.0	
2/24/01	0.00	0	81	0	0	81	0	7416		7416	
2/25/01	0.00	0.0	0.0	0	0	0.0	0	0.0		0.0	
2/26/01	0.00	9357	0	0	0	9357	0	5506		5506	
2/27/01	0.00	0	82	0	0	82	0	3615		3615	
2/28/01	0.00	9536	81	0	0	9617	0	1093		1093	
TOTALS	**0.30**	**116039**	**1441**	**14294**	**0**	**131774**	**0**	**256781**	**0**	**256781**	**-125007**
0.0 represents No Reading											
PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED											
Note: 7 Acre Lift Station off due to permit required inspection and cleaning											

APR 18 2001
SOUTHWEST DISTRICT
TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DATE	DAY	RAIN	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	#5	#5		7-ACRE	TOTAL	SURFACE	TOTAL	EFFLUENT	EFFLUENT
FEB		IN	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	TOTAL	TOTAL	FLOW	(P) L.S.	FLOW	7-A	TOTAL	RECIRCULATION	LEACHATE	INFLUENT	METER	FLOW
		INCHES	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	GALLON	METER	GALLONS	GALLONS	FLOW GAL	GALLONS		GALLONS
	BAL.		4503			1333344			578323			6429						1280016		251285					947088	
2/1/01	Thu	0.01	4503	A	0	1340627	A	7283	578323	A	0	6429	A	0	7283	0	7283	1285078	5062	251286	1	5061	0	7284	967987	20899
2/2/01	Fri	0.18	4602	A	99	1347713	A	7086	578323	A	0	6429	A	0	7086	99	7185	1287455	2377	252401	1115	1262	0	8300	982866	14879
2/3/01	Sat	0.09	4602	A	0	1354711	A	6998	578323	A	0	6429	A	0	6998	0	6998	1289137	1682	252594	193	1489	0	7191	1000258	17392
2/4/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR		NR	0	NR	NR	NR
2/5/01	Mon		4703	O	101	1361692	O	6981	578323	O	0	6429	O	0	6981	101	7082	1296357	7220	252867	273	6947	0	7355	11586	11328
2/6/01	Tue		4703	O	0	1361692	O	0	578323	O	0	6429	O	0	0	0	0	1296357	0	252867	0	0	0	0	11586	0
2/7/01	Wed		4703	O	0	1361692	O	0	578323	O	0	6429	O	0	0	0	0	1296357	0	252867	0	0	0	0	31955	20369
2/8/01	Thu	0.01	4956	A	253	1371967	A	10275	583405	A	5082	6540	A	111	15357	364	15721	1302394	6037	252867	0	6037	0	15721	34407	2452
2/9/01	Fri		4960	O	4	1371967	O	0	583405	O	0	6540	O	0	0	4	4	1302394	0	252867	0	0	0	4	59297	7
2/10/01	Sat		5061	A	101	1378934	A	6967	583405	A	0	6540	A	0	6967	101	7068	1307075	4681	255346	2479	2202	0	9547	71814	1
2/11/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
2/12/01	Mon		5162	A	101	1385879	A	6945	583405	A	0	6540	A	0	6945	101	7046	1317410	10335	257191	1845	8490	0	8891	87806	15992
2/13/01	Tue		5162	A	0	1385879	A	0	583405	A	0	6540	A	0	0	0	0	1319192	1782	258332	1141	641	0	1141	93112	5306
2/14/01	Wed		5262	A	100	1385879	A	0	592487	A	9082	6540	A	0	9082	100	9182	1323553	4361	259434	1102	3259	0	10284	104674	11562
2/15/01	Thu	0.01	5262	A	0	1385879	A	0	592487	A	0	6540	A	0	0	0	0	1325125	1572	260554	1120	452	0	1120	118257	13583
2/16/01	Fri		5262	A	0	1392874	A	6995	592487	A	0	6540	A	0	6995	0	6995	1326541	1416	261702	1148	268	0	8143	134938	16681
2/17/01	Sat		5262	A	0	1392874	A	0	592487	A	0	6622	A	82	0	82	82	1329369	2828	262035	333	2495	0	415	140768	5830
2/18/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
2/19/01	Mon		5262	A	0	1399916	A	7042	592487	A	0	6703	A	81	7042	81	7123	1335848	6479	263660	1625	4854	0	8748	154085	13317
2/20/01	Tue		5262	A	0	1407005	A	7089	592487	A	0	6785	A	82	7089	82	7171	1339147	3299	264965	1305	1994	0	8476	157581	3496
2/21/01	Wed		5262	A	0	1407005	A	0	592498	A	11	6785	A	0	11	0	11	1348242	9095	265579	614	8481	0	625	169119	11538
2/22/01	Thu		5262	A	0	1407013	A	8	601800	A	9302	6867	A	82	9310	82	9392	1348315	73	265579	0	73	0	9392	186239	17120
2/23/01	Fri		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
2/24/01	Sat		5262	A	0	1407013	A	0	601800	A	0	6948	A	81	0	81	81	1348315	0	265579	0	0	0	81	193655	7416
2/25/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
2/26/01	Mon		5262	A	0	1407013	A	0	611157	A	9357	6948	A	0	9357	0	9357	1349962	1647	265579	0	1647	0	9357	199161	5506
2/27/01	Tue		5262	A	0	1407013	A	0	611157	A	0	7030	A	82	0	82	82	1349962	0	265579	0	0	0	82	202776	3615
2/28/01	Wed		5262	A	0	1407013	A	0	620693	A	9536	7111	A	81	9536	81	9617	1349962	0	265579	0	0	0	9617	203869	1093
TOTAL		0.30			759			73669			42370			682	116039	1441	117480		69946		14294	55652	0	131774		256781

PUMP OPERATION CODE	Due to Leachate line cleaning,pressure testing and lift station repairs the 7 acre lift stations were out of service from 2/22/01 to 3/23/02.
C: CODE COLUMN	
A: AUTOMATIC	
O: PUMPS OFF	
M: MANUAL	

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 18 2001
SOUTHWEST DISTRICT TAMPA

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	**TOTAL LEACHATE GENERATED**	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	**TOTAL LEACHATE DISPOSAL**	BALANCE
1/1/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/2/01	0.00	8998	79	2267	0	11344	0	10099		10099	
1/3/01	0.00	0	79	1248	0	1327	0	5154		5154	
1/4/01	0.00	9018	0	794	0	9812	0	5025		5025	
1/5/01	0.00	0	79	839.0	0	918	0	9869		9869	
1/6/01	0.00	5428	118	1059	0	6605	0	2407		2407	
1/7/01	0.10	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/8/01	0.39	11170	79	1940	0	13189	0	6187		6187	
1/9/01	0.00	0	0.0	1166	0	1166	0	4782		4782	
1/10/01	0.00	477	79	888	0	1444	0	1438		1438	
1/11/01	0.10	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/12/01	0.00	9751	201	2119	0	12071	0	8697		8697	
1/13/01	0.01	7054	0	1177	0	8231	0	8112		8112	
1/14/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/15/01	0.00	7061	100	1521	0	8682	0	22290		22290	
1/16/01	0.00	0	0	603	0	603	0	9340		9340	
1/17/01	0.00	7017	100	1375	0	8492	0	4558		4558	
1/18/01	0.17	0	0	871	0	871	0	21123		21123	
1/19/01	0.01	7000	0	1132	0	8132	0	13716		13716	
1/20/01	0.00	0	99	1096	0	1195	0	10319		10319	
1/21/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/22/01	0.00	6956	101	798	0	7855	0	13023		13023	
1/23/01	0.00	6998	0	1527	0	8525	0	0		0	
1/24/01	0.00	0	0	1022	0	1022	0	5974		5974	
1/25/01	0.00	6923	100	1174	0	8197	0	14		14	
1/26/01	0.00	0	1	1174	0	1175	0	14944		14944	
1/27/01	0.00	6996	99	160	0	7255	0	11770		11770	
1/28/01	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
1/29/01	0.00	7026	0	68	0	7094	0	13011		13011	
1/30/01	0.01	0	100	0	0	100	0	1502		1502	
1/31/01	1.28	7056	0	0	0	7056	0	1424		1424	
TOTALS	**2.07**	**114929**	**1414**	**26018**	**0**	**142361**	**0**	**204778**	**0**	**204778**	**-62417**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

SOUTHWEST DISTRICT
TAMPA
APR 1 8 2001
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

CITRUS COUNTY CENTRAL LANDFILL

DATE	DAY	RAIN	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	#5	#5		7-ACRE	TOTAL	SURFACE	TOTAL	EFFLUENT	EFFLUENT
JAN		IN	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	TOTAL	TOTAL	FLOW	(P) L.S.	FLOW	7-A	TOTAL	RECIRCULATION	LEACHATE	INFLUENT	METER	FLOW
		INCHES	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	GALLON	METER	GALLONS	GALLONS	FLOW GAL	GALLONS		GALLONS
	BAL.		3644			1245877			550861			5874						1184402		225267					742310	
1/1/01	Mon		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/2/01	Tue		3644	A	0	1245877	A	0	559859	A	8998	5953	A	79	8998	79	9077	1191581	7179	227534	2267	4912	0	11344	752409	10099
1/3/01	Wed		3644	A	0	1245877	A	0	559859	A	0	6032	A	79	0	79	79	1192829	1248	228782	1248	0	0	1327	757563	5154
1/4/01	Thu		3644	A	0	1245877	A	0	568877	A	9018	6032	A	0	9018	0	9018	1193623	794	229576	794	0	0	9812	762588	5025
1/5/01	Fri		3644	A	0	1245877	A	0	568877	A	0	6111	A	79	0	79	79	1194696	1073	230415	839	234	0	918	772457	9869
1/6/01	Sat		3644	A	0	1246088	A	211	574094	A	5217	6229	A	118	5428	118	5546	1204148	9452	231474	1059	8393	0	6605	774864	2407
1/7/01	Sun	0.10	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/8/01	Mon	0.39	3644	A	0	1257258	A	11170	574094	A	0	6308	A	79	11170	79	11249	1206402	2254	233414	1940	314	0	13189	781051	6187
1/9/01	Tue		3644	A	0	1257258	A	0	574094	A	0	6308	A	0	0	0	0	1210965	4563	234580	1166	3397	0	1166	785833	[illegible]
1/10/01	Wed		3644	A	0	1257735	A	477	574094	A	0	6387	A	79	477	79	556	1214510	3545	235468	888	2657	0	1444	787271	[illegible]
1/11/01	Thu	0.10	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/12/01	Fri		3803	A	159	1263604	A	5869	577976	A	3882	6429	A	42	9751	201	9952	1216638	2128	237587	2119	9	0	12071	795968	8697
1/13/01	Sat	0.01	3803	A	0	1270658	A	7054	577976	A	0	6429	A	0	7054	0	7054	1220039	3401	238764	1177	2224	0	8231	804080	8112
1/14/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/15/01	Mon		3903	A	100	1277719	A	7061	577976	A	0	6429	A	0	7061	100	7161	1222094	2055	240285	1521	534	0	8682	826370	22290
1/16/01	Tue		3903	A	0	1277719	A	0	577976	A	0	6429	A	0	0	0	0	1230111	8017	240888	603	7414	0	603	835710	9340
1/17/01	Wed		4003	A	100	1284736	A	7017	577976	A	0	6429	A	0	7017	100	7117	1237822	7711	242263	1375	6336	0	8492	840268	4558
1/18/01	Thu	0.17	4003	A	0	1284736	A	0	577976	A	0	6429	A	0	0	0	0	1238693	871	243134	871	0	0	871	861391	21123
1/19/01	Fri	0.01	4003	A	0	1291736	A	7000	577976	A	0	6429	A	0	7000	0	7000	1241492	2799	244266	1132	1667	0	8132	875107	13716
1/20/01	Sat		4102	A	99	1291736	A	0	577976	A	0	6429	A	0	0	99	99	1244722	3230	245362	1096	2134	0	1195	885426	10319
1/21/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/22/01	Mon		4203	A	101	1298692	A	6956	577976	A	0	6429	A	0	6956	101	7057	1245661	939	246160	798	141	0	7855	898449	13023
1/23/01	Tue		4203	A	0	1305690	A	6998	577976	A	0	6429	A	0	6998	0	6998	1249095	3434	247687	1527	1907	0	8525	898449	0
1/24/01	Wed		4203	A	0	1305690	A	0	577976	A	0	6429	A	0	0	0	0	1251102	2007	248709	1022	985	0	1022	904423	5974
1/25/01	Thu		4303	A	100	1312266	A	6576	578323	A	347	6429	A	0	6923	100	7023	1265372	14270	249883	1174	13096	0	8197	904437	14
1/26/01	Fri		4304	A	1	1312266	A	0	578323	A	0	6429	A	0	0	1	1	1268724	3352	251057	1174	2178	0	1175	919381	14944
1/27/01	Sat		4403	A	99	1319262	A	6996	578323	A	0	6429	A	0	6996	99	7095	1269631	907	251217	160	747	0	7255	931151	11770
1/28/01	Sun		NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	NR	NR	0	NR	0	NR	NR	NR
1/29/01	Mon		4403	A	0	1326288	A	7026	578323	A	0	6429	A	0	7026	0	7026	1274748	5117	251285	68	5049	0	7094	944162	[illegible]
1/30/01	Tue	0.01	4503	A	100	1326288	A	0	578323	A	0	6429	A	0	0	100	100	1279059	4311	251285	0	4311	0	100	945664	[illegible]
1/31/01	Wed	1.28	4503	A	0	1333344	A	7056	578323	A	0	6429	A	0	7056	0	7056	1280016	957	251285	0	957	0	7056	947088	1424
TOTAL		2.07			859			87467			27462			555	114929	1414	116343		95614		26018	69596	0	142361		204778

PUMP OPERATION CODE
C: CODE COLUMN
A: AUTOMATIC
O: PUMPS OFF
M: MANUAL

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 18 2001
SOUTHWEST DISTRICT TAMPA

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

RECEIVED
JAN 11 2001
Department of Environmental Protection
BY SOUTHWEST DISTRICT

January 9, 2001

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of October, November, and December, 2000 together with the Year to Date Leachate Tracking Summary.

If you should have any questions, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw(Shared/LTC/FordLea1901.Doc)

Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works
(w/Y-T-D summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.51	78065	136431	7	0	214503	0	255245	0	255245	-40742
FEBRUARY	0.78	67724	119757	448	0	187929	0	136901	0	136901	51028
MARCH	0.67	29467	118442	2	0	147911	0	133232	0	133232	14679
APRIL	0.57	14925	105207	420	0	120552	0	117355	0	117355	3197
MAY	0.06	11773	104118	182	0	116073	0	105622	0	105622	10451
JUNE	10.65	18576	170389	1055	0	190020	0	138093	0	138093	51927
JULY	12.32	37488	296954	1258	0	335700	0	480780	0	480780	-145080
AUGUST	4.70	41838	221573	1181	0	264592	0	332490	0	332490	-67898
SEPTEMBER	5.82	38169	197357	1061	0	236587	0	274619	0	274619	-38032
OCTOBER	3.03	40372	137961	1110	0	179443	0	216210	0	216210	-36767
NOVEMBER	0.01	35884	125470	1147	0	162501	0	142872	0	142872	19629
DECEMBER	0.72	27644	116816	943	0	145403	0	119860	0	119860	25543
YTD TOTAL	**40.84**	**441925**	**1850475**	**8814**	**0**	**2301214**	**0**	**2453279**	**0**	**2453279**	**-152065**

HEAVY RAIN INTO TANK => MORE DISPOSAL THAN COLLECTED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/00	0.00	8989	88	681	0	9758	0	8439		8439	
12/2/00	0.00	0	0	950	0	950	0	4118		4118	
12/3/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
12/4/00	0.00	8973	89	1158	0	10220	0	9528		9528	
12/5/00	0.00	0	0	1145	0	1145	0	0		0	
12/6/00	0.00	0	88	604	0	692	0	10755		10755	
12/7/00	0.00	0	0	1891	0	1891	0	2319		2319	
12/8/00	0.00	17985	0	664	0	18649	0	8773		8773	
12/9/00	0.00	0	0	0	0	0	0	0		0	
12/10/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
12/11/00	0.05	8998	88	978	0	10064	0	1460		1460	
12/12/00	0.12	4555	89	1234	0	5878	0	0		0	
12/13/00	0.00	4388	0	692	0	5080	0	5760		5760	
12/14/00	0.00	0	0	1834	0	1834	0	6315		6315	
12/15/00	0.01	8991	87	1172	0	10250	0	4212		4212	
12/16/00	0.00	0	0	86	0	86	0	7715		7715	
12/17/00	0.13	0.0	0.0	0.0	0	0	0	0.0		0.0	
12/18/00	0.00	8894	0	0	0	8894	0	0		0	
12/19/00	0.06	0.0	87	2007	0	2094	0	6553		6553	
12/20/00	0.00	9001	88	2011	0	11100	0	3155		3155	
12/21/00	0.00	0	0	1174	0	1174	0	9		9	
12/22/00	0.00	9011	0	817	0	9828	0	12632		12632	
12/23/00	0.00	0	0	2041	0	2041	0	2		2	
12/24/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
12/25/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
12/26/00	0.00	8991	80	2307	0	11378	0	0		0	
12/27/00	0.05	9014	79	1216	0	10309	0	11230		11230	
12/28/00	0.30	0	0	260	0	260	0	8409		8409	
12/29/00	0.00	9026	80	1129	0	10235	0	5416		5416	
12/30/00	0.00	0	0	1593	0	1593	0	3060		3060	
12/31/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
TOTALS	**0.72**	**116816**	**943**	**27644**	**0**	**145403**	**0**	**119860**	**0**	**119860**	**25543**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/00	0.00	8939	79	1319	0	10337	0	8553		8553	
11/2/00	0.00	0	0	2987	0	2987	0	805		805	
11/3/00	0.00	6780	0	0	0	6780	0	3694		3694	
11/4/00	0.00	0	0	980	0	980	0	8024		8024	
11/5/00	0.00	0.0	0.0	0	0	0	0	0.0		0	
11/6/00	0.00	11236	0	2197	0	13433	0	9208		9208	
11/7/00	0.01	2465	164	1968	0	4597	0	2135		2135	
11/8/00	0.00	6837	0	1498	0	8335	0	6611		6611	
11/9/00	0.00	0	103	1450	0	1553	0	4045		4045	
11/10/00	0.00	5230	131	1186	0	6547	0	4578		4578	
11/11/00	0.00	4498	0	198	0	4696	0	10537		10537	
11/12/00	0.00	0.0	0.0	0	0	0	0	0.0		0	
11/13/00	0.00	6892	0	3242	0	10134	0	0		0	
11/14/00	0.00	6879	0	726	0	7605	0	7425		7425	
11/15/00	0.00	0	170	1535	0	1705	0	3786		3786	
11/16/00	0.00	6858	0	1251	0	8109	0	10457		10457	
11/17/00	0.00	1189	92	1227	0	2508	0	6680		6680	
11/18/00	0.00	5698	52	1793	0	7543	0	7559		7559	
11/19/00	0.00	0.0	0.0	0	0	0	0	0.0		0	
11/20/00	0.00	6857	0	120	0	6977	0	6730		6730	
11/21/00	0.00	8880	91	1626	0	10597	0	4727		4727	
11/22/00	0.00	0	0	2021	0	2021	0	4073		4073	
11/23/00	0.00	0.0	0.0	0	0	0	0	0		0	
11/24/00	0.00	9007	89	2258	0	11354	0	14515		14515	
11/25/00	0.00	0	88	59	0	147	0	0		0	
11/26/00	0.00	0.0	0.0	0	0	0	0	0.0		0	
11/27/00	0.00	18203	0	3605	0	21808	0	6249		6249	
11/28/00	0.00	0	0	335	0	335	0	7897		7897	
11/29/00	0.00	9022	88	1691	0	10801	0	1357		1357	
11/30/00	0.00	0	0	612	0	612	0	3227		3227	
TOTALS	**0.01**	**125470**	**1147**	**35884**	**0**	**162501**	**0**	**142872**	**0**	**142872**	**19629**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
10/2/00	0.00	8744	87	3788	0	12619	0	18132		18132	
10/3/00	0.00	6648	0	1227.0	0	7875	0	0		0	
10/4/00	0.03	6622	43	1358	0	8023	0	17961		17961	
10/5/00	0.00	0.0	43	1571	0	1614	0	11493		11493	
10/6/00	0.00	6667	63	260	0	6990	0	9984		9984	
10/7/00	3.00	6712	0	1929	0	8641	0	10647		10647	
10/8/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
10/9/00	0.00	6671	89	1764	0	8524	0	19020		19020	
10/10/00	0.00	6556	88	2249	0	8893	0	3455		3455	
10/11/00	0.00	8777	0	1167	0	9944	0	12249		12249	
10/12/00	0.00	0.0	0.0	1348	0	1348	0	16654		16654	
10/13/00	0.00	6701	79	1611	0	8391	0	3084		3084	
10/14/00	0.00	0	1	910	0	911	0	5867		5867	
10/15/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
10/16/00	0.00	13416	110	1102	0	14628	0	18526		18526	
10/17/00	0.00	0	0	2766	0	2766	0	0		0	
10/18/00	0.00	9255	113	247	0	9615	0	19943		19943	
10/19/00	0.00	0	0.0	1865	0	1865	0	5286		5286	
10/20/00	0.00	8916	0	726	0	9642	0	9398		9398	
10/21/00	0.00	0	107	1162	0	1269	0	0		0	
10/22/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
10/23/00	0.00	6743	0	2330	0	9073	0	0		0	
10/24/00	0.00	6855	118	1763	0	8736	0	15212		15212	
10/25/00	0.00	6802	0	1192	0	7994	0	9847		9847	
10/26/00	0.00	0.0	0.0	1603	0	1603	0	0		0	
10/27/00	0.00	5811	103	1161	0	7075	0	5738		5738	
10/28/00	0.00	0	0	1080	0	1080	0	0		0	
10/29/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
10/30/00	0.00	16065	66	3106	0	19237	0	0		0	
10/31/99	0.00	0	0	1087	0	1087	0	3714		3714	
TOTALS	**3.03**	**137961**	**1110**	**40372**	**0**	**179443**	**0**	**216210**	**0**	**216210**	**-36767**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION
P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

October 10, 2000

D.E.P.
OCT 16 2000
Southwest District Tampa

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months July, August and September 2000, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-SWM:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.51	78065	136431	7	0	214503	0	255245	0	255245	-40742
FEBRUARY	0.78	67724	119757	448	0	187929	0	136901	0	136901	51028
MARCH	0.67	29467	118442	2	0	147911	0	133232	0	133232	14679
APRIL	0.57	14925	105207	420	0	120552	0	117355	0	117355	3197
MAY	0.06	11773	104118	182	0	116073	0	105622	0	105622	10451
JUNE	10.65	18576	170389	1055	0	190020	0	138093	0	138093	51927
JULY	12.32	37488	296954	1258	0	335700	0	480780	0	480780	-145080
AUGUST	4.70	41838	221573	1181	0	264592	0	332490	0	332490	-67898
SEPTEMBER	5.82	38169	197357	1061	0	236587	0	274619	0	274619	-38032
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**37.08**	**338025**	**1470228**	**5614**	**0**	**1813867**	**0**	**1974337**	**0**	**1974337**	**-160470**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/00	0.39	6691	0	1188	0	7879	0	10480		10480	
9/2/00	0.29	0	89	1570	0	1659	0	7310		7310	
9/3/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
9/4/00	0.00	17669	0	3058	0	20727	0	16510		16510	
9/5/00	0.44	1759	79	938.0	0	2776	0	0		0	
9/6/00	0.57	6744	0	832	0	7576	0	19484		19484	
9/7/00	0.42	6686	89	666	0	7441	0	10635		10635	
9/8/00	0.00	6614	0	840	0	7454	0	10879		10879	
9/9/00	0.00	6630	0	1649	0	8279	0	12812		12812	
9/10/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
9/11/00	0.00	8634	88	0	0	8722	0	0		0	
9/12/00	0.00	8683	0.0	588	0	9271	0	22265		22265	
9/13/00	0.05	8743	88	3021	0	11852	0	9971		9971	
9/14/00	0.00	0	0	1500	0	1500	0	9420		9420	
9/15/00	0.00	8679	0	2683	0	11362	0	10080		10080	
9/16/00	0.00	6656	121	1351	0	8128	0	10430		10430	
9/17/00	1.76	0.0	0.0	0.0	0	0.0	0	0.0		0	
9/18/00	0.00	13562	1	2477	0	16040	0	13817		13817	
9/19/00	0.85	6589	104.0	1326.0	0	8019	0	6799		6799	
9/20/00	0.37	6512	0	1390	0	7902	0	11093		11093	
9/21/00	0.00	13146	56	1477	0	14679	0	11575		11575	
9/22/00	0.00	6507	0	346	0	6853	0	10171		10171	
9/23/00	0.00	12508	76	1022	0	13606	0	11599		11599	
9/24/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
9/25/00	0.00	13721	48	3834	0	17603	0	15709		15709	
9/26/00	0.68	8695	88	1683.0	0	10466	0	0		0	
9/27/00	0.00	0	0	1349	0	1349	0	16831		16831	
9/28/00	0.00	6648	81	258	0	6987	0	10147		10147	
9/29/00	0.00	6567	0	2757	0	9324	0	10560		10560	
9/30/00	0.00	8714	53	366	0	9133	0	6042		6042	
TOTALS	**5.82**	**197357**	**1061**	**38169**	**0**	**236587**	**0**	**274619**	**0**	**274619**	**-38032**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/00	0.22	6748	87	1311	0	8146	0	8566		8566	
8/2/00	0.15	0	93	1537	0	1630	0	5051		5051	
8/3/00	0.52	10658	0	1645	0	12303	0	23575		23575	
8/4/00	0.00	9464	0	349	0	9813	0	8284		8284	
8/5/00	0.44	8148	0	1641	0	9789	0	18133		18133	
8/6/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
8/7/00	0.00	13507	92	2411	0	16010	0	10308		10308	
8/8/00	0.00	6776	89	1570	0	8435	0	6602		6602	
8/9/00	0.03	6790	0	2293	0	9083	0	4751		4751	
8/10/00	0.02	2217	90	1386	0	3693	0	19875		19875	
8/11/00	0.07	4539	0	1340	0	5879	0	2787		2787	
8/12/00	1.10	6793	0	294	0	7087	0	17378		17378	
8/13/00	1.62	0.0	0.0	0.0	0	0	0	0.0		0	
8/14/00	0.10	19830	89	3229	0	23148	0	17036		17036	
8/15/00	0.00	13149	88	1709	0	14946	0	9400		9400	
8/16/00	0.00	8772	0	1373	0	10145	0	9720		9720	
8/17/00	0.00	10339	109	338	0	10786	0	3177		3177	
8/18/00	0.00	13593	0	2471	0	16064	0	18010		18010	
8/19/00	0.00	6788	0	1486	0	8274	0	9264		9264	
8/20/00	0.09	0.0	0.0	0.0	0	0	0	0.0		0	
8/21/00	0.00	18951	89	1435	0	20475	0	13819		13819	
8/22/00	0.31	0	88	2470	0	2558	0	8910		8910	
8/23/00	0.03	8870	0	359	0	9229	0	18858		18858	
8/24/00	0.00	8864	90	2055	0	11009	0	17853		17853	
8/25/00	0.00	595	0	1584	0	2179	0	18557		18557	
8/26/00	0.00	9328	88	1579	0	10995	0	21131		21131	
8/27/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
8/28/00	0.00	13368	0	1073	0	14441	0	13176		13176	
8/29/00	0.00	0	89	2880	0	2969	0	8304		8304	
8/30/00	0.00	6751	0	1392	0	8143	0	19965		19965	
8/31/00	0.00	6735	0	628	0	7363	0	0			
TOTALS	**4.70**	**221573**	**1181**	**41838**	**0**	**264592**	**0**	**332490**	**0**	**332490**	**-67898**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/00	0.11	14660	87	880	0	15627	0	9823		9823	
7/2/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/3/00	0.00	28100	88	2068	0	30256	0	15859		15859	
7/4/00	1.41	6979	86	1406	0	8471	0	11098		11098	
7/5/00	0.00	10220	0.0	911	0	11131	0	8100		8100	
7/6/00	0.00	7432	85	1589	0	9106	0	17073		17073	
7/7/00	0.00	7307	0	754	0	8061	0	17773		17773	
7/8/00	0.00	6874	0	2215	0	9089	0	16414		16414	
7/9/00	0.66	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/10/00	0.00	17501	85	2490	0	20076	0	30477		30477	
7/11/00	0.00	0	0	1044	0	1044	0	0		0	
7/12/00	0.00	7057	94.0	1277	0	8428	0	16867		16867	
7/13/00	0.11	6807	0	992	0	7799	0	9382		9382	
7/14/00	1.21	6788	103	956	0	7847	0	12305		12305	
7/15/00	1.33	6767	0	164	0	6931	0	17360		17360	
7/16/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/17/00	3.48	13130	0	3470	0	16600	0	20092		20092	
7/18/00	2.16	8660	79	1061	0	9800	0	6877		6877	
7/19/00	0.00	27316	81.0	2182	0	29579	0	17854		17854	
7/20/00	0.00	16220	152	352	0	16724	0	21385		21385	
7/21/00	0.00	13944	0	1005	0	14949	0	24309		24309	
7/22/00	0.00	6918	7	1012	0	7937	0	23638		23638	
7/23/00	0.33	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/24/00	1.04	16479	52	3211	0	19742	0	45752		45752	
7/25/00	0.00	17702	82	1352	0	19136	0	19950		19950	
7/26/00	0.00	6703	0.0	1683	0	8386	0	16015		16015	
7/27/00	0.00	7950	0	1677	0	9627	0	25567		25567	
7/28/00	0.02	8369	89	338	0	8796	0	28099		28099	
7/29/00	0.04	6777	0	1734	0	8511	0	26217		26217	
7/30/00	0.20	0.0	0.0	0.0	0	0.0	0	0.0		0	
7/31/00	0.22	20294	88	1665	0	22047	0	22494		22494	
TOTALS	**12.32**	**296954**	**1258**	**37488**	**0**	**335700**	**0**	**480780**	**0**	**480780**	**-145080**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

ENGINEERING DIVISION:
Suite 241
352-527-5446 Phone
352-527-5476 Fax

- Land Section
  Suite 205
  352-527-5447 Phone
  352-527-5459 Fax
- Permits & Compliance Sec.
  Suite 204
  352-527-5448 Phone
  352-527-5319 Fax
- Project Management Sec.
  Suite 241
  352-527-5449 Phone
  352-527-5482 Fax
- Survey Section
  Suite 241
  352-527-5446 Phone
  352-527-5482 Fax

600 S. LECANTO HIGHWAY
LECANTO, FLORIDA 34461

MAINTENANCE OPERATIONS:
- Facilities Maint. Section
  PO Box 143
  Lecanto, FL 34460
  352-527-0333 Phone
  352-527-0654 Fax
- Fleet Management Section
  PO Box 215
  Lecanto, FL 34460
  352-746-6888 Phone
  352-746-5011 Fax

AQUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

D.E.P.

JUL 12 2000

Southwest District Tampa

July 6, 2000

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of April, May, and June, together with the Year to Date Leachate Tracking Summary.

For Informational purposes: the Number 4 Secondary meter for the 80 Acre Site was off-line for repairs 5/12 through 6/16/00.

We have revised the reporting process, effective this quarter, to show the 7-acre flow after recirculation.

If you should have any questions, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw(Shared/LTC/FordLea7600.Doc)

Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works
(w/Y-T-D summary)

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.51	78065	136431	7	0	214503	0	255245	0	255245	-40742
FEBRUARY	0.78	67724	119757	448	0	187929	0	136901	0	136901	51028
MARCH	0.67	29467	118442	2	0	147911	0	133232	0	133232	14679
APRIL	0.57	14925	105207	420	0	120552	0	117355	0	117355	3197
MAY	0.06	11773	104118	182	0	116073	0	105622	0	105622	10451
JUNE	10.65	18576	170389	1055	0	190020	0	138093	0	138093	51927
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**14.24**	**220530**	**754344**	**2114**	**0**	**976988**	**0**	**886448**	**0**	**886448**	**90540**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE		RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/00		0.00	0	0.0	922	0	922	0	13549		13549	
6/2/00		0.00	8624	0.0	476	0	9100	0	2749		2749	
6/3/00		0.00	0	0.0	1331	0	1331	0	4700		4700	
6/4/00		0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
6/5/00		0.00	8656	104	874	0	9634	0	8857		8857	
6/6/00		0.00	394	2	17	0	413	0	277		277	
6/7/00		0.00	8700	76	0	0	8776	0	6640		6640	
6/8/00		0.00	0	0.0	0	0	0	0	37		37	
6/9/00		0.00	0	0.0	43	0	43	0	6855		6855	
6/10/00		0.00	5979	177	159	0	6315	0	7227		7227	
6/11/00		0.21	0.0	0.0	0.0	0	0	0	0.0		0.0	
6/12/00		1.11	7072	11	440	0	7523	0	1943		1943	
6/13/00		0.27	3074	0.0	923	0	3997	0	0		0	
6/14/00		1.04	6563	84	4817	0	11464	0	12214		12214	
6/15/00		0.68	0	0.0	226	0	226	0	1509		1509	
6/16/00		0.00	6918	91	171	0	7180	0	5996		5996	
6/17/00		0.85	6841	0	333	0	7174	0	4461		4461	
6/18/00		0.00	0.0	0.0	0.0	0	0	0	0.0		0.0	
6/19/00		0.11	13613	87	297	0	13997	0	10130		10130	
6/20/00		0.05	6848	88	273	0	7209	0	0		0	
6/21/00		0.35	6786	0	163	0	6949	0	8894		8894	
6/22/00		0.00	6878	87	1721	0	8686	0	1882		1882	
6/23/00		0.00	2273	0	1702	0	3975	0	9596		9596	
6/24/00		0.00	4560	0	517	0	5077	0	0		0	
6/25/00		1.45	0.0	0.0	0.0	0	0	0	0.0		0.0	
6/26/00		1.30	15034	161	1263	0	16458	0	8178		8178	
6/27/00		1.10	9121	0	207	0	9328	0	1		1	
6/28/00		0.00	14169	0	606	0	14775	0	13257		13257	
6/29/00		0.73	14038	87	263	0	14388	0	4527		4527	
6/30/00		1.40	14248	0	832	0	15080	0	4614		4614	
TOTALS		**10.65**	**170389**	**1055**	**18576**	**0**	**190020**	**0**	**138093**	**0**	**138093**	**51927**

0.0 represents No Reading

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/00	0.00	4643	0	48	0	4691	0	8529		8529	
5/2/00	0.00	1250	19	414	0	1683	0	3682		3682	
5/3/00	0.00	8079	0	1034	0	9113	0	8542		8542	
5/4/00	0.00	530	0	0.0	0	530	0	1235		1235	
5/5/00	0.00	1243	0	361	0	1604	0	4874		4874	
5/6/00	0.00	621	0.0	345	0	966	0	3886		3886	
5/7/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/8/00	0.00	11670	1	0.0	0	11671	0	0		0.0	
5/9/00	0.00	328	4	408	0	740	0	8456		8456	
5/10/00	0.00	5911	0.0	477	0	6388	0	3201		3201	
5/11/00	0.00	7768	2	62	0	7832	0	4640		4640	
5/12/00	0.00	149	0.0	1144	0	1293	0	6033		6033	
5/13/00	0.00	5144	0.0	399	0	5543	0	1422		1422	
5/14/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/15/00	0.00	4772	0.0	733	0	5505	0	8601		8601	
5/16/00	0.00	5500	0.0	351	0	5851	0	0.0		0.0	
5/17/00	0.00	193	0.0	349	0	542	0	433		433	
5/18/00	0.00	7548	0.0	0.0	0	7548	0	7307		7307	
5/19/00	0.00	81	0.0	347	0	428	0	0		0.0	
5/20/00	0.00	385	0.0	352	0	737	0	4396		4396	
5/21/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/22/00	0.00	4364	0.0	655	0	5019	0	10665		10665	
5/23/00	0.00	8729	0.0	1880	0	10609	0	0		0.0	
5/24/00	0.00	4934	0.0	317	0	5251	0	2640		2640	
5/25/00	0.00	2989	0.0	224	0	3213	0	4894		4894	
5/26/00	0.00	3951	0.0	0	0	3951	0	6819		6819	
5/27/00	0.00	1349	0.0	7	0	1356	0	15		15	
5/28/00	0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
5/29/00	0.06	5354	6	369	0	5729	0	2419		2419	
5/30/00	0.00	6633	136	795	0	7564	0	525		525	
5/31/00	0.00	0	14	702	0	716	0	2408		2408	
TOTALS	**0.06**	**104118**	**182**	**11773**	**0**	**116073**	**0**	**105622**	**0**	**105622**	**10451**

0.0 represents No Reading

Note: 80 acre secondary meter off-line 5/12-5/28/00 for repairs

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE		RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/00		0.00	5517	0	357	0	5874	0	2995		2995	
4/2/00		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/3/00		0.00	5562	0	767	0	6329	0	8140		8140	
4/4/00		0.02	898	0	489	0	1387	0	0.0		0	
4/5/00		0.00	5151	0	440	0	5591	0	11854		11854	
4/6/00		0.00	5579	0	394	0	5973	0	4937		4937	
4/7/00		0.00	5534	0	372	0	5906	0	8904		8904	
4/8/00		0.00	0	0	427	0	427	0	0		0	
4/9/00		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/10/00		0.00	5540	0	1459	0	6999	0	9718		9718	
4/11/00		0.00	5603	0	310	0	5913	0	0		0	
4/12/00		0.00	5588	0	315	0	5903	0	139		139	
4/13/00		0.14	0	0	282	0	282	0	7617		7617	
4/14/00		0.40	5587	0	353	0	5940	0	4314		4314	
4/15/00		0.00	5608	0	318	0	5926	0	2861		2861	
4/16/00		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/17/00		0.00	5558	420	0	0	5978	0	6545		6545	
4/18/00		0.01	5611	0	1142	0	6753	0	2589		2589	
4/19/00		0.00	0	0	696	0	696	0	7948		7948	
4/20/00		0.00	5555	0	673	0	6228	0	4362		4362	
4/21/00		0.00	5573	0	1408	0	6981	0	5488		5488	
4/22/00		0.00	5577	0	338	0	5915	0	4454		4454	
4/23/00		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
4/24/00		0.00	5571	0	920	0	6491	0	4969		4969	
4/25/00		0.00	3626	0	1512	0	5138	0	4161		4161	
4/26/00		0.00	2000	0	150	0	2150	0	4830		4830	
4/27/00		0.00	5618	0	389	0	6007	0	8195		8195	
4/28/00		0.00	0	0	153	0	153	0	2077		2077	
4/29/00		0.00	4351	0	1261	0	5612	0	258		258	
4/30/00		0.00	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
TOTALS		**0.57**	**105207**	**420**	**14925**	**0**	**120552**	**0**	**117355**	**0**	**117355**	**3197**

0.0 represents No Reading

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230 W. Gulf to Lake Highway
PO Box 340
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352-746-5000 Phone
352-527-1204 Fax

RECEIVED
APR 10 2000
Department of Environmental Protection
BY SOUTHWEST DISTRICT

April 4, 2000

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of January, February, and March, together with the Year to Date Leachate Tracking Summary.

Please note that the 7-acre lift stations were out of service for several days during mid-January when the power panels were moved away from the lift stations. In addition, after the explosion that occurred in the east side lift station on January 28, both lift stations were turned off until repairs were made. They were placed back in service on February 18.

The reason that the column in the tables marked "7-acre flow" does not show zero flow during this time period is that the electronic meter includes the treatment plant lift station flow as well. Therefore, drainage from the sludge drying beds, treatment plant filter backwash, sludge digester decanting and cleaning of effluent storage tanks contribute to the total. This has been the case since Phase 1A was constructed.

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We did not remove the mechanical flow meter that measures 7-acre lift station flow and can have that data included in the next report if you feel that is necessary.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw(Shared/LTC/FordLea.Doc)

Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D summary)

CITRUS COUNTY CENTRAL LANDFILL

LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	1.51	78065	136431	7	0	214503	0	255245	0	255245	-40742
FEBRUARY	0.78	67724	119757	448	0	187929	0	136901	0	136901	51028
MARCH	0.67	29467	118442	2	0	147911	0	133232	0	133232	14679
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**2.96**	**175256**	**374630**	**457**	**0**	**550343**	**0**	**525378**	**0**	**525378**	**24965**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE		RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/00		0.00	3354	1	1913	0	5268	0	5923		5923	
3/2/00		0.00	2126	0	1969	0	4095	0	10553		10553	
3/3/00		0.00	5483	0	2028.0	0	7511	0	6207		6207	
3/4/00		0.00	5506	0	4060	0	9566	0	6466		6466	
3/5/00		0.05	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/6/00		0.00	5484	0	2211	0	7695	0	11649		11649	
3/7/00		0.00	184	0	8101	0	8285	0	558		558	
3/8/00		0.00	7323	0	817	0	8140	0	6621		6621	
3/9/00		0.00	5581	0	383	0	5964	0	12364		12364	
3/10/00		0.00	5543	0	377	0	5920	0	1072		1072	
3/11/00		0.00	0	0	379	0	379	0	8178		8178	
3/12/00		0.16	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/13/00		0.00	11042	0	778.0	0	11820	0	18475		18475	
3/14/00		0.00	0	0	382	0	382	0	2		2	
3/15/00		0.00	5494	1	385	0	5880	0	0.0		0.0	
3/16/00		0.00	5539	0	380	0	5919	0	0.0		0.0	
3/17/00		0.00	5556	0	384	0	5940	0	0.0		0.0	
3/18/00		0.06	0	0	382	0	382	0	0.0		0.0	
3/19/00		0.01	0.0	0.0	0.0	0	0.0	0	0.0		0.0	
3/20/00		0.01	11066	0	765	0	11831	0	0.0		0.0	
3/21/00		0.00	387	0	379	0	766	0	4077		4077	
3/22/00		0.00	5557	0	0	0	5557	0	141		141	
3/23/00		0.00	5546	0	373	0	5919	0	9865		9865	
3/24/00		0.00	0	0	764	0	764	0	52		52	
3/25/00		0.00	5561	0	0	0	5561	0	0.0		0.0	
3/26/00		0.06	0.0	0.0	0.0	0	0.0	0	11833		11833	
3/27/00		0.12	5563	0	751	0	6314	0	5169		5169	
3/28/00		0.00	5556	0	390	0	5946	0	4865		4865	
3/29/00		0.06	5508	0	373	0	5881	0	3424		3424	
3/30/00		0.13	0	0	370	0	370	0	5738		5738	
3/31/00		0.01	5483	0	373	0	5856	0	133232	0	133232	14679
TOTALS		0.67	118442	2	29467	0	147911	0				

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

0.0 represents No Reading

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
2/1/00	0.05	0	0	378	0	378	0	9165		9165	
2/2/00	0.01	5466	0	150	0	5616	0	0.0		0	
2/3/00	0.00	5424	0	4144	0	9568	0	10145		10145	
2/4/00	0.00	5566	0	472	0	6038	0	14645		14645	
2/5/00	0.00	0	0	8302	0	8302	0	10047		10047	
2/6/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/7/00	0.00	10878	0	2537	0	13415	0	4024		4024	
2/8/00	0.00	1	1	0.0	0	2	0	4821		4821	
2/9/00	0.00	6137	443	75	0	6655	0	6967		6967	
2/10/00	0.00	5441	2	1704	0	7147	0	6672		6672	
2/11/00	0.00	5481	0	73	0	5554	0	0.0		0	
2/12/00	0.00	5461	1	0.0	0	5462	0	5666		5666	
2/13/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/14/00	0.71	5457	0	4435	0	9892	0	0.0		0	
2/15/00	0.01	1382	0	7644	0	9026	0	8415		8415	
2/16/00	0.00	7677	0	224	0	7901	0	6039		6039	
2/17/00	0.00	5423	0	71	0	5494	0	2278		2278	
2/18/00	0.00	5450	0	1058	0	6508	0	4315		4315	
2/19/00	0.00	0	0	3546	0	3546	0	3511		3511	
2/20/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/21/00	0.00	10818	1	6127	0	16946	0	5014		5014	
2/22/00	0.00	868	0	73	0	941	0	8949		8949	
2/23/00	0.00	5425	0	0.0	0	5425	0	893		893	
2/24/00	0.00	5494	0	4911	0	10405	0	3014		3014	
2/25/00	0.00	5469	0	10862	0	16331	0	4216		4216	
2/26/00	0.00	5491	0	2655	0	8146	0	9949		9949	
2/27/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
2/28/00	0.00	5461	0	4234	0	9695	0	2652		2652	
2/29/00	0.00	5487	0	4049	0	9536	0	5504		5504	
TOTALS	0.78	119757	448	67724	0	187929	0	136901	0	136901	51028

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

cjw

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/00	0.00	5468	0	207	0	5675	0	18823		18823	
1/2/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
1/3/00	0.00	10815	0	6374	0	17189	0	18149		18149	
1/4/00	0.00	1647	0	7717	0	9364	0	0.0		0	
1/5/00	0.00	3783	3.0	5725	0	9511	0	5507		5507	
1/6/00	0.02	5385	1	5860	0	11246	0	12964		12964	
1/7/00	0.00	2012	0	1916	0	3928	0	8976		8976	
1/8/00	0.00	1759	0	3918	0	5677	0	17594		17594	
1/9/00	0.02	0.0	0.0	0.0	0	0	0	0.0		0	
1/10/00	0.09	9211	2	3476	0	12689	0	14364		14364	
1/11/00	0.00	8149	0	1003	0	9152	0	0.0		0	
1/12/00	0.00	5508	0.0	4116	0	9624	0	11114		11114	
1/13/00	0.00	5399	0	1354	0	6753	0	9432		9432	
1/14/00	0.01	25	0	1403	0	1428	0	7557		7557	
1/15/00	0.00	0	0	0.0	0	0	0	0.0		0	
1/16/00	0.00	6252	0	2772	0	9024	0	0		0	
1/17/00	0.00	6012	0	1313	0	7325	0	7622		7622	
1/18/00	0.00	5403	0	2769	0	8172	0	11969		11969	
1/19/00	0.02	133	0.0	0.0	0	133	0	7339		7339	
1/20/00	0.00	9000	0	77	0	9077	0	16043		16043	
1/21/00	0.00	6311	0	2205	0	8516	0	10430		10430	
1/22/00	0.00	5528	0	3464	0	8992	0	2835		2835	
1/23/00	0.31	0.0	0.0	0.0	0	0	0	0		0	
1/24/00	0.34	5532	0	4035	0	9567	0	15003		15003	
1/25/00	0.00	5596	0	10400	0	15996	0	0		0	
1/26/00	0.00	5610	0.0	3239	0	8849	0	15910		15910	
1/27/00	0.00	0	0	2211	0	2211	0	12205		12205	
1/28/00	0.06	5429	0	718	0	6147	0	1764		1764	
1/29/00	0.26	5498	1	1718	0	7217	0	15475		15475	
1/30/00	0.00	0.0	0.0	0.0	0	0	0	0.0		0	
1/31/00	0.38	10966	0	75	0	11041	0	14170		14170	
TOTALS	1.51	136431	7	78065	0	214503	0	255245	0	255245	-40742

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

JAN 18 2000
SOUTHWEST DISTRICT
BY

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352-527-1204 Fax

January 11, 2000

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November, and December 1999, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-SWM:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS
1999

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.26	92713	125130	555	0	218398	0	233717	0	233717	-15319
FEBRUARY	0.81	60609	103491	0	0	164100	0	69622	0	69622	94478
MARCH	1.89	71775	110706	292	0	182773	93859	100314	0	194173	-11400
APRIL	0.84	60391	95067	333	0	155791	0	213320	0	213320	-57529
MAY	1.60	76974	92326	1629	0	170929	0	220605	0	220605	-49676
JUNE	9.18	54588	254204	4933	0	313725	0	182727	0	182727	130998
JULY	5.11	83409	254830	399	0	338638	0	306019	0	306019	32619
AUGUST	11.31	103896	278373	495	0	382764	0	392943	0	392943	-10179
SEPTEMBER	5.57	47120	242454	628	0	290202	0	337622	0	337622	-47420
OCTOBER	2.57	52416	199951	0	0	252367	0	247420	0	247420	4947
NOVEMBER	2.56	127062	188182	13233	0	328477	0	127773	42053	169826	158651
DECEMBER	1.34	88397	149694	658	0	238749	0	246541	0	246541	-7792
YTD TOTAL	**45.04**	**919350**	**2094408**	**23155**	**0**	**3036913**	**93859**	**2678623**	**42053**	**2814535**	**222378**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/99	0.00	5508	3	8159	0	13670	0	13009	0	13009	
12/2/99	0.00	5496	0	1363	0	6859	0	5260	0	5260	
12/3/99	0.00	3525	0	0.0	0	3525	0	16741	0	16741	
12/4/99	0.12	7037	0	2935	0	9972	0	9030	0	9030	
12/5/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
12/6/99	0.08	5894	0	3053	0	8947	0	0.0	0	0	
12/7/99	0.00	5485	0	12033	0	17518	0	0.0	0	0	
12/8/99	0.01	5446	0	4755	0	10201	0	5352	0	5352	
12/9/99	0.00	5465	0	1769	0	7234	0	15673	0	15673	
12/10/99	0.01	5476	653	7835	0	13964	0	7887	0	7887	
12/11/99	0.03	5475	0	2355	0	7830	0	7849	0	7849	
12/12/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
12/13/99	0.52	10872	0	0.0	0	10872	0	6614	0	6614	
12/14/99	0.00	5414	0	5095	0	10509	0	25483	0	25483	
12/15/99	0.00	5	0	1886	0	1891	0	4617	0	4617	
12/16/99	0.00	0	1	1892	0	1893	0	7294	0	7294	
12/17/99	0.18	0	0	1334	0	1334	0	19284	0	19284	
12/18/99	0.38	17134	0	2033	0	19167	0	8393	0	8393	
12/19/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
12/20/99	0.00	10852	0	9045	0	19897	0	15730	0	15730	
12/21/99	0.00	185	0	2269	0	2454	0	940	0	940	
12/22/99	0.00	3362	0	1020	0	4382	0	9047	0	9047	
12/23/99	0.00	8909	0	3859	0	12768	0	12242	0	12242	
12/24/99	0.01	5433	1	1813	0	7247	0	11818	0	11818	
12/25/99	0.00	5482	0	1366	0	6848	0	9349	0	9349	
12/26/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
12/27/99	0.00	10870	0	3163	0	14033	0	8838	0	8838	
12/28/99	0.00	5476	0	2351	0	7827	0	2235	0	2235	
12/29/99	0.00	5422	0	4017	0	9439	0	8784	0	8784	
12/30/99	0.00	40	0	945	0	985	0	10295	0	10295	
12/31/99	0.00	5431	0	2052	0	7483	0	4777	0	4777	
TOTALS	**1.34**	**149694**	**658**	**88397**	**0**	**238749**	**0**	**246541**	**0**	**246541**	**-7792**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP*	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE*	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/99	2.04	11091	0	6860	0	17951	0	16029	0	16029	
11/2/99	0.01	11034	0	7481	0	18515	0	0.0	0	0	
11/3/99	0.00	5408	0	2427	0	7835	0	5350	0	5350	
11/4/99	0.00	5526	0	10463	0	15989	0	6422	0	6422	
11/5/99	0.00	6224	0	19202	0	25426	0	0.0	0	0	
11/6/99	0.00	20284	0	11685	0	31969	0	0.0	0	0	
11/7/99	0.00	0.0	0.0	0.0	0	0	0	0.0	24132	24132	
11/8/99	0.00	0.0	0	5407	0	5407	0	0.0	0	0	
11/9/99	0.00	12836	12836	2608	0	28280	0	0.0	17921	17921	
11/10/99	0.00	0	0	8649	0	8649	0	0.0	0	0	
11/11/99	0.00	13121	0	9640	0	22761	0	0.0	0	0	
11/12/99	0.00	4702	383	1848	0	6933	0	33126	0	33126	
11/13/99	0.00	6019	0	2126	0	8145	0	0.0	0	0	
11/14/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
11/15/99	0.00	10150	0	4029	0	14179	0	1574	0	1574	
11/16/99	0.01	6335	0	2877	0	9212	0	5571	0	5571	
11/17/99	0.00	1873	0	1943	0	3816	0	0.0	0	0	
11/18/99	0.00	9266	0	277	0	9543	0	0.0	0	0	
11/19/99	0.00	6125	1	7312	0	13438	0	0.0	0	0	
11/20/99	0.02	0.0	7	2629	0	2636	0	0.0	0	0	
11/21/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
11/22/99	0.00	16219	0	3132	0	19351	0	2158	0	2158	
11/23/99	0.00	3335	0	1768	0	5103	0	9824	0	9824	
11/24/99	0.01	5545	1	1451	0	6997	0	10239	0	10239	
11/25/99	0.47	5563	0	4096	0	9659	0	12318	0	12318	
11/26/99	0.00	5545	0	1899	0	7444	0	12739	0	12739	
11/27/99	0.00	5514	0	2259	0	7773	0	12739	0	12739	
11/28/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
11/29/99	0.00	10968	1	3204	0	14173	0	12423	0	12423	
11/30/99	0.00	5499	4	1790	0	7293	0	0.0	0	0	
TOTALS	**2.56**	**188182**	**13233**	**127062**	**0**	**328477**	**0**	**127773**	**42053**	**169826**	**158651**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/99	0.00	5657	0	1451	0	7108	0	12199	0	12199	
10/2/99	0.00	11418	0	1824	0	13242	0	8303	0	8303	
10/3/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
10/4/99	0.10	11301	0	3636	0	14937	0	16728	0	16728	
10/5/99	0.06	8412	0	1481	0	9893	0	0.0	0	0	
10/6/99	0.00	8480	0	1479	0	9959	0	21592	0	21592	
10/7/99	1.17	5638	0	2064	0	7702	0	10918	0	10918	
10/8/99	0.00	5639	0	387	0	6026	0	12814	0	12814	
10/9/99	0.00	5546	0	2674	0	8220	0	8685	0	8685	
10/10/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
10/11/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
10/12/99	0.00	22303	0	5078	0	27381	0	30749	0	30749	
10/13/99	0.01	5589	0	1441	0	7030	0	6170	0	6170	
10/14/99	0.00	11036	0	1824	0	12860	0	15216	0	15216	
10/15/99	0.03	5528	0	1817	0	7345	0	12208	0	12208	
10/16/99	0.51	5530	0	1777	0	7307	0	9534	0	9534	
10/17/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
10/18/99	0.00	10998	0	2995	0	13993	0	19158	0	19158	
10/19/99	0.17	5496	0	1607	0	7103	0	0.0	0	0	
10/20/99	0.52	8794	0	1474	0	10268	0	11038	0	11038	
10/21/99	0.00	7778	0	1587	0	9365	0	0.0	0	0	
10/22/99	0.00	5478	0	1848	0	7326	0	8018	0	8018	
10/23/99	0.00	5509	0	19	0	5528	0	6255	0	6255	
10/24/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
10/25/99	0.00	10876	0	4530	0	15406	0	9447	0	9447	
10/26/99	0.00	9031	0	1475	0	10506	0	3055	0	3055	
10/27/99	0.00	7452	0	1091	0	8543	0	8777	0	8777	
10/28/99	0.00	5473	0	853	0	6326	0	4633	0	4633	
10/29/99	0.00	5485	0	2460	0	7945	0	5743	0	5743	
10/30/99	0.00	5504	0	5544	0	11048	0	6180	0	6180	
10/31/99	0.00	0.0	0.0	0.0				0.0			
TOTALS	**2.57**	**199951**	**0**	**52416**	**0**	**252367**	**0**	**247420**	**0**	**247420**	**4947**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

ENGINEERING DIVISION:
Suite 241
352-527-5446 Phone
352-527-5476 Fax

- Land Section
  Suite 205
  352-527-5447 Phone
  352-527-5459 Fax
- Permits & Compliance Sec.
  Suite 204
  352-527-5448 Phone
  352-527-5319 Fax
- Project Management Sec.
  Suite 241
  352-527-5449 Phone
  352-527-5482 Fax
- Survey Section
  Suite 241
  352-527-5446 Phone
  352-527-5482 Fax

1300 S. LECANTO HIGHWAY
LECANTO, FLORIDA 34461

MAINTENANCE OPERATIONS:
- Facilities Maint. Section
  PO Box 143
  Lecanto, FL 34460
  352-527-0333 Phone
  352-527-0654 Fax
- Fleet Management Section
  PO Box 215
  Lecanto, FL 34460
  352-746-6888 Phone
  352-746-5011 Fax

AQUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

D.E.P.
OCT 06 1999
Southwest District Tampa

October 1, 1999

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months of July, August and September, 1999, together with the Year to Date Leachate Tracking Summary.

Please note, due to the 7 acre meter damage, the old 7 acre flow meter has been utilized for readings.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-SWM:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS
1999

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JANUARY	2.26	92713	125130	555	0	218398	0	233717	0	233717	-15319
FEBRUARY	0.81	60609	103491	0	0	164100	0	69622	0	69622	94478
MARCH	1.89	71775	110706	292	0	182773	93859	100314	0	194173	-11400
APRIL	0.84	60391	95067	333	0	155791	0	213320	0	213320	-57529
MAY	1.60	76974	92326	1629	0	170929	0	220605	0	220605	-49676
JUNE	9.18	54588	254204	4933	0	313725	0	182727	0	182727	130998
JULY	5.11	83409	254830	399	0	338638	0	306019	0	306019	32619
AUGUST	11.31	103896	278373	495	0	382764	0	392943	0	392943	-10179
SEPTEMBER	5.57	47120	242454	628	0	290202	0	337622	0	337622	-47420
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	38.57	651475	1556581	9264	0	2217320	93859	2056889	0	2150748	66572

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO * BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/99	0.00	11860	0	0.0	0	11860	0	17245	0	17245	
9/2/99	0.00	5929	0	1327	0	7256	0	17165	0	17165	
9/3/99	0.00	11681	0	1853	0	13534	0	20364	0	20364	
9/4/99	0.00	5800	0	1796	0	7596	0	13658	0	13658	
9/5/99	0.32	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/6/99	0.79	17221	0	3277	0	20498	0	20402	0	20402	
9/7/99	0.00	5697	0	1614	0	7311	0	2863	0	2863	
9/8/99	0.18	5709	0	1301	0	7010	0	14865	0	14865	
9/9/99	0.00	6872	0	1417	0	8289	0	14802	0	14802	
9/10/99	0.00	10117	0	2167	0	12284	0	10863	0	10863	
9/11/99	0.00	5641	0	1326	0	6967	0	12627	0	12627	
9/12/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/13/99	0.00	11326	0	3273	0	14599	0	20389	0	20389	
9/14/99	1.05	5700	0	1789	0	7489	0	0.0	0	0.0	
9/15/99	0.00	11438	0	1742	0	13180	0	22410	0	22410	
9/16/99	0.00	5619	0	1674	0	7293	0	4627	0	4627	
9/17/99	1.75	5648	0	0.0	0	5648	0	15700	0	15700	
9/18/99	0.00	5691	628	1642	0	7961	0	10703	0	10703	
9/19/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/20/99	0.05	23684	0	3852	0	27536	0	17457	0	17457	
9/21/99	0.20	11878	0	2152	0	14030	0	6299	0	6299	
9/22/99	0.00	11744	0	1841	0	13585	0	12479	0	12479	
9/23/99	0.00	5818	0	1886	0	7704	0	12346	0	12346	
9/24/99	0.00	5836	0	1080	0	6916	0	4662	0	4662	
9/25/99	0.00	11580	0	2497	0	14077	0	19958	0	19958	
9/26/99	0.85	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/27/99	0.38	12662	0	54	0	12716	0	14424	0	14424	
9/28/99	0.00	10134	0	3590	0	13724	0	6744	0	6744	
9/29/99	0.00	5728	0	1834	0	7562	0	5324	0	5324	
9/30/99	0.00	11441	0	2136	0	13577	0	19246	0	19246	
TOTALS	**5.57**	**242454**	**628**	**47120**	**0**	**290202**	**0**	**337622**	**0**	**337622**	**-47420**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

Note: Due to 7 acre meter damage, the old 7 acre flow meter has been utilized for readings

7
0

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
8/2/99	0.14	12771	0	59	0	12830	0	20708	0	20708	
8/3/99	0.30	63	1	13248	0	13312	0	2519	0	2519	
8/4/99	0.01	11519	0	6183	0	17702	0	11621	0	11621	
8/5/99	0.96	0	0	1699	0	1699	0	9242	0	9242	
8/6/99	0.00	5685	0	5399	0	11084	0	14903	0	14903	
8/7/99	1.36	14028	9	2799	0	16836	0	16716	0	16716	
8/8/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
8/9/99	0.03	17489	0	8462	0	25951	0	4742	0	4742	
8/10/99	0.27	5818	0	129	0	5947	0	5427	0	5427	
8/11/99	1.97	6624	18	3918	0	10560	0	2305	0	2305	
8/12/99	0.00	10914	50	4918	0	15882	0	13940	0	13940	
8/13/99	0.42	12342	12	10896	0	23250	0	14279	0	14279	
8/14/99	0.00	6330	8	210	0	6548	0	7759	0	7759	
8/15/99	0.14	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
8/16/99	0.99	20005	2	1151	0	21158	0	2306	0	2306	
8/17/99	0.00	14325	0	830	0	15155	0	23533	0	23533	
8/18/99	0.00	6564	0	3420	0	9984	0	5080	0	5080	
8/19/99	0.00	11976	0	3576	0	15552	0	9371	0	9371	
8/20/99	0.43	8428	0	898	0	9326	0	19765	0	19765	
8/21/99	0.00	9796	0	4089	0	13885	0	22979	0	22979	
8/22/99	0.75	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
8/23/99	1.15	18354	0	818	0	19172	0	36992	0	36992	
8/24/99	0.00	197	29	11217	0	11443	0	26186	0	26186	
8/25/99	1.01	17735	366	2183	0	20284	0	20067	0	20067	
8/26/99	0.96	12162	0	3235	0	15397	0	22069	0	22069	
8/27/99	0.42	12186	0	6049	0	18235	0	26805	0	26805	
8/28/99	0.00	12475	0	3635	0	16110	0	20999	0	20999	
8/29/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
8/30/99	0.00	24545	0	4782	0	29327	0	25935	0	25935	
8/31/99	0.00	6042	0	93	0	6135	0	6695	0	6695	
TOTALS	11.31	278373	495	103896	0	382764	0	392943	0	392943	-10179

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/99	0.12	12926	0	5588	0	18514	0	6442	0	6442	
7/2/99	0.04	13907	9	465	0	14381	0	5451	0	5451	
7/3/99	0.00	12395	0	530	0	12925	0	14073	0	14073	
7/4/99	1.87	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
7/5/99	0.00	25800	0	9756	0	35556	0	12400	0	12400	
7/6/99	0.00	13737	0	1243	0	14980	0	8094	0	8094	
7/7/99	0.44	11016	0	3547	0	14563	0	2132	0	2132	
7/8/99	0.00	12047	0	198	0	12245	0	14532	0	14532	
7/9/99	0.49	11832	0	7114	0	18946	0	11641	0	11641	
7/10/99	0.00	5904	0	393	0	6297	0	23161	0	23161	
7/11/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
7/12/99	0.07	17593	0	317	0	17910	0	3671	0	3671	
7/13/99	0.37	8792	0	4807	0	13599	0	15366	0	15366	
7/14/99	0.36	5936	0	2477	0	8413	0	11603	0	11603	
7/15/99	0.00	5772	0	1230	0	7002	0	15214	0	15214	
7/16/99	0.00	5789	0	7464	0	13253	0	7797	0	7797	
7/17/99	0.78	5781	0	3088	0	8869	0	24889	0	24889	
7/18/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
7/19/99	0.00	11526	390	1750	0	13666	0	24386	0	24386	
7/20/99	0.19	11460	0	7261	0	18721	0	8750	0	8750	
7/21/99	0.00	5695	0	3404	0	9099	0	628	0	628	
7/22/99	0.13	5724	0	62	0	5786	0	9197	0	9197	
7/23/99	0.23	5706	0	63	0	5769	0	7164	0	7164	
7/24/99	0.02	5678	0	7280	0	12958	0	16590	0	16590	
7/25/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
7/26/99	0.00	11363	0	2593	0	13956	0	29999	0	29999	
7/27/99	0.00	5707	0	4203	0	9910	0	11895	0	11895	
7/28/99	0.00	5682	0	1360	0	7042	0	13501	0	13501	
7/29/99	0.00	5680	0	4460	0	10140	0	0.0	0	0.0	
7/30/99	0.00	5705	0	64	0	5769	0	5473	0	5473	
7/31/99	0.00	5677	0	2692	0	8369	0	1970	0	1970	
TOTALS	**5.11**	**254830**	**399**	**83409**	**0**	**338638**	**0**	**306019**	**0**	**306019**	**32619**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

ENGINEERING DIVISION:
Suite 241
352-527-5446 Phone
352-527-5476 Fax

- Land Section
  Suite 205
  352-527-5447 Phone
  352-527-5459 Fax
- Permits & Compliance Sec.
  Suite 204
  352-527-5448 Phone
  352-527-5319 Fax
- Project Management Sec.
  Suite 241
  352-527-5449 Phone
  352-527-5482 Fax
- Survey Section
  Suite 241
  352-527-5446 Phone
  352-527-5482 Fax

1300 S. LECANTO HIGHWAY
LECANTO, FLORIDA 34461

MAINTENANCE OPERATIONS:
- Facilities Maint. Section
  PO Box 143
  Lecanto, FL 34460
  352-527-0333 Phone
  352-527-0654 Fax
- Fleet Management Section
  PO Box 215
  Lecanto, FL 34460
  352-746-6888 Phone
  352-746-5011 Fax

AQUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

D.E.P.
JUL 09 1999
Southwest District Tampa

July 7, 1999

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of April, May and June, 1999, together with the Year to Date Leachate Tracking Summary.

A project status summary on replacement of the leachate flow meters and repair of other items (primarily electrical) related to Phase 1A construction will follow under separate cover.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D summary)

(SWM/CJW/Winfile/Shared/LTC/FordLea.Doc)

YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS
1999

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.26	92713	125130	555	0	218398	0	233717	0	233717	-15319
FEBRUARY	0.81	60609	103491	0	0	164100	0	69622	0	69622	94478
MARCH	1.89	71775	110706	292	0	182773	93859	100314	0	194173	-11400
APRIL	0.84	60391	95067	333	0	155791	0	213320	0	213320	-57529
MAY	1.60	76974	92326	1629	0	170929	0	220605	0	220605	-49676
JUNE	9.18	54588	254204	4933	0	313725	0	182727	0	182727	130998
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**16.58**	**417050**	**780924**	**7742**	**0**	**1205716**	**93859**	**1020305**	**0**	**1114164**	**91552**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/99	0.00	6577	0.0	0.0	0	6577	0	0.0	0	0.0	
6/2/99	0.00	2455	13	3718	0	6186	0	5776	0	5776	
6/3/99	0.00	5663	0	635	0	6298	0	7946	0	7946	
6/4/99	0.20	0.0	0.0	0.0	0	0.0	0	4555	0	4555	
6/5/99	1.80	2751	1	3565	0	6317	0	8073	0	8073	
6/6/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/7/99	0.08	20950	125	2492	0	23567	0	1	0	1	
6/8/99	0.00	4035	144	1219	0	5398	0	5136	0	5136	
6/9/99	0.00	5971	481	1158	0	7610	0	5450	0	5450	
6/10/99	0.12	4021	274	3431	0	7726	0	2611	0	2611	
6/11/99	0.00	8508	311	2508	0	11327	0	769	0	769	
6/12/99	0.49	13217	164	1217	0	14598	0	15242	0	15242	
6/13/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/14/99	0.08	51702	56	3622	0	55380	0	23284	0	23284	
6/15/99	0.30	3117	0	2386	0	5503	0	1323	0	1323	
6/16/99	0.04	2509	0	3160	0	5669	0	3606	0	3606	
6/17/99	1.02	3962	0	1722	0	5684	0	410	0	410	
6/18/99	1.28	4015	0	4384	0	8399	0	9385	0	9385	
6/19/99	0.00	4487	445	1224	0	6156	0	8924	0	8924	
6/20/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/21/99	0.57	4176	533	1759	0	6468	0	6861	0	6861	
6/22/99	0.92	6177	402	2179	0	8758	0	1	0	1	
6/23/99	0.00	7484	355	49	0	7888	0	2878	0	2878	
6/24/99	0.21	13635	0	5094	0	18729	0	21983	0	21983	
6/25/99	0.00	9250	559	64	0	9873	0	14253	0	14253	
6/26/99	0.30	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/27/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/28/99	0.46	11669	718	4718	0	17105	0	26029	0	26029	
6/29/99	0.27	45177	0	1940	0	47117	0	4941	0	4941	
6/30/99	1.04	12696	352	2344	0	15392	0	3290	0	3290	
TOTALS	**9.18**	**254204**	**4933**	**54588**	**0**	**313725**	**0**	**182727**	**0**	**182727**	**130998**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/99	0.00	0	0	1143	0	1143	0	3238	0	3238	
5/2/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
5/3/99	0.00	4520	0	2882	0	7402	0	30810	0	30810	
5/4/99	0.00	4484	0	1122	0	5606	0	4676	0	4676	
5/5/99	0.00	4514	0	1081	0	5595	0	14247	0	14247	
5/6/99	0.00	0	0	1169	0	1169	0	19532	0	19532	
5/7/99	0.00	4496	0	1066	0	5562	0	5458	0	5458	
5/8/99	0.00	4534	0	4353	0	8887	0	13369	0	13369	
5/9/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
5/10/99	0.61	4522	0	8329	0	12851	0	40778	0	40778	
5/11/99	0.05	0	0	2868	0	2868	0	4187	0	4187	
5/12/99	0.00	0	0	0.0	0	0	0	0.0	0	0.0	
5/13/99	0.00	0	0	0.0	0	0	0	0.0	0	0.0	
5/14/99	0.00	7812	340	10895	0	19047	0	15634	0	15634	
5/15/99	0.00	0	0	0.0	0	0	0	0.0	0	0.0	
5/16/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
5/17/99	0.00	5667	217	9551	0	15435	0	11008	0	11008	
5/18/99	0.00	6989	0	8758	0	15747	0	9427	0	9427	
5/19/99	0.00	20	0	220	0	240	0	2302	0	2302	
5/20/99	0.00	1297	166	3494	0	4957	0	11646	0	11646	
5/21/99	0.53	6867	238	2983	0	10088	0	5015	0	5015	
5/22/99	0.11	431	0	20	0	451	0	4722	0	4722	
5/23/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
5/24/99	0.00	4404	0	729	0	5133	0	0.0	0	0.0	
5/25/99	0.00	6331	371	5284	0	11986	0	6669	0	6669	
5/26/99	0.00	1770	0	2284	0	4054	0	0.0	0	0.0	
5/27/99	0.02	3261	9	1206	0	4476	0	0.0	0	0.0	
5/28/99	0.28	6355	287	0.0	0	6642	0	0.0	0	0.0	
5/29/99	0.00	4195	1	2666	0	6862	0	4457	0	4457	
5/30/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
5/31/99	0.00	9857	0	4871	0	14728	0	13430	0	13430	
TOTALS	**1.60**	**92326**	**1629**	**76974**	**0**	**170929**	**0**	**220605**	**0**	**220605**	**-49676**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/99	0.00	4228	0	5064	0	9292	0	0	0	0	
4/2/99	0.00	4538	0	1639	0	6177	0	0	0	0	
4/3/99	0.00	4554	0	1415	0	5969	0	0	0	0	
4/4/99	0.00	0.0	0.0	0.0	0	0	0	0	0	0	
4/5/99	0.00	0.0	0.0	0.0	0	0	0	0	0	0	
4/6/99	0.00	9103	333	5370	0	14806	0	0	0	0	
4/7/99	0.00	0	0	2039	0	2039	0	0	0	0	
4/8/99	0.00	4556	0	2475	0	7031	0	5367	0	5367	
4/9/99	0.00	4562	0	0.0	0	4562	0	0	0	0	
4/10/99	0.00	0	0	3149	0	3149	0	0	0	0	
4/11/99	0.00	0.0	0.0	0.0	0	0	0	0	0	0	
4/12/99	0.00	9100	0	4956	0	14056	0	0	0	0	
4/13/99	0.00	0	0	1697	0	1697	0	0	0	0	
4/14/99	0.00	4573	0	2944	0	7517	0	22729	0	22729	
4/15/99	0.00	4562	0	1585	0	6147	0	5380	0	5380	
4/16/99	0.03	0	0	1541	0	1541	0	9647	0	9647	
4/17/99	0.54	4517	0	1952	0	6469	0	8041	0	8041	
4/18/99	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0	
4/19/99	0.00	4497	0	2296	0	6793	0	31338	0	31338	
4/20/99	0.00	4538	0	1377	0	5915	0	2446	0	2446	
4/21/99	0.00	4551	0	1114	0	5665	0	21072	0	21072	
4/22/99	0.00	0	0	2030	0	2030	0	4696	0	4696	
4/23/99	0.00	4535	0	8036	0	12571	0	9481	0	9481	
4/24/99	0.00	3712	0	1439	0	5151	0	15361	0	15361	
4/25/99	0.26	0.0	0.0	0.0	0	0	0	0.0	0	0	
4/26/99	0.00	5367	0	2529	0	7896	0	31123	0	31123	
4/27/99	0.00	4543	0	1978	0	6521	0	8179	0	8179	
4/28/99	0.01	0	0	1480	0	1480	0	6890	0	6890	
4/29/99	0.00	4495	0	1135	0	5630	0	14030	0	14030	
4/30/99	0.00	4536	0	1151	0	5687	0	17540	0	17540	
TOTALS	**0.84**	**95067**	**333**	**60391**	**0**	**155791**	**0**	**213320**	**0**	**213320**	**-57529**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

Note: 4/1/99 to 4/13/99 effluent recirculated - 4/14/99 commenced with on-site discharge

Note: 4/8/99 - on-site discharge permitted for testing purposes

CITRUS COUNTY CENTRAL LANDFILL

	A	B	C	D	F	G	H	J	K	L	N	O	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AG	AH
1	DATE	DAY	RAIN	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	7-A (S)		7-A	LESS RECIR-	7-ACRE	SURFACE	TOTAL	EFFLUENT	EFFLUENT	
2	JUNE		IN	L S		FLOW	L S		FLOW	L S		FLOW	L S		FLOW	TOTAL	TOTAL	FLOW	(P) L S		FLOW	CULATION	TOTAL FLOW	LEACHATE	LS FLOW	METER	FLOW	Operational
3			INCHES	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	C	GALLON	TO TANKS	GALLONS	FLOW GAL	GALLONS		GALLONS	Notes:
4		BAL					7160			7760			288						0									NR = No reading
5	6/1/99	Tue			O	0	10308	M	3148	11189	M	3429	288	M	0	6577	0	6577	0	M	NR	0	NR	0	6577	435156	NR	
6	6/2/99	Wed			O	0	11657	M	1349	12295	M	1106	301	M	13	2455	13	2468	3718	M	3718	0	3718	0	6186	440932	5776	
7	6/3/99	Thu			O	0	14368	M	2711	15247	M	2952	301	M	0	5663	0	5663	4353	M	635	0	635	0	6298	448878	7946	
8	6/4/99	Fri	0.20		O	0	14368	M	0	15247	M	0	301	M	0	0	0	0	4353	M	NR	0	NR	0	NR	453433	4555	
9	6/5/99	Sat	1.80		O	0	15661	M	1293	16705	M	1458	302	M	1	2751	1	2752	7918	M	3565	0	3565	0	6317	461506	8073	
10	6/6/99	Sun			O	0	NR	M	NR		M	NR	NR	M	NR	NR	NR	NR	NR	M	NR	0	NR	0	NR	NR	NR	
11	6/7/99	Mon	0.08		O	0	17689	M	2028	18922	M	18922	427	M	125	20950	125	21075	10410	M	2492	0	2492	0	23567	461507	1	
12	6/8/99	Tue			O	0	19616	M	1927	21030	M	2108	571	M	144	4035	144	4179	11629	M	1219	0	1219	0	5398	466643	5136	
13	6/9/99	Wed			O	0	22474	M	2858	24143	M	3113	1052	M	481	5971	481	6452	12787	M	1158	0	1158	0	7610	472093	5450	
14	6/10/99	Thu	0.12		O	0	24397	M	1923	26241	M	2098	1326	M	274	4021	274	4295	16218	M	3431	0	3431	0	7726	474704	2611	
15	6/11/99	Fri			O	0	28464	M	4067	30682	M	4441	1637	M	311	8508	311	8819	18726	M	2508	0	2508	0	11327	475473	769	
16	6/12/99	Sat	0.49		O	0	34766	M	6302	37597	M	6915	1801	M	164	13217	164	13381	19943	M	1217	0	1217	0	14598	490715	15242	
17	6/13/99	Sun			O	0	NR	M	NR		M	NR	NR	M	NR	NR	NR	NR	NR	M	NR	0	NR	0	NR	NR	NR	
18	6/14/99	Mon	0.06		O	0	41499	M	6733	44969	M	44969	1857	M	56	51702	56	51758	23565	M	3622	0	3622	0	55380	513999	23284	
19	6/15/99	Tue	0.30		O	0	44616	M	3117	44969	M	0	1857	M	0	3117	0	3117	25951	M	2386	0	2386	0	5503	515322	1323	
20	6/16/99	Wed	0.04		O	0	46482	M	1866	45612	M	643	1857	M	0	2509	0	2509	29111	M	3160	0	3160	0	5669	518928	3606	
21	6/17/99	Thu	1.02		O	0	48380	M	1898	47676	M	2064	1857	M	0	3962	0	3962	30833	M	1722	0	1722	0	5684	519338	410	
22	6/18/99	Fri	1.28		O	0	50302	M	1922	49769	M	2093	1857	M	0	4015	0	4015	35217	M	4384	0	4384	0	8399	528723	9385	
23	6/19/99	Sat			O	0	52450	M	2148	52108	M	2339	2302	M	445	4487	445	4932	36441	M	1224	0	1224	0	6156	537647	8924	
24	6/20/99	Sun			O	0	NR	M	NR	NR	M	NR	NR	M	NR	NR	NR	NR	NR	M	NR	0	NR	0	NR	NR	NR	
25	6/21/99	Mon	0.57		O	0	54450	M	2000	54284	M	2176	2835	M	533	4176	533	4709	38200	M	1759	0	1759	0	6468	544508	6861	
26	6/22/99	Tue	0.92		O	0	57406	M	2956	57505	M	3221	3237	M	402	6177	402	6579	40379	M	2179	0	2179	0	8758	544509	1	
27	6/23/99	Wed			O	0	60985	M	3579	61410	M	3905	3592	M	355	7484	355	7839	40428	M	49	0	49	0	7888	547387	2878	
28	6/24/99	Thu	0.21		O	0	67509	M	6524	68521	M	7111	3592	M	0	13635	0	13635	45522	M	5094	0	5094	0	18729	569370	21983	
29	6/25/99	Fri			O	0	71932	M	4423	73348	M	4827	4151	M	559	9250	559	9809	45586	M	64	0	64	0	9873	583623	14253	
30	6/26/99	Sat	0.30		O	0	NR	M	NR	NR	M	NR	NR	M	NR	NR	NR	NR	NR	M	NR	0	NR	0	NR	NR	NR	
31	6/27/99	Sun			O	0	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR	NR	NR	A	NR	0	NR	0	NR	NR	NR	
32	6/28/99	Mon	0.46		O	0	77517	A	5585	79432	A	6084	4869	A	718	11669	718	12387	50304	A	4718	0	4718	0	17105	609652	26029	PUMP OPERATION
33	6/29/99	Tue	0.27		O	0	106345	A	28828	95781	A	16349	4869	A	0	45177	0	45177	52244	A	1940	0	1940	0	47117	614593	4941	CODE:
34	6/30/99	Wed	1.04		O	0	119041	A	12696	95781	A	0	5221	A	352	12696	352	13048	54588	A	2344	0	2344	0	15392	617883	3290	C: CODE COLUMN
35																												A: AUTOMATIC
36																												O: PUMPS OFF
37	TOTAL		9.18			0			111881			142323			4933	254204	4933	259137			54588	0	54588	0	313725		182727	M: MANUAL
38																												CW
39																												
40																												
41																												
42																												
43																												
44																												

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

D.E.P.

APR 16 1999

Southwest District Tampa

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

ENGINEERING DIVISION:
Suite 241
352-527-5446 Phone
352-527-5476 Fax

- Land Section
  Suite 205
  352-527-5447 Phone
  352-527-5459 Fax
- Permits & Compliance Sec.
  Suite 204
  352-527-5448 Phone
  352-527-5319 Fax
- Project Management Sec.
  Suite 241
  352-527-5449 Phone
  352-527-5482 Fax
- Survey Section
  Suite 241
  352-527-5446 Phone
  352-527-5482 Fax

1300 S. LECANTO HIGHWAY
LECANTO, FLORIDA 34461

MAINTENANCE OPERATIONS:
- Facilities Maint. Section
  PO Box 143
  Lecanto, FL 34460
  352-527-0333 Phone
  352-527-0654 Fax
- Fleet Management Section
  PO Box 215
  Lecanto, FL 34460
  352-746-6888 Phone
  352-746-5011 Fax

AQUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-1743 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

April 13, 1999

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months of January, February and March, 1999, together with the Year to Date Leachate Tracking Summary.

Please note, plant processing was discontinued on 2/3/99 for the batch tank refurbishing project. Plant re-start processing discharge commenced on 3/3/99 through 3/20/99. Off-site disposal to County owned WWTP's commenced on 3/23/99 after receipt of two weeks of CBOD analytical results exceeding permit limits.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-G:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS
1999

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.26	92713	125130	555	0	218398	0	233717	0	233717	-15319
FEBRUARY	0.81	60609	103491	0	0	164100	0	69622	0	69622	94478
MARCH	1.89	71775	110706	292	0	182773	93859	100314	0	194173	-11400
APRIL	0.00	0	0	0	0	0	0	0	0	0	0
MAY	0.00	0	0	0	0	0	0	0	0	0	0
JUNE	0.00	0	0	0	0	0	0	0	0	0	0
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	4.96	225097	339327	847	0	565271	93859	403653	0	497512	67759

AVE = 113,109

110,706 ÷ 31 ÷ 20 = 178 GPD/AC EXCELLENT FOR 0.0 ACRES CLOSED

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE (RAW) DISPOSAL OFF-SITE TO MC WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/99	0.00	9382	0	2787	0	12169	0	0	0	0	0	
3/2/99	0.00	0	292	4086	0	4378	0	0	0	0	0	
3/3/99	0.01	4710	0	3083	0	7793	0	0	0	0	0	
3/4/99	0.00	4664	0	805	0	5469	0	0	5336	0	5336	
3/5/99	0.00	0	0	1198	0	1198	0	0	9835	0	9835	
3/6/99	0.00	4688	0	4943	0	9631	0	0	4971	0	4971	
3/7/99	0.01	0.0	0.0	0.0	0	0.0	0	0	0.0	0	0	
3/8/99	0.00	4724	0	2098	0	6822	0	0	18376	0	18376	
3/9/99	0.00	4719	0	8909	0	13628	0	0	0.0	0	0	
3/10/99	0.00	4793	0	3136	0	7929	0	0	10010	0	10010	
3/11/99	0.00	4813	0	1498	0	6311	0	0	0.0	0	0	
3/12/99	0.00	0	0	0.0	0	0.0	0	0	0.0	0	0	
3/13/99	0.00	4748	0	1186	0	5934	0	0	0.0	0	0	
3/14/99	1.87	0.0	0.0	0.0	0	0.0	0	0	0.0	0	0	
3/15/99	0.00	9230	0	4774	0	14004	0	0	18718	0	18718	
3/16/99	0.00	0	0	4104	0	4104	0	0	5061	0	5061	
3/17/99	0.00	4480	0	1663	0	6143	0	0	6224	0	6224	
3/18/99	0.00	4495	0	1290	0	5785	0	0	12977	0	12977	
3/19/99	0.00	4484	0	6338	0	10822	0	0	0.0	0	0	
3/20/99	0.00	4475	0	899	0	5374	0	0	8806	0	8806	
3/21/99	0.00	0.0	0.0	0.0	0	0.0	0	0	0.0	0	0	
3/22/99	0.00	8965	0	2377	0	11342	0	0	0.0	0	0	
3/23/99	0.00	0	0	4237	0	4237	12616	18749	0.0	0	31365	
3/24/99	0.00	4461	0	2180	0	6641	0	0	0.0	0	0	
3/25/99	0.00	4503	0	1557	0	6060	12508	18693	0.0	0	31201	
3/26/99	0.00	4518	0	1728	0	6246	0	0	0.0	0	0	
3/27/99	0.00	4493	0	1707	0	6200	0	0	0.0	0	0	
3/28/99	0.00	0.0	0.0	0.0	0	0	0	0	0.0	0	0	
3/29/99	0.00	4514	0	1908	0	6422	0	0	0.0	0	0	
3/30/99	0.00	4531	0	1182	0	5713	0	0	0.0	0	0	
3/31/99	0.00	316	0	2102	0	2418	12585	18708	0.0	0	31293	
TOTALS	**1.89**	**110706**	**292**	**71775**	**0**	**182773**	**37709**	**56150**	**100314**	**0**	**194173**	**-11400**

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

0.0 represents No Reading

Note: Leachate processing discontinued 2/3/99 to 3/3/99 for tank refurbishing project

Note: Leachate on-site disposal discontinued 3/20/99 - transported on County WWTP(s)

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
		80-ACRE	80-ACRE		SURFACE		LEACHATE	LEACHATE	LEACHATE		
		TOTAL	TOTAL	7 ACRE	LEACHATE	TOTAL	(RAW) DISPOSAL	EFFLUENT	EFFLUENT	TOTAL	
	RAIN	PRIMARY	SECONDARY	LEACHATE	OR	LEACHATE	OFF-SITE TO	DISPOSAL	DISPOSAL	LEACHATE	
DATE	DATA	PHASE 1 & 1A	PHASE 1A	FLOW	SPECIAL PROJECT	GENERATED	BW WWTP	ON-SITE	OFF-SITE	DISPOSAL	BALANCE
2/1/99	0.00	10627	0	8037	0	18664	0	0	0	43724	
2/2/99	0.00	3550	0	9101	0	12651	0	0	0	24255	
2/3/99	0.00	3440	0	7057	0	10497	0	0	0	1643	
2/4/99	0.00	4423	0	4391	0	8814	0	0	0	0	
2/5/99	0.00	4436	0	4732	0	9168	0	0	0	0	
2/6/99	0.00	4447	0	3222	0	7669	0	0	0	0	
2/7/99	0.00	0.0	0.0	0.0	0	0.0	0	0	0	0	
2/8/99	0.00	8974	0	2446	0	11420	0	0	0	0	
2/9/99	0.00	4481	0	818	0	5299	0	0	0	0	
2/10/99	0.55	0	0	1408	0	1408	0	0	0	0	
2/11/99	0.00	4528	0	1388	0	5916	0	0	0	0	
2/12/99	0.00	0.0	0.0	0.0	0	0.0	0	0	0	0	
2/13/99	0.00	8990	0	2061	0	11051	0	0	0	0	
2/14/99	0.00	0.0	0.0	0.0	0	0.0	0	0	0	0	
2/15/99	0.00	4465	0	2377	0	6842	0	0	0	0	
2/16/99	0.00	4533	0	788	0	5321	0	0	0	0	
2/17/99	0.00	4534	0	1199	0	5733	0	0	0	0	
2/18/99	0.00	4593	0	1786	0	6379	0	0	0	0	
2/19/99	0.13	4560	0	841	0	5401	0	0	0	0	
2/20/99	0.00	0	0	900	0	900	0	0	0	0	
2/21/99	0.02	0.0	0.0	0.0	0	0.0	0	0	0	0	
2/22/99	0.00	4541	0	2486	0	7027	0	0	0	0	
2/23/99	0.00	4514	0	1222	0	5736	0	0	0	0	
2/24/99	0.00	4564	0	914	0	5478	0	0	0	0	
2/25/99	0.00	4588	0	929	0	5517	0	0	0	0	
2/26/99	0.00	0.0	0.0	0.0	0	0.0	0	0	0	0	
2/27/99	0.00	4703	0	2506	0	7209	0	0	0	0	
2/28/99	0.11	0.0	0.0	0.0	0	0.0	0	0	0	0	
TOTALS	**0.81**	**103491**	**0**	**60609**	**0**	**164100**	**0**	**0**	**0**	**69622**	**94478**
0.0 represents No Reading											
PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED											
Note: Leachate processing discontinued 2/3/99 for tank refurbishing project											

CITRUS COUNTY CENTRAL LANDFILL

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/99	0.00	0	0	0.0	0	0.0	0	0.0	0	0	[redacted]
1/2/99	0.00	9751	86	2802	0	12639	0	15949	0	15949	[redacted]
1/3/99	0.08	0.0	0.0	0.0	0	0.0	0	0.0	0	0	[redacted]
1/4/99	0.01	4926	176	3523	0	8625	0	177	0	177	[redacted]
1/5/99	0.00	4837	0	8163	0	13000	0	7817	0	7817	[redacted]
1/6/99	0.00	4882	0	6365	0	11247	0	9730	0	9730	[redacted]
1/7/99	0.00	0	0	1880	0	1880	0	3134	0	3134	[redacted]
1/8/99	0.00	4940	0	1261	0	6201	0	0.0	0	0	[redacted]
1/9/99	0.49	4924	0	9740	0	14664	0	2786	0	2786	[redacted]
1/10/99	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	[redacted]
1/11/99	0.00	4875	0	14186	0	19061	0	2000	0	2000	[redacted]
1/12/99	0.00	4781	0	1218	0	5999	0	9879	0	9879	[redacted]
1/13/99	0.00	4988	0	1214	0	6202	0	5410	0	5410	[redacted]
1/14/99	0.00	0	0	1536	0	1536	0	3281	0	3281	[redacted]
1/15/99	0.00	4867	0	1165	0	6032	0	2390	0	2390	[redacted]
1/16/99	0.00	4917	0	1154	0	6071	0	14774	0	14774	[redacted]
1/17/99	0.01	0.0	0.0	0.0	0	0.0	0	0.0	0	0	[redacted]
1/18/99	0.14	4858	0	2659	0	7517	0	14902	0	14902	[redacted]
1/19/99	0.00	4892	0	2470	0	7362	0	0.0	0	0	[redacted]
1/20/99	0.00	4893	0	1525	0	6418	0	7067	0	7067	[redacted]
1/21/99	0.00	0	0	1145	0	1145	0	7888	0	7888	[redacted]
1/22/99	0.00	5202	0	1492	0	6694	0	15168	0	15168	[redacted]
1/23/99	1.37	4918	0	1606	0	6524	0	3724	0	3724	[redacted]
1/24/99	0.16	0.0	0.0	0.0	0	0.0	0	0.0	0	0	[redacted]
1/25/99	0.00	14733	0	10174	0	24907	0	23065	0	23065	[redacted]
1/26/99	0.00	4516	0	6337	0	10853	0	6563	0	6563	[redacted]
1/27/99	0.00	9041	0	1450	0	10491	0	0.0	0	0	[redacted]
1/28/99	0.00	4455	0	2410	0	6865	0	29095	0	29095	[redacted]
1/29/99	0.00	4499	0	5680	0	10179	0	23435	0	23435	[redacted]
1/30/99	0.00	4435	293	1558	0	6286	0	25483	0	25483	[redacted]
1/31/99	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0	[redacted]
TOTALS	**2.26**	**125130**	**555**	**92713**	**0**	**218398**	**0**	**233717**	**0**	**233717**	**-15319**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
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ENGINEERING DIVISION:
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352-746-1676 Fax

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PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

January 7, 1998

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JAN 11 1999
SOUTHWEST DISTRICT TAMPA

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of October, November, and December, 1998, together with the Year to Date Leachate Tracking Summary.

A contract has been awarded tor replacement of the leachate flow meters and repair of other items (primarily electrical) related to Phase 1A construction. We expect completion within about 4-6 weeks.

If you should need additional information, please let me know.

Sincerely,

Susan J Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D summary)

(SWM/CJW/Winfile/Shared/LTC/FordLea.Doc)

1998 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.50	86644	453496	1186	0	541326	0	695066	0	695066	-153740
FEBRUARY	9.50	93334	610812	2327	0	706473	36331	655998	0	692329	14144
MARCH	6.10	94362	583587	1631	0	679580	24069	746407	0	770476	-90896
APRIL	0.84	114676	213636	921	0	329233	0	340776	0	340776	-11543
MAY	0.26	138683	161179	644	0	300506	0	292808	0	292808	7698
JUNE	2.33	123991	189383	443	0	313817	0	162572	0	162572	151245
JULY	8.96	88648	304239	445	0	393332	0	479340	0	479340	-86008
AUGUST	6.08	118573	251294	335	0	370202	0	456692	0	456692	-86490
SEPTEMBER	11.17	131327	233617	348	0	365292	0	416253	0	416253	-50961
OCTOBER	0.98	86258	243166	328	0	329752	0	455127	0	455127	-125375
NOVEMBER	2.02	74858	125572	325	0	200755	0	231910	0	231910	-31155
DECEMBER	0.96	88025	109692	0	0	197717	0	183889	0	183889	13828
											0
YTD TOTAL	**52.70**	**1239379**	**3479673**	**8933**	**0**	**4727985**	**60400**	**5116838**	**0**	**5177238**	**-449253**

AVE = 284,972

9.5% MORE LEACHATE DISPOSED THAN REMOVED ?

9.5% OF LEACHATE REMOVED

ACRES OPEN, INT, CLOSED?

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/98	0.00	4825	0	1251	0	6076	0	0.0	0	0	
12/2/98	0.01	4851	0	4735	0	9586	0	3388	0	3388	
12/3/98	0.01	718	0	3901	0	4619	0	16667	0	16667	
12/4/98	0.00	3969	0	4764	0	8733	0	8579	0	8579	
12/5/98	0.00	4871	0	4980	0	9851	0	9901	0	9901	
12/6/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
12/7/98	0.00	9374	0	3656	0	13030	0	1293	0	1293	
12/8/98	0.00	268	0	1473	0	1741	0	0.0	0	0	
12/9/98	0.00	3754	0	14456	0	18210	0	8781	0	8781	
12/10/98	0.00	4640	0	1725	0	6365	0	4019	0	4019	
12/11/98	0.00	4809	0	1041	0	5850	0	12794	0	12794	
12/12/98	0.00	4830	0	1120	0	5950	0	4952	0	4952	
12/13/98	0.79	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
12/14/98	0.00	4900	0	4693	0	9593	0	13361	0	13361	
12/15/98	0.00	4727	0	1213	0	5940	0	0.0	0	0	
12/16/98	0.00	3404	0	3429	0	6833	0	7941	0	7941	
12/17/98	0.00	1438	0	5396	0	6834	0	7942	0	7942	
12/18/98	0.00	4827	0	1569	0	6396	0	8443	0	8443	
12/19/98	0.00	4280	0	2132	0	6412	0	10409	0	10409	
12/20/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
12/21/98	0.00	5309	0	1622	0	6931	0	12789	0	12789	
12/22/98	0.00	4864	0	2961	0	7825	0	0.0	0	0	
12/23/98	0.00	4829	0	1488	0	6317	0	1637	0	1637	
12/24/98	0.00	0	0	1208	0	1208	0	21572	0	21572	
12/25/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
12/26/98	0.05	4552	0	3702	0	8254	0	0.0	0	0	
12/27/98	0.02	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
12/28/98	0.01	9900	0	10023	0	19923	0	16236	0	16236	
12/29/98	0.06	4894	0	2597	0	7491	0	0.0	0	0	
12/30/98	0.01	4859	0	1659	0	6518	0	5369	0	5369	
12/31/98	0.00	0	0	1231	0	1231	0	7816	0	7816	
TOTALS	**0.96**	**109692**	**0**	**88025**	**0**	**197717**	**0**	**183889**	**0**	**183889**	**13828**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

NOTE: HIGHER THAN USUAL OPERATIONAL FLOWS DUE TO THE FOLLOWING: 12/9 BACKWASHING SAND FILTERS AND CLEANING OF EFFLUENT STORAGE TANK - 12/28 BACKWASHING OF SAND FILTERS AND TWO DAYS OF FLOW

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	[redacted]
11/2/98	0.00	9817	0	3862	0	13679	0	23176	0	23176	[redacted]
11/3/98	0.09	4897	0	1126	0	6023	0	0.0	0	0.0	[redacted]
11/4/98	1.71	5065	0	2634	0	7699	0	11334	0	11334	[redacted]
11/5/98	0.16	4948	0	2899	0	7847	0	12693	0	12693	[redacted]
11/6/98	0.02	4729	14	3503	0	8246	0	12024	0	12024	[redacted]
11/7/98	0.00	4608	0	3953	0	8561	0	18449	0	18449	[redacted]
11/8/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	[redacted]
11/9/98	0.00	9327	0	4628	0	13955	0	10260	0	10260	[redacted]
11/10/98	0.00	4724	0	2314	0	7038	0	0.0	0	0.0	[redacted]
11/11/98	0.00	1702	0	1180	0	2882	0	17579	0	17579	[redacted]
11/12/98	0.00	3040	0	1227	0	4267	0	2585	0	2585	[redacted]
11/13/98	0.00	4734	0	8509	0	13243	0	13659	0	13659	[redacted]
11/14/98	0.00	4834	0	1499	0	6333	0	0.0	0	0.0	[redacted]
11/15/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	[redacted]
11/16/98	0.00	9721	0	2962	0	12683	0	15514	0	15514	[redacted]
11/17/98	0.00	4843	0	1438	0	6281	0	0.0	0	0.0	[redacted]
11/18/98	0.00	4833	0	3440	0	8273	0	7117	0	7117	[redacted]
11/19/98	0.01	0.0	0.0	1458	0	1458	0	7997	0	7997	[redacted]
11/20/98	0.00	4883	0	3337	0	8220	0	14180	0	14180	[redacted]
11/21/98	0.00	4894	62	2690	0	7646	0	0.0	0	0.0	[redacted]
11/22/98	0.02	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	[redacted]
11/23/98	0.00	7143	246	6339	0	13728	0	15856	0	15856	[redacted]
11/24/98	0.00	2503	0	1832	0	4335	0	0.0	0	0.0	[redacted]
11/25/98	0.00	4883	0	3989	0	8872	0	7257	0	7257	[redacted]
11/26/98	0.01	0.0	0.0	0.0	0	0.0	0	8293	0	8293	[redacted]
11/27/98	0.00	9758	0	2569	0	12327	0	6642	0	6642	[redacted]
11/28/98	0.00	1793	3	2850	0	4646	0	8882	0	8882	[redacted]
11/29/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	[redacted]
11/30/98	0.00	7893	0	4620	0	12513	0	18413	0	18413	[redacted]
											[redacted]
TOTALS	2.02	125572	325	74858	0	200755	0	231910	0	231910	-31155

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 15.8 INTERMEDIATE, 2.1 UNUSED, 0.0 CLOSED

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
10/1/98	0.72	29613	0	5036	0	34649	0	11244	0	11244	
10/2/98	0.25	32509	0	2844	0	35353	0	14260	0	14260	
10/3/98	0.00	20521	0	4179	0	24700	0	15614	0	15614	
10/4/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/5/98	0.00	26142	0	9106	0	35248	0	41020	0	41020	
10/6/98	0.01	468	0	6329	0	6797	0	22448	0	22448	
10/7/98	0.00	19467	0	3502	0	22969	0	16199	0	16199	
10/8/98	0.00	4752	0	1721	0	6473	0	19129	0	19129	
10/9/98	0.00	9247	0	2667	0	11914	0	18575	0	18575	
10/10/98	0.00	4	0	1841	0	1845	0	22010	0	22010	
10/11/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/12/98	0.00	13859	0	4721	0	18580	0	43284	0	43284	
10/13/98	0.00	4651	0	0.0	0	4651	0	20021	0	20021	
10/14/98	0.00	4709	0	4090	0	8799	0	19611	0	19611	
10/15/98	0.00	4735	0	1474	0	6209	0	13570	0	13570	
10/16/98	0.00	4695	0	3009	0	7704	0	22923	0	22923	
10/17/98	0.00	4699	0	1351	0	6050	0	19019	0	19019	
10/18/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/19/98	0.00	9478	0	4688	0	14166	0	19809	0	19809	
10/20/98	0.00	4856	0	3490	0	8346	0	0.0	0	0.0	
10/21/98	0.00	4887	328	5237	0	10452	0	13409	0	13409	
10/22/98	0.00	4889	0	1557	0	6446	0	10737	0	10737	
10/23/98	0.00	4865	0	2453	0	7318	0	11734	0	11734	
10/24/98	0.00	4833	0	72	0	4905	0	11450	0	11450	
10/25/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/26/98	0.00	9714	0	6284	0	15998	0	22997	0	22997	
10/27/98	0.00	4892	0	2739	0	7631	0	8824	0	8824	
10/28/98	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
10/29/98	0.00	9810	0	3717	0	13527	0	25664	0	25664	
10/30/98	0.00	4214	0	3042	0	7256	0	0.0	0	0.0	
10/31/98	0.00	657	0	1109	0	1766	0	11576	0	11576	
TOTALS	**0.98**	**243166**	**328**	**86258**	**0**	**329752**	**0**	**455127**	**0**	**455127**	**-125375**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.5 OPEN, 15 INTERMEDIATE, 2.6 UNUSED, 0.0 CLOSED

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Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

D.E.P.
OCT 19 1998
SOUTHWEST DIST.
TAMPA

October 14, 1998

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

Enclosed please find revised leachate generation reports for the months of July, August and September, 1998 which includes the revised number of open, intermediate, unused and closed acres for the landfill.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosure

(SWM/CJW/Winfile/Shared/LTC/FordLea.Doc)

1998 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.50	86644	453496	1186	0	541326	0	695066	0	695066	-153740
FEBRUARY	9.50	93334	610812	2327	0	706473	36331	655998	0	692329	14144
MARCH	6.10	94362	583587	1631	0	679580	24069	746407	0	770476	-90896
APRIL	0.84	114676	213636	921	0	329233	0	340776	0	340776	-11543
MAY	0.26	138683	161179	644	0	300506	0	292808	0	292808	7698
JUNE	2.33	123991	189383	443	0	313817	0	162572	0	162572	151245
JULY	8.96	88648	304239	445	0	393332	0	479340	0	479340	-86008
AUGUST	6.08	118573	251294	335	0	370202	0	456692	0	456692	-86490
SEPTEMBER	11.17	131327	233617	348	0	365292	0	416253	0	416253	-50961
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**48.74**	**990238**	**3001243**	**8280**	**0**	**3999761**	**60400**	**4245912**	**0**	**4306312**	**-306551**

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
		80-ACRE	80-ACRE		SURFACE		LEACHATE	LEACHATE	LEACHATE		
		TOTAL	TOTAL	7 ACRE	LEACHATE	TOTAL	(RAW) DISPOSAL	EFFLUENT	EFFLUENT	TOTAL	
	RAIN	PRIMARY	SECONDARY	LEACHATE	OR	LEACHATE	OFF-SITE TO	DISPOSAL	DISPOSAL	LEACHATE	
DATE	DATA	PHASE 1 & 1A	PHASE 1A	FLOW	SPECIAL PROJECT	GENERATED	BW WWTP	ON-SITE	OFF-SITE	DISPOSAL	BALANCE
9/1/98	0.80	313	0	1292	0	1605	0	10356	0	10356	
9/2/98	2.25	5619	0	8780	0	14399	0	22961	0	22961	
9/3/98	0.59	11936	0	4949	0	16885	0	11049	0	11049	
9/4/98	0.00	6993	0	4665	0	11658	0	10170	0	10170	
9/5/98	0.00	7301	0	1599	0	8900	0	9678	0	9678	
9/6/98	1.08	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
9/7/98	0.00	41476	0	5275	0	46751	0	15557	0	15557	
9/8/98	0.00	14551	0	1937	0	16488	0	11366	0	11366	
9/9/98	0.01	9963	0	1771	0	11734	0	27375	0	27375	
9/10/98	0.00	11381	0	5113	0	16494	0	19200	0	19200	
9/11/98	0.00	10880	0	9302	0	20182	0	23544	0	23544	
9/12/98	0.00	6029	0	3559	0	9588	0	19045	0	19045	
9/13/98	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
9/14/98	0.00	11273	0	6481	0	17754	0	15785	0	15785	
9/15/98	0.06	9764	0	1345	0	11109	0	9869	0	9869	
9/16/98	0.19	7034	0	4154	0	11188	0	22940	0	22940	
9/17/98	0.08	5576	0	5786	0	11362	0	23843	0	23843	
9/18/98	0.33	5558	0	1707	0	7265	0	20945	0	20945	
9/19/98	0.00	5709	0	4811	0	10520	0	21421	0	21421	
9/20/98	1.67	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
9/21/98	0.10	5250	0	12562	0	17812	0	9146	0	9146	
9/22/98	0.01	41	0	1638	0	1679	0	25107	0	25107	
9/23/98	0.09	5542	348	4979	0	10869	0	9240	0	9240	
9/24/98	0.65	1995	0	1531	0	3526	0	0.0	0	0.0	
9/25/98	0.11	11454	0	4407	0	15861	0	16420	0	16420	
9/26/98	0.15	10891	0	3528	0	14419	0	21931	0	21931	
9/27/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/28/98	0.02	16148	0	9628	0	25776	0	27830	0	27830	
9/29/98	0.00	5184	0	1407	0	6591	0	11475	0	11475	
9/30/98	2.98	5756	0	19121	0	24877	0	0.0	0	0.0	
TOTALS	**11.17**	**233617**	**348**	**131327**	**0**	**365292**	**0**	**416253**	**0**	**416253**	**-50961**
0.0 represents No Reading											
PHASE 1 & 1A TOTAL ACRES 19.1 - 1.5 OPEN, 15 INTERMEDIATE, 2.6 UNUSED, 0.0 CLOSED											

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	60-ACRE TOTAL PRIMARY PHASE 1 & 1A	60-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATE	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/98	0.24	6150	0	3503	0	9653	0	23526	0	23526	
8/2/98	0.23	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
8/3/98	0.80	12383	0	3423	0	15806	0	23947	0	23947	
8/4/98	0.72	7279	0	2172	0	9451	0	0.0	0	0	
8/5/98	0.11	10579	0	4180	0	14759	0	14925	0	14925	
8/6/98	0.00	11797	0	3305	0	15102	0	30516	0	30516	
8/7/98	0.21	13026	0	10758	0	23784	0	11534	0	11534	
8/8/98	0.00	6364	0	1312	0	7676	0	1848	0	1848	
8/9/98	1.56	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
8/10/98	0.01	11208	0	3792	0	15000	0	23592	0	23592	
8/11/98	0.00	13128	0	2050	0	15178	0	10557	0	10557	
8/12/98	0.00	6449	0	1539	0	7988	0	3577	0	3577	
8/13/98	0.00	12673	0	3043	0	15716	0	21478	0	21478	
8/14/98	0.07	6285	0	5068	0	11353	0	22099	0	22099	
8/15/98	0.00	6700	0	3711	0	10411	0	22837	0	22837	
8/16/98	0.69	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
8/17/98	0.10	18194	0	3819	0	22013	0	23967	0	23967	
8/18/98	1.18	6146	0	1548	0	7694	0	12034	0	12034	
8/19/98	0.00	11300	0	2988	0	14288	0	8046	0	8046	
8/20/98	0.15	12964	0	10472	0	23436	0	27885	0	27885	
8/21/98	0.00	12598	335	4579	0	17512	0	26895	0	26895	
8/22/98	0.00	6162	0	16377	0	22539	0	15473	0	15473	
8/23/98	0.01	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
8/24/98	0.00	18202	0	8681	0	26883	0	18762	0	18762	
8/25/98	0.00	6022	0	1710	0	7732	0	11668	0	11668	
8/26/98	0.00	6016	0	4353	0	10369	0	12929	0	12929	
8/27/98	0.00	5897	0	1424	0	7321	0	20688	0	20688	
8/28/98	0.00	5960	0	4622	0	10582	0	22713	0	22713	
8/29/98	0.00	5937	0	1581	0	7518	0	24205	0	24205	
8/30/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
8/31/98	0.00	11875	0	8563	0	20438	0	20991	0	20991	
TOTALS	**6.08**	**251294**	**335**	**118573**	**0**	**370202**	**0**	**456692**	**0**	**456692**	**-86490**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.5 OPEN, 15 INTERMEDIATE, 2.6 UNUSED, 0.0 CLOSED

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
DATE	RAIN DATA	60-ACRE TOTAL PRIMARY PHASE 1 & 1A	60-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
7/1/98	0.00	6470	0	1228	0	7698	0	23127	0	23127	
7/2/98	0.00	6291	0	4399	0	10690	0	9691	0	9691	
7/3/98	0.00	6291	0	1136	0	7427	0	26928	0	26928	
7/4/98	0.00	0.0	0.0	2323	0	2323	0	29267	0	29267	
7/5/98	0.09	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
7/6/98	0.15	18857	0	2525	0	21382	0	40124	0	40124	
7/7/98	0.86	0	0	1399	0	1399	0	25884	0	25884	
7/8/98	0.00	19501	0	10444	0	29945	0	8871	0	8871	
7/9/98	0.87	6981	0	1655	0	8636	0	17490	0	17490	
7/10/98	0.34	13547	0	3364	0	16911	0	0	0	0	
7/11/98	1.40	13882	0	1756	0	15638	0	5360	0	5360	
7/12/98	0.17	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
7/13/98	0.00	20014	0	2667	0	22681	0	10177	0	10177	
7/14/98	0.00	6450	0	4505	0	10955	0	9139	0	9139	
7/15/98	0.41	6385	0	4639	0	11024	0	15278	0	15278	
7/16/98	1.55	6384	0	965	0	7349	0	7911	0	7911	
7/17/98	0.00	14241	0	1280	0	15521	0	23489	0	23489	
7/18/98	0.00	6549	0	1928	0	8477	0	2127	0	2127	
7/19/98	0.00	19222	0.0	0.0	0	19222	0	0.0	0	0.0	
7/20/98	2.03	24460	0	6785	0	31245	0	22187	0	22187	
7/21/98	0.80	24634	93	4028	0	28755	0	7725	0	7725	
7/22/98	0.26	14855	0	1425	0	16280	0	16395	0	16395	
7/23/98	0.00	5206	0	2246	0	7452	0	20553	0	20553	
7/24/98	0.00	11966	0	1543	0	13509	0	15604	0	15604	
7/25/98	0.00	15262	0	3482	0	18744	0	23459	0	23459	
7/26/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
7/27/98	0.00	12052	352	7011	0	19415	0	29365	0	29365	
7/28/98	0.00	6225	0	3453	0	9678	0	8586	0	8586	
7/29/98	0.03	6191	0	6585	0	12776	0	31801	0	31801	
7/30/98	0.00	6166	0	3604	0	9770	0	21142	0	21142	
7/31/98	0.00	6157	0	2273	0	8430	0	27660	0	27660	
TOTALS	**8.96**	**304239**	**445**	**88648**	**0**	**393332**	**0**	**479340**	**0**	**479340**	**-86008**
0.0 represents No Reading											
PHASE 1 & 1A TOTAL ACRES 19.1 - 1.5 OPEN, 15 INTERMEDIATE, 2.6 UNUSED, 0.0 CLOSED											

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

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Suite 241
352-527-5446 Phone
352-527-5476 Fax

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  352-527-5447 Phone
  352-527-5459 Fax
- Permits & Compliance Sec.
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- Project Management Sec.
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- Survey Section
  Suite 241
  352-527-5446 Phone
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LECANTO, FLORIDA 34461

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  352-527-0333 Phone
  352-527-0654 Fax
- Fleet Management Section
  PO Box 215
  Lecanto, FL 34460
  352-746-6888 Phone
  352-746-5011 Fax

AQUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

October 9, 1998

D.E.P.
OCT 15 1998
SOUTHWEST DISTRICT
TAMPA

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the months of July, August, and September, 1998, together with the Year to Date Leachate Tracking Summary. We have been providing this information on a quarterly basis as you had requested.

There has been no change in the status of the problems with the leachate flow meters. Now that the new fiscal year has begun, we expect to be able to bid the contract to fix all items which were not as specified on Phase 1A Construction.

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D summary)
(SWM/CJW/Winfile/Shared/LTC/FordLea.Doc)

Department of Environmental Protection
SOUTHWEST DISTRICT
BY
OCT 13 1998
TAMPA

BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS

RECEIVED
JUL 13 1998
D E P

7/22/98
2:10 pm
Sm will fax April data
Done

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

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PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

July 10, 1998

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

Re: Citrus County Central Landfill - Permit No. SO09-274381
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17. c. of the above permit, enclosed please find the Semi-Annual Leachate Generation and Daily Precipitation Report for the months of January, February, March, April, May and June, 1998, together with the Year to Date Leachate Tracking Summary.

Please note that the meters on the secondary leachate pumping system frequently show a few gallons or a few tens of gallons of flow. We believe that these are false positive flow readings. Considering the current pump settings, any flow less than about 250 to 300 gallons is a physical impossibility. All leachate meters installed as part of Phase 1A construction are going to be replaced.

)) meters too big for pipe

If you should need additional information, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosure

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D summary)

(SWM/CJW/Winfile/DEP/FordLea.Doc)

1998 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	3.50	86644	453496	1186	0	541326	0	695066	0	695066	-153740
FEBRUARY	9.50	93334	610812	2327	0	706473	36331	655998	0	692329	14144
MARCH	6.10	94362	583587	1631	0	679580	24069	746407	0	770476	-90896
APRIL	0.84	114676	213636	921	0	329233	0	340776	0	340776	-11543
MAY	0.26	138683	161179	644	0	300506	0	292808	0	292808	7698
JUNE	2.33	123991	189383	443	0	313817	0	162572	0	162572	151245
JULY	0.00	0	0	0	0	0	0	0	0	0	0
AUGUST	0.00	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0.00	0	0	0	0	0	0	0	0	0	0
OCTOBER	0.00	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0.00	0	0	0	0	0	0	0	0	0	0
DECEMBER	0.00	0	0	0	0	0	0	0	0	0	0
											0
YTD TOTAL	**22.53**	**651690**	**2212093**	**7152**	**0**	**2870935**	**60400**	**2893627**	**0**	**2954027**	**-83092**

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
6/1/98	0.00	13466	16	2394	0	15876	0	18963	0	18963	
6/2/98	0.00	6724	6	2704	0	9434	0	0.0	0	0.0	
6/3/98	0.00	0	5	1362	0	1367	0	9797	0	9797	
6/4/98	0.00	6738	6	2723	0	9467	0	12325	0	12325	
6/5/98	0.00	6405	5	872	0	7282	0	0.0	0	0.0	
6/6/98	0.00	3487	5	1074	0	4566	0	20161	0	20161	
6/7/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
6/8/98	0.00	9153	11	2328	0	11492	0	3026	0	3026	
6/9/98	0.00	4428	8	2541	0	6977	0	7186	0	7186	
6/10/98	0.00	2387	5	3463	0	5855	0	7076	0	7076	
6/11/98	0.00	5879	6	6521	0	12406	0	6283	0	6283	
6/12/98	0.00	6359	5	1047	0	7411	0	3433	0	3433	
6/13/98	0.00	1657	4	4065	0	5726	0	9247	0	9247	
6/14/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
6/15/98	0.00	11010	9	2116	0	13135	0	14998	0	14998	
6/16/98	0.00	6290	5	2641	0	8936	0	0	0	0	
6/17/98	0.00	0	4	1005	0	1009	0	5283	0	5283	
6/18/98	0.00	6294	5	11203	0	17502	0	8183	0	8183	
6/19/98	0.00	6395	333	1450	0	8178	0	25	0	25	
6/20/98	0.00	6305	5	19725	0	26035	0	614	0	614	
6/21/98	0.05	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
6/22/98	0.00	0	0	15747	0	15747	0	0	0	0	
6/23/98	0.00	0	0	5659	0	5659	0	0	0	0	
6/24/98	0.00	3589	0	10077	0	13666	0	3579	0	3579	
6/25/98	0.00	6280	0	3247	0	9527	0	3748	0	3748	
6/26/98	0.00	6284	0	4985	0	11269	0	14904	0	14904	
6/27/98	0.00	3925	0	4260	0	8185	0	0	0	0	
6/28/98	2.21	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
6/29/98	0.07	59661	0	3469	0	63130	0	13741	0	13741	
6/30/98	0.00	6667	0	7313	0	13980	0	0	0	0	
TOTALS	**2.33**	**189383**	**443**	**123991**	**0**	**313817**	**0**	**162572**	**0**	**162572**	**151245**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.6 OPEN, 14.6 INTERMEDIATE, 2.9 UNUSED, 0.0 CLOSED

Operational Notes: See attached letter dated 6/30/98

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
5/1/98	0.00	8199	15	4475	0	12689	0	12293	0	12293	
5/2/98	0.01	7155	18	1446	0	8619	0	7914	0	7914	
5/3/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
5/4/98	0.00	10496	30	2112	0	12638	0	15882	0	15882	
5/5/98	0.15	5357	20	2995	0	8372	0	0.0	0	0	
5/6/98	0.00	5336	16	3383	0	8735	0	11732	0	11732	
5/7/98	0.00	5427	15	3267	0	8709	0	20846	0	20846	
5/8/98	0.00	10956	8	1073	0	12037	0	1936	0	1936	
5/9/98	0.00	184	10	1435	0	1629	0	22261	0	22261	
5/10/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
5/11/98	0.00	13599	20	2182	0	15801	0	20969	0	20969	
5/12/98	0.00	8590	13	3935	0	12538	0	8	0	8	
5/13/98	0.00	0.0	13	4451	0	4464	0	10171	0	10171	
5/14/98	0.00	5735	320	8261	0	14316	0	19206	0	19206	
5/15/98	0.00	5831	10	13634	0	19475	0	15758	0	15758	
5/16/98	0.00	5869	11	1794	0	7674	0	6653	0	6653	
5/17/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
5/18/98	0.00	11842	19	20637	0	32498	0	16481	0	16481	
5/19/98	0.00	6004	9	21513	0	27526	0	0.0	0	0	
5/20/98	0.00	0.0	10	11116	0	11126	0	11945	0	11945	
5/21/98	0.00	6119	10	16126	0	22255	0	21674	0	21674	
5/22/98	0.00	6233	9	979	0	7221	0	5903	0	5903	
5/23/98	0.00	6246	10	1352	0	7608	0	19537	0	19537	
5/24/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0	
5/25/98	0.00	12588	20	2527	0	15135	0	17166	0	17166	
5/26/98	0.05	0	6	3326	0	3332	0	0.0	0	0.0	
5/27/98	0.01	6303	7	1276	0	7586	0	14226	0	14226	
5/28/98	0.01	6360	10	1441	0	7811	0	13395	0	13395	
5/29/98	0.00	6750	11	2728	0	9489	0	1985	0	1985	
5/30/98	0.00	0	4	1219	0	1223	0	4867	0	4867	
5/31/98	0.03	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
TOTALS	**0.26**	**161179**	**644**	**138683**	**0**	**300506**	**0**	**292808**	**0**	**292808**	**7698**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 14 INTERMEDIATE, 3.8 UNUSED, 0.0 CLOSED

Operational Note: Due to 80-1 (s) Flow Meter out of service secondary flow was recorded by 80-4 (s) flow meter

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
4/1/98	0.00	7482	6	4471	0	11959	0	14584	0	14584	
4/2/98	0.00	7486	36	1478	0	9000	0	25574	0	25574	
4/3/98	0.00	9947	13	928	0	10888	0	17484	0	17484	
4/4/98	0.24	9325	10	1483	0	10818	0	4609	0	4609	
4/5/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
4/6/98	0.00	14600	38	2907	0	17745	0	33360	0	33360	
4/7/98	0.00	7018	418	2338	0	9774	0	12916	0	12916	
4/8/98	0.00	10116	15	1330	0	11461	0	4745	0	4745	
4/9/98	0.40	6578	10	1367	0	8055	0	13180	0	13180	
4/10/98	0.00	6469	19	1402	0	7890	0	24345	0	24345	
4/11/98	0.00	6261	22	3402	0	9685	0	17458	0	17458	
4/12/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
4/13/98	0.00	7086	45	2678	0	9811	0	18569	0	18569	
4/14/98	0.00	15509	20	2562	0	18091	0	0.0	0	0.0	
4/15/98	0.00	6663	20	8244	0	14927	0	14863	0	14863	
4/16/98	0.00	3339	16	1766	0	5121	0	10243	0	10243	
4/17/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
4/18/98	0.00	13623	34	4497	0	18154	0	21039	0	21039	
4/19/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
4/20/98	0.10	18399	26	4755	0	23180	0	10882	0	10882	
4/21/98	0.00	7944	17	9186	0	17147	0	9377	0	9377	
4/22/98	0.00	6872	15	16352	0	23239	0	3165	0	3165	
4/23/98	0.00	4194	20	24365	0	28579	0	21233	0	21233	
4/24/98	0.00	8840	25	4581	0	13446	0	10586	0	10586	
4/25/98	0.00	4583	20	1364	0	5967	0	8589	0	8589	
4/26/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
4/27/98	0.00	14186	34	2090	0	16310	0	13956	0	13956	
4/28/98	0.00	4872	15	2914	0	7801	0	0.0	0	0.0	
4/29/98	0.10	6950	15	7045	0	14010	0	10440	0	10440	
4/30/98	0.00	4992	12	1171	0	6175	0	19579	0	19579	
TOTALS	0.84	213836	921	114676	0	329233	0	340776	0	340776	-11543

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 1.2 OPEN, 14 INTERMEDIATE, 3.8 UNUSED, 0.0 CLOSED

OPERATIONAL NOTES: Due to number one secondary flow meter problem, flow has been calculated by number two flow meter.

Number one cut for repair. cjw

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
3/1/98	0.50	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
3/2/98	0.00	40509	0	5929	0	46438	0	57724	0	57724	
3/3/98	0.00	14411	78	0.0	0	14489	0	29899	0	29899	
3/4/98	0.00	5825	40	2465	0	8330	0	29225	0	29225	
3/5/98	0.00	17372	31	7839	0	25242	0	28599	0	28599	
3/6/98	0.00	9545	21	14451	0	24017	0	25772	0	25772	
3/7/98	0.00	14054	15	3966	0	18035	0	24932	0	24932	
3/8/98	1.90	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
3/9/98	0.00	40279	23	5191	0	45493	0	21311	0	21311	
3/10/98	0.00	24965	30	2067	0	27062	0	29171	0	29171	
3/11/98	0.00	11561	30	3928	0	15519	0	25609	0	25609	
3/12/98	0.00	8695	30	1636	0	10361	0	29364	0	29364	
3/13/98	0.00	12390	37	3141	0	15568	0	28948	0	28948	
3/14/98	0.00	8126	392	1780	0	10298	0	22593	0	22593	
3/15/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
3/16/98	0.00	16256	427	3080	0	19763	0	18481	0	18481	
3/17/98	0.00	7934	15	1100	0	9049	0	0.0	0	0.0	
3/18/98	2.50	12156	12	1784	0	13952	0	5184	0	5184	
3/19/98	1.20	64909	14	2301	0	67224	0	21674	0	21674	
3/20/98	0.00	100637	240	3356	0	104233	24069	27490	0	51559	
3/21/98	0.00	43073	21	2345	0	45439	0	27046	0	27046	
3/22/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
3/23/98	0.00	54163	59	1794	0	56016	0	55112	0	55112	
3/24/98	0.00	11609	23	817	0	12449	0	29894	0	29894	
3/25/98	0.00	10709	20	4884	0	15613	0	29921	0	29921	
3/26/98	0.00	7483	14	751	0	8248	0	29289	0	29289	
3/27/98	0.00	10897	18	7507	0	18422	0	28998	0	28998	
3/28/98	0.00	7110	14	2965	0	10089	0	29869	0	29869	
3/29/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
3/30/98	0.00	17894	18	3277	0	21189	0	59211	0	59211	
3/31/98	0.00	11025	9	6008	0	17042	0	7022	0	7022	
TOTALS	**6.10**	**583587**	**1631**	**94362**	**0**	**679580**	**24069**	**722338**	**0**	**746407**	**-66827**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

cjw Operational Notes: Due to number one secondary flow meter problem, flows have been calculated by pump hours from 3/1/98 to 3/31/98

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
2/1/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
2/2/98	0.00	18515	65	10595	0	29175	0	26019	0	26019	
2/3/98	2.50	93465	430	11160	0	105055	0	10627	0	10627	
2/4/98	0.00	16493	27	831	0	17351	0	7735	0	7735	
2/5/98	0.00	40504	432	1381	0	42317	0	16336	0	16336	
2/6/98	0.00	19995	159	6073	0	26227	36331	26853	0	63184	
2/7/98	0.00	13138	45	2863	0	16046	0	25488	0	25488	
2/8/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
2/9/98	0.00	18503	82	4438	0	23023	0	59785	0	59785	
2/10/98	0.00	11807	37	2485	0	14329	0	29341	0	29341	
2/11/98	0.00	191	99	1415	0	1705	0	27254	0	27254	
2/12/98	0.00	0	0	0.0	0	0.0	0	26523	0	26523	
2/13/98	0.00	13341	41	1290	0	14672	0	26129	0	26129	
2/14/98	0.00	10615	48	0.0	0	10663	0	32295	0	32295	
2/15/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
2/16/98	4.90	51488	70	6100	0	57658	0	18547	0	18547	
2/17/98	0.20	104255	29	10226	0	114510	0	2740	0	2740	
2/18/98	0.00	53760	460	2419	0	56639	0	28303	0	28303	
2/19/98	0.00	18438	35	2314	0	20787	0	30099	0	30099	
2/20/98	1.00	17018	29	3366	0	20413	0	28542	0	28542	
2/21/98	0.00	20508	34	3455	0	23997	0	30456	0	30456	
2/22/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
2/23/98	0.80	27852	51	5886	0	33789	0	61022	0	61022	
2/24/98	0.00	16775	38	1823	0	18636	0	29080	0	29080	
2/25/98	0.00	10614	37	4710	0	15361	0	29891	0	29891	
2/26/98	0.00	10132	39	5858	0	16029	0	24092	0	24092	
2/27/98	0.00	9849	22	2050	0	11921	0	29040	0	29040	
2/28/98	0.10	13556	18	2596	0	16170	0	29801	0	29801	
	0.00		0	0	0	0	0	0	0	0	
TOTALS	**9.50**	**610812**	**2327**	**93334**	**0**	**706473**	**36331**	**655998**	**0**	**692329**	**14144**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

OPERATIONAL NOTES: DUE TO METER PROBLEMS, PUMPS # 1 & 2 SECONDARY WERE OUT OF SERVICE 2/9 THROUGH 2/12 - # 1 & 2 PRIMARY OUT OF SERVICE 2/12 - PROBLEMS CORRECTED 2/13 - # 1 & 2 SECONDARY RESET AT ZERO - ALL PUMPS IN SERVICE 2/13. AFTER FURTHER OBSERVATIONS OF #1 SECONDARY FLOW METER RESULTS, POSSIBLE PROBLEM STILL REMAINS WITH FLOW RECORDED ON METERS, SUSPECTED FALSE FLOW READINGS.

ON 2/4 DUE TO HIGH LEVEL IN STORAGE TANKS ALL PUMPS WERE OPERATED BY HAND AND 37111 GALS DEVERTED TO PLANT SBR#1.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/98	0.00	15600	0	9806	0	25406	0	27453	0	27453	
1/2/98	0.00	13666	0	1553	0	15219	0	14043	0	14043	
1/3/98	0.00	9490	0	2289	0	11779	0	28370	0	28370	
1/4/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
1/5/98	0.00	30181	0	4826	0	35007	0	53725	0	53725	
1/6/98	0.15	7780	35	1094	0	8909	0	33318	0	33318	
1/7/98	0.00	15162	17	5916	0	21095	0	28954	0	28954	
1/8/98	1.00	17624	16	7010	0	24650	0	27084	0	27084	
1/9/98	0.00	27332	25	379	0	27736	0	28982	0	28982	
1/10/98	0.00	7483	33	2293	0	9809	0	29109	0	29109	
1/11/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
1/12/98	0.00	21666	79	2997	0	24742	0	56527	0	56527	
1/13/98	0.00	13723	29	4248	0	18000	0	28741	0	28741	
1/14/98	0.00	6847	24	1019	0	7890	0	17557	0	17557	
1/15/98	1.00	13817	25	1365	0	15207	0	24410	0	24410	
1/16/98	0.00	49035	387	9259	0	58681	0	27476	0	27476	
1/17/98	0.00	15361	36	2051	0	17448	0	19977	0	19977	
1/18/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
1/19/98	0.30	28018	67	4373	0	32458	0	32258	0	32258	
1/20/98	0.00	11186	42	1633	0	12861	0	29032	0	29032	
1/21/98	0.00	10914	37	2722	0	13673	0	18323	0	18323	
1/22/98	0.00	13446	26	1424	0	14896	0	29409	0	29409	
1/23/98	0.25	6974	21	2645	0	9640	0	25913	0	25913	
1/24/98	0.00	16991	24	1591	0	18606	0	15593	0	15593	
1/25/98	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
1/26/98	0.00	19141	80	3361	0	22582	0	29177	0	29177	
1/27/98	0.80	13356	29	2408	0	15793	0	5899	0	5899	
1/28/98	0.00	28304	38	4400	0	32742	0	14648	0	14648	
1/29/98	0.00	14178	40	2056	0	16274	0	18522	0	18522	
1/30/98	0.00	13366	39	1555	0	14960	0	13516	0	13516	
1/31/98	0.00	12855	37	2371	0	15263	0	17050	0	17050	
TOTALS	**3.50**	**453496**	**1186**	**86644**	**0**	**541326**	**0**	**695066**	**0**	**695066**	**-153740**
0.0 represents No Reading											
PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED											

Board of County Commissioners

Department of Public Works

MESSAGE

TO: Kim Ford - Department of Environmental Protection
(Fax 813/744-6125)

FROM: Susan J. Metcalfe, Director
Citrus County, Division of
Solid Waste Management
Fax #352/527-1204 - Phone 352/746-5000

Re: Daily Gallons Leachate Generated, Disposed and Precipitation Data

OF PAGES 2 Including cover

DATE OF TRANSMITTAL: 2/6/98

Message:

Per your request, please find the January report for the Citrus County Central Landfill.

If you should have any questions, please let me know.

Thank you.

/cjw

Ford.Fax. Word Doc

Administrative Office
Post Office Box 440
Lecanto, FL 34460
(352) 746-2694
Fax 746-3368

Aquatics
Post Office Box 440
Lecanto, FL 34460
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Engineering
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Road Maintenance
Post Office Box 167
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(352) 746-4107
Fax 746-1203

Solid Waste Management
Post Office Box 340
Lecanto, FL 34460
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Utilities
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CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
1/1/98	0.00	15600	0	9806	0	25406	0	27453	0	27453	
1/2/98	0.00	13666	0	1553	0	15219	0	14043	0	14043	
1/3/98	0.00	9490	0	2289	0	11779	0	28370	0	28370	
1/4/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
1/5/98	0.00	30181	0	4826	0	35007	0	53725	0	53725	
1/6/98	0.15	7780	35	1094	0	8909	0	33318	0	33318	
1/7/98	0.00	15162	17	5916	0	21095	0	28954	0	28954	
1/8/98	1.00	17624	16	7010	0	24650	0	27084	0	27084	
1/9/98	0.00	27332	25	379	0	27736	0	28982	0	28982	
1/10/98	0.00	7483	33	2293	0	9809	0	29109	0	29109	
1/11/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
1/12/98	0.00	21666	79	2997	0	24742	0	56527	0	56527	
1/13/98	0.00	13723	29	4248	0	18000	0	28741	0	28741	
1/14/98	0.00	6847	24	1019	0	7890	0	17557	0	17557	
1/15/98	1.00	13817	25	1365	0	15207	0	24410	0	24410	
1/16/98	0.00	49035	387	9259	0	58681	0	27476	0	27476	
1/17/98	0.00	15361	36	2051	0	17448	0	19977	0	19977	
1/18/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
1/19/98	0.30	28018	67	4373	0	32458	0	32258	0	32258	
1/20/98	0.00	11186	42	1633	0	12861	0	29032	0	29032	
1/21/98	0.00	10914	37	2722	0	13673	0	18323	0	18323	
1/22/98	0.00	13446	26	1424	0	14896	0	29409	0	29409	
1/23/98	0.25	6974	21	2645	0	9640	0	25913	0	25913	
1/24/98	0.00	16991	24	1591	0	18606	0	15593	0	15593	
1/25/98	0.00	0.0	0.0	0.0	0	0	0	0.0	0	0.0	
1/26/98	0.00	19141	80	3361	0	22582	0	29177	0	29177	
1/27/98	0.80	13356	29	2408	0	15793	0	5899	0	5899	
1/28/98	0.00	28304	38	4400	0	32742	0	14648	0	14648	
1/29/98	0.00	14178	40	2056	0	16274	0	18522	0	18522	
1/30/98	0.00	13366	39	1555	0	14960	0	13516	0	13516	
1/31/98	0.00	12855	37	2371	0	15263	0	17050	0	17050	
TOTALS	**3.50**	**453496**	**1186**	**86644**	**0**	**541326**	**0**	**695065**	**0**	**695065**	**-153740**

NR represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

Board of County Commissioners

Department of Public Works

MESSAGE

TO: Kim Ford - Department of Environmental Protection
(Fax 813/744-6125)

FROM: Susan J. Metcalfe, Director
Citrus County, Division of
Solid Waste Management
Fax #352/527-1204 - Phone 352/746-5000

Re: Daily Gallons Leachate Generated, Disposed and Precipitation Data

OF PAGES 2 including cover

DATE OF TRANSMITTAL: 2/17/98 10:00 a.m.

Message:

Per your request, please find the 1997 Annual Summary report for the Citrus County Central Landfill.

If you should have any questions, please let me know.

Thank you.

/cjw

Ford.Fax. Word Doc

Administrative Office Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-3368

Aquatics Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-9189

Engineering Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-3368

Road Maintenance Post Office Box 167 Lecanto, FL 34460 (352) 746-4107 Fax 746-1208

Solid Waste Management Post Office Box 340 Lecanto, FL 34460 (352) 746-5000 Fax 527-1204

Utilities Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-1676

002
02/17/98 10:39 3904 7465000 5271204 SOLID WASTE MGT

1997 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.20	37239	117512		0	154751	0	226358	0	226358	-71607
FEBRUARY	0.10	102479	37454		0	139933	0	175693	0	175693	-35760
MARCH	2.85	189082	108138		70000	367220	0	321376	0	321376	45844
APRIL	6.85	124258	75921		0	200179	0	300742	0	300742	-100563
MAY	0.75	117546	100102		30996	248644	0	287220	0	287220	-38576
JUNE	5.56	66527	92350		0	158877	0	209326	0	209326	-50449
JULY	5.32	85073	92062		10000	187135	0	160814	0	160814	26321
AUGUST	7.07	74033	618718	2616	0	695367	152506	449888	0	602394	92973
SEPTEMBER	5.70	123576	452138	2878	0	578592	0	659661	0	659661	-81069
OCTOBER	8.65	129166	408893	617	0	538676	0	525579	0	525579	13097
NOVEMBER	5.01	94389	473894	1667	0	569850	0	693578	0	693578	-123728
DECEMBER	11.86	105690	730903	2197	0	838790	33708	758235	0	791943	46847
YTD TOTAL	61.91	1249058	3308085	9875	110996	4678014	186214	4768470	0	4954684	-276670

Board of County Commissioners

Department of Public Works

MESSAGE

TO: Kim Ford - Department of Environmental Protection
(Fax 813/744-6125)

FROM: Susan J. Metcalfe, Director
Citrus County, Division of
Solid Waste Management
Fax #352/527-1204 - Phone 352/746-5000

Re: Daily Gallons Leachate Generated, Disposed and Precipitation Data

OF PAGES 2 including cover

DATE OF TRANSMITTAL: 2/17/98

Message:

Per your request, please find the December, 1997 report for the Citrus County Central Landfill.

If you should have any questions, please let me know.

Thank you.

/cjw

Ford.Fax. Word Doc

Administrative Office Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-3368

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Solid Waste Management Post Office Box 340 Lecanto, FL 34460 (352) 746-5000 Fax 527-1204

Utilities Post Office Box 440 Lecanto, FL 34460 (352) 746-2694 Fax 746-1676

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
12/1/97	0.10	75251	0	8815	0	84066	0	33285	0	33285	
12/2/97	0.00	11300	0	1696	0	12996	0	7128	0	7128	
12/3/97	0.00	7403	0	2825	0	10228	0	15495	0	15495	
12/4/97	0.60	15289	0	2232	0	17521	0	16939	0	16939	
12/5/97	0.00	23872	373	2021	0	26265	0	26911	0	26911	
12/6/97	0.00	11527	0	7349	0	18876	0	28217	0	28217	
12/7/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
12/8/97	0.00	17085	0	4633	0	21718	0	30927	0	30927	
12/9/97	0.60	18606	0	2427	0	21033	0	5319	0	5319	
12/10/97	0.40	15779	0	5859	0	21638	0	12855	0	12855	
12/11/97	0.10	17521	0	2279	0	19800	0	29884	0	29884	
12/12/97	2.25	38330	0	4396	0	42726	0	36482	0	36482	
12/13/97	1.80	46586	0	4120	0	50706	0	23311	0	23311	
12/14/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
12/15/97	1.10	53881	0	2823	0	56704	0	48744	0	48744	
12/16/97	0.00	21543	352	3954	0	25849	0	9011	0	9011	
12/17/97	0.00	25174	47	4942	0	30163	0	34485	0	34485	
12/18/97	0.00	11870	17	7068	0	18955	0	24909	0	24909	
12/19/97	0.00	15917	0	3549	0	19466	0	33771	0	33771	
12/20/97	0.00	16346	0	1834	0	18180	0	29625	0	29625	
12/21/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
12/22/97	0.00	23144	0	5028	0	28172	0	56892	0	56892	
12/23/97	0.00	7523	0	3054	0	10577	0	27962	0	27962	
12/24/97	0.00	14378	0	1843	0	16221	0	33030	0	33030	
12/25/97	3.00	12260	0	9577	0	21837	0	36349	0	36349	
12/26/97	1.50	120944	393	5784	0	127121	0	24388	0	24388	
12/27/97	0.40	31158	0	318	0	31476	0	24569	0	24569	
12/28/97	0.00	0.0	0.0	0.0	0	0.0	0	31399	0	31399	
12/29/97	0.00	0.0	0.0	0.0	0	0.0	33708	24009	0	57717	
12/30/97	0.00	61566	1015	5656	0	68237	0	26119	0	26119	
12/31/97	0.00	16650	0	1608	0	18258	0	26020	0	26020	
TOTALS	11.85	730903	2197	105690	0	838790	33708	758235	0	791943	46847

0.0 represents No Reading

Note:Monday readings on Effluent disposal on-site includes both Saturday & Sunday batches if 0.0 on previous day

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

1997 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

RECEIVED
DEC 26 1997
D E P

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.20	37239	117512		0	154751	0	226358	0	226358	-71607
FEBRUARY	0.10	102479	37454		0	139933	0	175693	0	175693	-35760
MARCH	2.85	189082	108138		70000	367220	0	321376	0	321376	45844
APRIL	6.85	124258	75921		0	200179	0	300742	0	300742	-100563
MAY	0.75	117546	100102		30996	248644	0	287220	0	287220	-38576
JUNE	5.56	66527	92350		0	158877	0	209326	0	209326	-50449
JULY	5.32	85073	92062		10000	187135	0	160814	0	160814	26321
AUGUST	7.07	74033	618718	2616	0	695367	152506	449888	0	602394	92973
SEPTEMBER	5.70	123576	452138	2878	0	578592	0	659661	0	659661	-81069
OCTOBER	8.65	129166	408893	617	0	538676	0	525579	0	525579	13097
NOVEMBER	5.01	94389	473894	1567	0	569850	0	693578	0	693578	-123728
DECEMBER	0.00	0	0		0	0	0	0	0	0	0
											0
YTD TOTAL	**50.06**	**1143368**	**2577182**	**7678**	**110996**	**3839224**	**152506**	**4010235**	**0**	**4162741**	**-323517**

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
11/1/97	0.00	50908	0	6210	0	57118	0	28382	0	28382	
11/2/97	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
11/3/97	0.00	26729	0	5207	0	31936	0	44913	0	44913	
11/4/97	0.00	7718	0	8805	0	16523	0	24037	0	24037	
11/5/97	0.00	0.0	0.0	2228	0	2228	0	26174	0	26174	
11/6/97	0.00	14371	522	1308	0	16201	0	22256	0	22256	
11/7/97	0.00	9745	0	1960	0	11705	0	19552	0	19552	
11/8/97	0.00	3965	0	2720	0	6685	0	26425	0	26425	
11/9/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
11/10/97	0.00	15038	0	1870	0	16908	0	56204	0	56204	
11/11/97	0.00	7366	0	4274	0	11640	0	21025	0	21025	
11/12/97	0.00	7353	0	1985	0	9338	0	22333	0	22333	
11/13/97	3.80	7470	0	1893	0	9363	0	12921	0	12921	
11/14/97	0.01	159806	685	6187	0	166678	0	18157	0	18157	
11/15/97	0.00	41158	0	3496	0	44654	0	22707	0	22707	
11/16/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
11/17/97	0.00	34394	0	5367	0	39761	0	61990	0	61990	
11/18/97	0.00	8570	360	7382	0	16312	0	28420	0	28420	
11/19/97	0.00	9354	0	9305	0	18659	0	17685	0	17685	
11/20/97	0.00	8168	0	4132	0	12300	0	21288	0	21288	
11/21/97	0.00	10	0	2642	0	2652	0	24813	0	24813	
11/22/97	0.00	18559	0	2272	0	20831	0	26603	0	26603	
11/23/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
11/24/97	0.00	12559	0	4289	0	16848	0	53969	0	53969	
11/25/97	0.00	1330	0	2623	0	3953	0	24971	0	24971	
11/26/97	0.00	7348	0	814	0	8164	0	14400	0	14400	
11/27/97	0.00	7411	0	2605	0	10016	0	21032	0	21032	
11/28/97	0.00	7269	0	1846	0	9115	0	26120	0	26120	
11/29/97	0.10	7295	0	2969	0	10264	0	27201	0	27201	
11/30/97	1.10	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
							0				
TOTALS	**5.01**	**473894**	**1567**	**94389**	**0**	**569852**	**0**	**693578**	**0**	**693578**	**-123726**

0.0 represents No Reading

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA											
DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	**TOTAL LEACHATE GENERATED**	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	**TOTAL LEACHATE DISPOSAL**	BALANCE
10/1/97	0.00	7852	0	2186	0	10038	0	22064	0	22064	
10/2/97	0.00	7736	0	2219	0	9955	0	28792	0	28792	
10/3/97	0.00	7646	0	6734	0	14380	0	21131	0	21131	
10/4/97	0.00	6392	0	3523	0	9915	0	26736	0	26736	
10/5/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/6/97	0.35	19783	0	4009	0	23792	0	53256	0	53256	
10/7/97	0.00	14418	0	2391	0	16809	0	20849	0	20849	
10/8/97	0.00	9092	0	4800	0	13892	0	24237	0	24237	
10/9/97	0.00	0	0	1933	0	1933	0	27227	0	27227	
10/10/97	0.00	7535	0	1967	0	9502	0	20574	0	20574	
10/11/97	0.00	7543	0	1954	0	9497	0	15612	0	15612	
10/12/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/13/97	0.00	7703	0	3852	0	11555	0	19281	0	19281	
10/14/97	0.00	7320	0	7745	0	15065	0	0.0	0	0.0	
10/15/97	0.00	7519	270	2060	0	9849	0	19813	0	19813	
10/16/97	0.00	7485	0	4066	0	11551	0	12649	0	12649	
10/17/97	0.00	0	0	2658	0	2658	0	23252	0	23252	
10/18/97	0.20	7450	0	1898	0	9348	0	17527	0	17527	
10/19/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/20/97	0.00	40216	0	9746	0	49962	0	22154	0	22154	
10/21/97	0.00	7711	0	6142	0	13853	0	7086	0	7086	
10/22/97	0.00	7601	0	12013	0	19614	0	15207	0	15207	
10/23/97	0.00	7431	0	3258	0	10689	0	13960	0	13960	
10/24/97	0.00	7448	0	1570	0	9018	0	15690	0	15690	
10/25/97	1.50	51535	0	6926	0	58461	0	10899	0	10899	
10/26/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
10/27/97	4.10	59506	0	6426	0	65932	0	23239	0	23239	
10/28/97	0.00	76480	347	5002	0	81829	0	8053	0	8053	
10/29/97	0.00	10072	0	2141	0	12213	0	13843	0	13843	
10/30/97	0.00	7742	0	19519	0	27261	0	26030	0	26030	
10/31/97	2.50	7677	0	2428	0	10105	0	16418	0	16418	
TOTALS	**8.65**	**408893**	**617**	**129166**	**0**	**538676**	**0**	**525579**	**0**	**525579**	**13097**
0.0 Represents No Reading - 0 Represents No Flow											
PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED											

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
9/1/97	0.00	7880	0	4746	0	12626	0	29294	0	29294	
9/2/97	0.00	7939	1	4755	0	12695	0	11170	0	11170	
9/3/97	2.30	39719	251	3599	0	43569	0	23035	0	23035	
9/4/97	0.00	8949	752	3284	0	12985	0	21992	0	21992	
9/5/97	0.00	17725	146	8746	0	26617	0	26359	0	26359	
9/6/97	0.00	18493	588	2829	0	21910	0	22569	0	22569	
9/7/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/8/97	0.00	22430	2	10805	0	33237	0	63439	0	63439	
9/9/97	0.00	9098	589	3535	0	13222	0	41670	0	41670	
9/10/97	0.00	10706	2	2384	0	13092	0	33537	0	33537	
9/11/97	0.00	8825	0	2465	0	11290	0	28145	0	28145	
9/12/97	0.00	7889	0	5135	0	13024	0	18331	0	18331	
9/13/97	0.00	8022	0	4968	0	12990	0	29640	0	29640	
9/14/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/15/97	0.00	15668	0	18616	0	34284	0	51239	0	51239	
9/16/97	0.00	3137	282	3287	0	6706	0	20454	0	20454	
9/17/97	0.00	4618	0	1658	0	6276	0	44580	0	44580	
9/18/97	0.20	18305	0	3266	0	21571	0	19709	0	19709	
9/19/97	0.00	8020	0	6689	0	14709	0	20252	0	20252	
9/20/97	0.00	12693	0	2554	0	15247	0	20061	0	20061	
9/21/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/22/97	0.00	7799	0	3941	0	11740	0	42400	0	42400	
9/23/97	0.00	7668	0	2042	0	9710	0	5508	0	5508	
9/24/97	0.40	17047	0	2145	0	19192	0	13190	0	13190	
9/25/97	0.00	8186	0	2454	0	10640	0	8788	0	8788	
9/26/97	0.30	7778	0	2504	0	10282	0	19101	0	19101	
9/27/97	1.90	78636	0	8193	0	86829	0	15891	0	15891	
9/28/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
9/29/97	0.60	78448	265	5804	0	84517	0	22111	0	22111	
9/30/97	0.00	16460	0	3172	0	19632	0	7196	0	7196	
TOTALS	**5.70**	**452138**	**2878**	**123576**	**0**	**578592**	**0**	**659661**	**0**	**659661**	**-81069**

0.0 Represents No Reading - 0 Represents No Flow

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED /cjw

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	80-ACRE TOTAL PRIMARY PHASE 1 & 1A	80-ACRE TOTAL SECONDARY PHASE 1A	7 ACRE LEACHATE FLOW	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE GENERATED	LEACHATE (RAW) DISPOSAL OFF-SITE TO BW WWTP	LEACHATE EFFLUENT DISPOSAL ON-SITE	LEACHATE EFFLUENT DISPOSAL OFF-SITE	TOTAL LEACHATE DISPOSAL	BALANCE
8/1/97	0.00	3450	0	2889	0	6339	0	8167	0	8167	
8/2/97	0.00	87484	0	2267	0	89751	0	6892	0	6892	
8/3/97	0.00	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0	
8/4/97	0.10	779	0	5803	0	6582	0	13546	0	13546	
8/5/97	1.80	0	0	2529	0	2529	0	0	0	0	
8/6/97	0.65	14437	0	2406	0	16843	0	8575	0	8575	
8/7/97	0.00	4095	0	2797	0	6892	0	9383	0	9383	
8/8/97	0.00	40390	0	2674	0	43064	0	15132	0	15132	
8/9/97	1.00	58260	0	2354	0	60614	0	13111	0	13111	
8/10/97	0.00	32656	0	2257	0	34913	0	9689	0	9689	
8/11/97	1.50	21302	0	2270	0	23572	0	18594	0	18594	
8/12/97	0.75	20667	0	993	0	21660	33292	22836	0	56128	
8/13/97	0.00	22770	0	446	0	23216	20185	15152	0	35337	
8/14/97	0.00	44464	0	476	0	44940	33371	12339	0	45710	
8/15/97	0.00	22248	0	254	0	22502	0	21722	0	21722	
8/16/97	0.00	22541	0	352	0	22893	0	16495	0	16495	
8/17/97	0.00	0.0	0.0	0.0	0	0.0	0	19181	0	19181	
8/18/97	0.50	35632	0	483	0	36115	0	15000	0	15000	
8/19/97	0.00	36117	0	18	0	36135	33071	14451	0	47522	
8/20/97	0.00	40818	0	7	0	40825	32587	13005	0	45592	
8/21/97	0.50	8392	0	3379	0	11771	0	13718	0	13718	
8/22/97	0.27	32751	0	3548	0	36299	0	19585	0	19585	
8/23/97	0.00	16247	2351	11891	0	30489	0	22339	0	22339	
8/24/97	0.00	8348	0	0	0	8348	0	26073	0	26073	
8/25/97	0.00	8230	0	7415	0	15645	0	16910	0	16910	
8/26/97	0.00	8087	0	3134	0	11221	0	3399	0	3399	
8/27/97	0.00	8061	0	3309	0	11370	0	26371	0	26371	
8/28/97	0.00	8016	0	1462	0	9478	0	14882	0	14882	
8/29/97	0.00	7987	265	3998	0	12250	0	21466	0	21466	
8/30/97	0.00	7939	0	4622	0	12561	0	18617	0	18617	
8/31/97	0.00	0.0	0.0	0.0	0	0.0	0	13258	0	13258	
TOTALS	**7.07**	**622168**	**2616**	**74033**	**0**	**698817**	**152506**	**449888**	**0**	**602394**	**96423**

0.0 Represents No Reading - 0 Represents No Flow

PHASE 1 & 1A TOTAL ACRES 19.1 - 0.5 OPEN, 13.6 INTERMEDIATE, 5.0 UNUSED, 0.0 CLOSED

cjw

CITRUS COUNTY CENTRAL LANDFILL

	A	B	C	E	F	G	I	J	K	M	N	O	Q	R	S	T	U	V	X	Y	Z	AA	AB	AC	AD	AF	AG
1			80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	7-A (5)		7-A	*LESS RECIR-*	7-ACRE	SURFACE	TOTAL	EFFLUENT	EFFLUENT	
2			L S		FLOW	L S		FLOW	L S		FLOW	L S		FLOW	TOTAL	TOTAL	FLOW	(P) L S		FLOW	*CULATION*	TOTAL FLOW	LEACHATE	LS FLOW	METER	FLOW	Operational
3	DATE	DAY	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	C	GALLON	TO TANKS	GALLONS	FLOW GAL	GALLONS		GALLONS	Notes
4		BAL	2832			1178090			152623			3279						356121							52936	NR	NR = No reading
5	11/1/97	SAT	2832	A	0	1203780	A	25690	177841	A	25218	3279	A	0	50908	0	50908	362331	A	6210	0	6210	0	57118	81318	28382	
6	11/2/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	0	NR	NR	A	NR	0	NR	0	NR	NR	NR	
7	11/3/97	MON	2832	A	0	1228755	A	24975	179595	A	1754	3279	A	0	26729	0	26729	367538	A	5207	0	5207	0	31936	126231	44913	
8	11/4/97	TUE	2832	A	0	1236473	A	7718	179595	A	0	3279	A	0	7718	0	7718	376343	A	8805	0	8805	0	16523	150268	24037	
9	11/5/97	WED	2832	A	0	1236473	A	0	179595	A	0	3279	A	0	NR	0	NR	378571	A	2228	0	2228	0	2228	176442	26174	
10	11/6/97	THUR	3120	A	288	1242895	A	6422	187544	A	7949	3513	A	234	14371	522	14893	401879	A	23308	22000	1308	0	16201	198698	22256	
11	11/7/97	FRI	3120	A	0	1242895	A	0	197289	A	9745	3513	A	0	9745	0	9745	403839	A	1960	0	1960	0	11705	218250	19552	
12	11/8/97	SAT	3120	A	0	1242895	A	0	201254	A	3965	3513	A	0	3965	0	3965	406559	A	2720	0	2720	0	6685	244675	26425	
13	11/9/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	0	NR	NR	A	NR	0	NR	0	NR	NR	NR	
14	11/10/97	MON	3120	A	0	1250383	A	7488	208804	A	7550	3513	A	0	15038	0	15038	414429	A	7870	6000	1870	0	16908	300879	56204	
15	11/11/97	TUE	3120	A	0	1257749	A	7366	208804	A	0	3513	A	0	7366	0	7366	418703	A	4274	0	4274	0	11640	321904	21025	
16	11/12/97	WED	3120	A	0	1265102	A	7353	208804	A	0	3513	A	0	7353	0	7353	420688	A	1985	0	1985	0	9338	344237	22333	
17	11/13/97	THUR	3120	A	0	1272572	A	7470	208804	A	0	3513	A	0	7470	0	7470	422581	A	1893	0	1893	0	9363	357158	12921	
18	11/14/97	FRI	3120	A	0	1354437	A	81865	286745	A	77941	4198	A	685	159806	685	160491	428768	A	6187	0	6187	0	166678	375315	18157	
19	11/15/97	SAT	3120	A	0	1378841	A	24404	303499	A	16754	4198	A	0	41158	0	41158	432264	A	3496	0	3496	0	44654	398022	22707	
20	11/16/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	0	NR	NR	A	NR	0	NR	0	NR	NR	NR	
21	11/17/97	MON	3120	A	0	1399883	A	21042	316851	A	13352	4198	A	0	34394	0	34394	437631	A	5367	0	5367	0	39761	460012	61990	
22	11/18/97	TUE	3480	A	360	1408451	A	8568	316853	A	2	4198	A	0	8570	360	8930	445013	A	7382	0	7382	0	16312	488432	28420	
23	11/19/97	WED	3480	A	0	1417623	A	9172	317035	A	182	4198	A	0	9354	0	9354	454318	A	9305	0	9305	0	18659	506117	17685	
24	11/20/97	THUR	3480	A	0	1425471	A	7848	317355	A	320	4198	A	0	8168	0	8168	458450	A	4132	0	4132	0	12300	527405	21288	
25	11/21/97	FRI	3480	A	0	1425471	A	0	317365	A	10	4198	A	0	10	0	10	461092	A	2642	0	2642	0	2652	552218	24813	
26	11/22/97	SAT	3480	A	0	1431251	A	5780	330144	A	12779	4198	A	0	18559	0	18559	463364	A	2272	0	2272	0	20831	578821	26603	
27	11/23/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	0	NR	NR	A	NR	0	NR	0	NR	NR	NR	
28	11/24/97	MON	3480	A	0	1443440	A	12189	330514	A	370	4198	A	0	12559	0	12559	467653	A	4289	0	4289	0	16848	632790	53969	
29	11/25/97	TUE	3480	A	0	1444770	A	1330	330514	A	0	4198	A	0	1330	0	1330	470276	A	2623	0	2623	0	3953	657761	24971	
30	11/26/97	WED	3480	A	0	1452118	A	7348	330514	A	0	4200	A	2	7348	2	7350	509614	A	39338	38524	814	0	8164	672161	14400	
31	11/27/97	THUR	3480	A	0	1459529	A	7411	330514	A	0	4200	A	0	7411	0	7411	512219	A	2605	0	2605	0	10016	693193	21032	
32	11/28/97	FRI	3480	A	0	1466798	A	7269	330514	A	0	4200	A	0	7269	0	7269	514065	A	1846	0	1846	0	9115	719313	26120	PUMP OPERATION
33	11/29/97	SAT	3480	A	0	1474093	A	7295	330514	A	0	4200	A	0	7295	0	7295	517034	A	2969	0	2969	0	10264	746514	27201	CODE:
34	11/30/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	0	NR	NR	A	NR	0	NR	0	NR	NR	NR	C CODE COLUMN
36																											O PUMPS OFF
36					648			296003			177891			921	473894	1569	475463			160913	66524	94389	0	569852		693578	M MANUAL
37																											cjw

CITRUS COUNTY CENTRAL LANDFILL

	A	B	C	E	F	G	I	J	K	M	N	O	Q	R	S	T	U	V	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	DATE	DAY	80-1 (S)		80-1	80 2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	7-A (S)		7-A	*LESS RECIR-*	7-ACRE	SURFACE	TOTAL	EFFLUENT		EFFLUENT	
2			LS		FLOW	LS		FLOW	LS		FLOW	LS		FLOW	TOTAL	TOTAL	FLOW	(P) LS		FLOW	*CULATION*	TOTAL FLOW	LEACHATE	LS FLOW	METER		FLOW	Operational
3			METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	C	GALLON	TO TANXS	GALLONS	FLOW GAL	GALLONS			GALLONS	Notes
4		BAL	2832			874062			47758			2662						226955							527357	527357		NR = No reading
5	10/1/97	WED	2832	A	0	881914	A	7852	47758	A	0	2662	A	0	7852	0	7852	229141	A	2186	0	2186	0	10038	549421	549421	22064	
6	10/2/97	THUR	2832	A	0	889650	A	7736	47758	A	0	2662	A	0	7736	0	7736	231360	A	2219	0	2219	0	9955	578213	578213	28792	
7	10/3/97	FRI	2832	A	0	897296	A	7646	47758	A	0	2662	A	0	7646	0	7648	238094	A	6734	0	6734	0	14380	599344	599344	21131	
8	10/4/97	SAT	2832	A	0	903688	A	6392	47758	A	0	2662	A	0	6392	0	6392	241617	A	3523	0	3523	0	9915	626080	626080	26736	
9	10/5/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR		NR	A	NR	0	NR	0	NR	NR	626080	NR	
10	10/6/97	MON	2832	A	0	923471	A	19783	47758	A	0	2662	A	0	19783	0	19783	245626	A	4009	0	4009	0	23792	679336	679336	53256	
11	10/7/97	TUES	2832	A	0	937889	A	14418	47758	A	0	2662	A	0	14418	0	14418	248017	A	2391	0	2391	0	16809	700185	700185	20849	
12	10/8/97	WED	2832	A	0	946981	A	9092	47758	A	0	2662	A	0	9092	0	9092	252817	A	4800	0	4800	0	13892	724422	724422	24237	
13	10/9/97	THUR	2832	A	0	946981	A	0	47758	A	0	2662	A	0	0	0	0	254750	A	1933	0	1933	0	1933	751649	751649	27227	
14	10/10/97	FRI	2832	A	0	954516	A	7535	47758	A	0	2662	A	0	7535	0	7535	256717	A	1967	0	1967	0	9502	772223	772223	20674	
15	10/11/97	SAT	2832	A	0	962059	A	7543	47758	A	0	2662	A	0	7543	0	7543	258671	A	1954	0	1954	0	9497	787835	787835	15612	
16	10/12/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR		NR	A	NR	0	NR	0	NR	NR	787835	NR	
17	10/13/97	MON	2832	A	0	969762	A	7703	47758	A	0	2662	A	0	7703	0	7703	262523	A	3852	0	3852	0	11555	807116	807116	19281	
18	10/14/97	TUES	2832	A	0	977082	A	7320	47758	A	0	2662	A	0	7320	0	7320	270268	A	7745	0	7745	0	15065	807116	807116	NR	
19	10/15/97	WED	2832	A	0	984601	A	7519	47758	A	0	2932	A	270	7519	270	7789	272328	A	2060	0	2060	0	9849	826929	826929	19813	
20	10/16/97	THUR	2832	A	0	992086	A	7485	47758	A	0	2932	A	0	7485	0	7485	276394	A	4066	0	4066	0	11551	839578	839578	12649	
21	10/17/97	FRI	2832	A	0	992086	A	0	47758	A	0	2932	A	0	0	0	0	279052	A	2658	0	2658	0	2658	862830	862830	23252	*Note 10/29
22	10/18/97	SAT	2832	A	0	999536	A	7450	47758	A	0	2932	A	0	7450	0	7450	280950	A	1898	0	1898	0	9348	880357	880357	17527	Effluent meter
23	10/19/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR		NR	A	NR	0	NR	0	NR	NR	880357	NR	set - flow calculated
24	10/20/97	MON	2832	A	0	1039752	A	40216	47758	A	0	2932	A	0	40216	0	40216	290696	A	9746	0	9746	0	49962	902511	902511	22154	separate -meter
25	10/21/97	TUES	2832	A	0	1047483	A	7711	47758	A	0	2932	A	0	7711	0	7711	298838	A	6142	0	6142	0	13853	909597	909597	7085	reading 10488 plus
26	10/22/97	WED	2832	A	0	1055064	A	7601	47758	A	0	2932	A	0	7601	0	7601	308851	A	12013	0	12013	0	19614	924804	924804	15207	flow 996645 to
27	10/23/97	THUR	2832	A	0	1062495	A	7431	47758	A	0	2932	A	0	7431	0	7431	312109	A	3258	0	3258	0	10689	938764	938764	13960	1000000 = 3.355 plus
28	10/24/97	FRI	2832	A	0	1069943	A	7448	47758	A	0	2932	A	0	7448	0	7448	313679	A	1570	0	1570	0	9018	954454	954454	15690	10488 = 13843 total
29	10/25/97	SAT	2832	A	0	1097502	A	27559	71734	A	23976	2932	A	0	51535	0	51535	320605	A	6926	0	6926	0	58461	965353	965353	10899	
30	10/26/97	SUN	NR	A	NR	NR	A	NR	NR	A	NR	NR	A	NR	NR	NR		NR	A	NR	0	NR	0	NR	NR	965353	NR	
31	10/27/97	MON	2832	A	0	1115633	A	18131	113109	A	41375	2932	A	0	59506	0	59506	327031	A	6426	0	6426	0	65932	988592	988592	23239	
32	10/28/97	TUES	2832	A	0	1153672	A	38039	151550	A	38441	3279	A	347	76480	347	76827	332033	A	5002	0	5002	0	81829	996645	996645	8053	PUMP OPERATION
33	10/29/97	WED	2832	A	0	1162672	A	9000	152622	A	1072	3279	A	0	10072	0	10072	334174	A	2141	0	2141	0	12213	10488	10488	13843	CODE
34	10/30/97	THUR	2832	A	0	1170413	A	7741	152623	A	1	3279	A	0	7742	0	7742	353693	A	19519	0	19519	0	27261	36518	36518	26030	C CODE COLUMN
35	10/31/97	FRI	2832	A	0	1178090	A	7677	152623	A	0	3279	A	0	7677	0	7677	356121	A	2428	0	2428	0	10105	52936	52936	16418	A AUTOMATIC
36																												O PUMPS OFF
37	TOTAL				0			304028			104865			617	408893	617	409510			129166	0	129166	0	538676			525579	M MANUAL
38																												C/W
39																												
40																												
41																												
42																												
43																												
44																												

CITRUS COUNTY CENTRAL LANDFILL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	DATE	DAY	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	7-A (S)		7-A	LESS RECIR-	7-ACRE	SURFACE	TOTAL	EFFLUENT	EFFLUENT	
2			L S		FLOW	L S		FLOW	L S		FLOW	L S		FLOW	TOTAL	TOTAL	FLOW	(P) L S		FLOW	CULATION	TOTAL FLOW	LEACHATE	LS FLOW	METER	FLOW	Operational
3			METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLONS	METER	C	GALLON	TO TANKS	GALLONS	FLOW GAL	GALLONS		GALLONS	Notes
4		BAL	1669			513801			104912			947						70379							878423		0 0 - Represents
5	9/1/97	MON	1669	A	0	521681	A	7880	104928	A	0	947	A	0	7880	0	7880	75125	A	4746	0	4746	0	12626	907717	29294	No reading
6	9/2/97	TUES	1670	A	1	529816	A	7935	104932	A	4	947	A	0	7930	1	7940	94680	A	19755	15,000	4755	0	12695	918887	11170	0 - Represents
7	9/3/97	WED	1670	A	0	552712	A	23096	121555	A	16623	1198	A	251	39719	251	39970	98479	A	3599	0	3599	0	43569	941922	23035	No flow
8	9/4/97	THUR	2206	A	536	558047	A	5335	125169	A	3814	1414	A	216	8949	752	9701	101763	A	3284	0	3284	0	12985	963914	21992	
9	9/5/97	FRI	2213	A	7	569503	A	11456	131438	A	6269	1553	A	139	17725	146	17871	110509	A	8746	0	8746	0	26617	990273	26359	
10	9/6/97	SAT	2663	A	450	581145	A	11642	138289	A	6851	1691	A	138	18493	588	19081	113338	A	2829	0	2829	0	21910	22569	22569	
11	9/7/97	SUN	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	0.0	0.0	0.0	A	0.0	0	0.0	0	0.0	0.0	0.0	FLOW ON
12	9/8/97	MON	2665	A	2	592817	A	11672	149047	A	10758	1691	A	0	22430	2	22432	124143	A	10805	0	10805	0	33237	86008	63439	MONDAY(S)
13	9/9/97	TUES	2831	A	166	598735	A	5918	*3180	A	3180	2114	A	423	9098	589	9687	127678	A	3535	0	3535	0	13222	127678	41670	THE 8TH &
14	9/10/97	WED	2832	A	1	604194	A	5459	8427	A	5247	2115	A	1	10706	2	10708	130062	A	2384	0	2384	0	13092	161215	33537	THE 14TH
15	9/11/97	THUR	2832	A	0	612544	A	8350	8902	A	475	2115	A	0	8825	0	8825	132527	A	2465	0	2465	0	11290	189360	28145	INCLUDES
16	9/12/97	FRI	2832	A	0	620433	A	7889	8902	A	0	2115	A	0	7889	0	7889	137662	A	5135	0	5135	0	13024	207691	18331	BATCHES
17	9/13/97	SAT	2832	A	0	628455	A	8022	8902	A	0	2115	A	0	8022	0	8022	160630	A	22968	18000	4968	0	12990	237331	29640	PRPEARED
18	9/14/97	SUN	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	0.0	0.0	0.0	A	0.0	0	0.0	0	0.0	0.0	0.0	BY THE
19	9/15/97	MON	2832	A	0	644123	A	15668	8902	A	0	2115	A	0	15668	0	15668	179246	A	18616	0	18616	0	34284	288570	51239	OPERATOR
20	9/16/97	TUES	2832	A	0	647260	A	3137	8902	A	0	2397	A	282	3137	282	3419	182533	A	3287	0	3287	0	6706	309024	20454	ON THE
21	9/17/97	WED	2832	A	0	651878	A	4618	8902	A	0	2397	A	0	4618	0	4618	184191	A	1658	0	1658	0	8276	333150	44580	PREVIOUS
22	9/18/97	THUR	2832	A	0	670183	A	18305	8902	A	0	2397	A	0	18305	0	18305	187457	A	3266	0	3266	0	21571	352859	19709	SUNDAY
23	9/19/97	FRI	2832	A	0	678203	A	8020	8902	A	0	2397	A	0	8020	0	8020	194146	A	6689	0	6689	0	14709	373111	20252	
24	9/20/97	SAT	2832	A	0	678248	A	45	21550	A	12648	2397	A	0	12693	0	12693	196700	A	2554	0	2554	0	15247	393172	20061	
25	9/21/97	SUN	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	0.0	0.0	0.0	A	0.0	0	0.0	0	0.0	0.0	0.0	*9/9/97 METER
26	9/22/97	MON	2832	A	0	686029	A	7781	21568	A	18	2397	A	0	7799	0	7799	200641	A	3941	0	3941	0	11740	435572	42400	RESET TO ZERO
27	9/23/97	TUES	2832	A	0	693897	A	7868	21568	A	0	2397	A	0	7868	0	7868	202683	A	2042	0	2042	0	9710	441080	5508	PREVIOUS DAY
28	9/24/97	WED	2832	A	0	710744	A	17047	21568	A	0	2397	A	0	17047	0	17047	204828	A	2145	0	2145	0	19192	454270	13190	
29	9/25/97	THUR	2832	A	0	718930	A	8186	21568	A	0	2397	A	0	8186	0	8186	207282	A	2454	0	2454	0	10640	463058	8788	
30	9/26/97	FRI	2832	A	0	726708	A	7778	21568	A	0	2397	A	0	7778	0	7778	209786	A	2504	0	2504	0	10282	482159	19101	
31	9/27/97	SAT	2832	A	0	784777	A	58089	42135	A	20567	2397	A	0	78636	0	78636	217979	A	8193	0	8193	0	86829	498050	15891	
32	9/28/97	SUN	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	A	0.0	0.0	0.0	0.0	0.0	A	0.0	0	0.0	0	0.0	0.0	0.0	PUMP OPERATION
33	9/29/97	MON	2832	A	0	857609	A	72832	47751	A	5616	2662	A	265	78448	265	78713	223783	A	5804	0	5804	0	84517	520161	22111	CODE:
34	9/30/97	TUES	2832	A	0	874062	A	16453	47758	A	7	2662	A	0	16460	0	16460	226955	A	3172	0	3172	0	19632	527357	7196	C: CODE COLUMN
35																											A: AUTOMATIC
36																											O: PUMPS OFF
37	TOTAL				1163			360261			91877			1715	452138	2878	455016			156576	33000	123576	0	578592		659661	

CITRUS COUNTY CENTRAL LANDFILL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1			80-A		80-A	80-1 (S)		80-1	80-2 (P)		80-2	80-3 (P)		80-3	80-4 (S)		80-4	80-ACRE	80-ACRE	80-TOTAL	7-A (5)		7-ACRE	LESS	7-ACRE	SURFACE	TOTAL	EFFLUENT	EFFLUENT	
2			L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	L.S.		FLOW	TOTAL	TOTAL	FLOW	(P) L.S.		FLOW	RECIR-	TOTAL FLOW	LEACHATE	FLOW	METER	FLOW	Operational
3	DATE	DAY	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	METER	C	GAL	PRIMARY	SECONDARY	GALLLONS	METER	C	GALLON	CULATION	GALLONS	FLOW GAL	LEACHATE		GALLLONS	Notes
4		BAL.	253817																		642701							428535		0.0-Represents
5	8/1/97	FRI	257267		3450				*New Meter											3450	645590	A	2889	0	2889	0	6339	436702	8167	No reading
6	8/2/97	SAT	*Meter		0.0				87484	M	87484							87484		87484	647857	A	2267	0	2267	0	89751	443594	6892	0 - Represents
7	8/3/97	SUN	Replaced		0.0				0.0	M	0.0							0.0		0.0	0.0	A	0.0	0	0.0	0	0.0	0.0	0.0	No Flow
8	8/4/97	MON	by No. 2		0.0				88263	M	779							779		779	653660	A	5803	0	5803	0	6582	457140	13546	
9	8/5/97	TUE			0.0				88263	M	0.0							0.0		0.0	656189	A	2529	0	2529	0	2529	0.0	0.0	
10	8/6/97	WED			0.0				102700	M	14437							14437		14437	658595	A	2406	0	2406	0	16843	465715	8575	
11	8/7/97	THUR			0.0				106795	M	4095							4095		4095	661392	A	2797	0	2797	0	6892	475098	9383	
12	8/8/97	FRI			0.0				147185	M	40390							40390		40390	664066	A	2674	0	2674	0	43064	490230	15132	
13	8/9/97	SAT			0.0				205445	M	58260							58260		58260	666420	A	2354	0	2354	0	60614	503341	13111	
14	8/10/97	SUN			0.0				238101	M	32656							32656		32656	668677	A	2257	0	2257	0	34913	513030	9689	
15	8/11/97	MON			0.0				259403	M	21302							21302		21302	670947	A	2270	0	2270	0	23572	531624	18594	
16	8/12/97	TUE			0.0				280070	M	20667							20667		20667	671940	A	993	0	993	0	21660	554460	22836	
17	8/13/97	WED			0.0				302840	M	22770	*New Meter						22770		22770	672386	M	446	0	446	0	23216	569612	15152	
18	8/14/97	THUR			0.0				326222	M	23382	21082	M	21082				44464		44464	672862	M	476	0	476	0	44940	581951	12339	
19	8/15/97	FRI			0.0				337470	M	11248	32090	M	11000				22248		22248	673116	M	254	0	254	0	22502	603673	21722	
20	8/16/97	SAT			0.0				344507	M	7037	47594	M	15504				22541		22541	673468	M	352	0	352	0	22893	620168	16495	
21	8/17/97	SUN			0.0				0.0	M	0.0	0.0	M	0.0				0.0		0.0	0.0	M	0.0	0	0.0	0	0.0	0.0	0.0	
22	8/18/97	MON			0.0				380139	M	35632	0.0	M	0.0				35632		35632	673951	M	483	0	483	0	36115	654349	34181	Monday the
23	8/19/97	TUE			0.0				380139	M	0	83711	M	36117				36117		36117	673969	M	18	0	18	0	36135	668800	14451	18th reading
24	8/20/97	WED			0.0				400707	M	20568	103961	M	20250				40818		40818	673976	M	7	0	7	0	40825	681805	13005	includes
25	8/21/97	THUR			0.0				409093	M	8386	103967	M	6				8392		8392	677355	M	3379	0	3379	0	11771	695523	13718	Effluent
26	8/22/97	FRI			0.0	*New Meter			441783	M	32690	104028	M	61	*New Meter			32751		32751	*3548	M	3548	0	3548	0	36299	715108	19585	discharge
27	8/23/97	SAT			0.0	1669	M	1669	457236	M	15453	104822	M	794	682	M	682	16247	2351	18598	15439	M	11891	0	11891	0	30489	737447	22339	on Sunday
28	8/24/97	SUN			0.0	1669	M	0	465571	M	8335	104835	M	13	682	M	0	8348	0	8348	0.0	M	0.0	0	0.0	0	8348	763520	26073	the 17th
29	8/25/97	MON			0.0	1669	M	0	473797	M	8226	104839	M	4	682	M	0	8230	0	8230	22854	M	7415	0	7415	0	15645	780430	16910	
30	8/26/97	TUE			0.0	1669	M	0	481875	M	8078	104844	M	9	682	M	0	8087	0	8087	25988	M	3134	0	3134	0	11221	783829	3399	PUMP
31	8/27/97	WED			0.0	1669	M	0	489916	M	8041	104855	M	20	682	M	0	8061	0	8061	29297	M	3309	0	3309	0	11370	810200	26371	OPERATIONAL
32	8/28/97	THUR			0.0	1669	M	0	497898	M	7982	104889	M	34	682	M	0	8016	0	8016	40759	M	11462	10000	1462	0	9478	825082	14882	CODE
33	8/29/97	FRI			0.0	1669	M	0	505868	M	7970	104906	M	17	947	M	265	7987	265	8252	44757	M	3998	0	3998	0	12250	846548	21466	C CODE COLUMN
34	8/30/97	SAT			0.0	1669	M	0	513801	M	7933	104912	M	6	947	M	0	7939	0	7939	70379	M	25622	21000	4622	0	12561	865165	18617	A AUTOMATIC
35	8/31/97	SUN			0.0	0.0	M	0.0	0.0	M	0.0	0.0	M	0.0	0.0	M	0.0	0.0	0.0	0.0	0.0	M	0.0	0	0.0	0	0.0	878423	13258	M MANUAL
36																					*New Meter									O PUMPS OFF
37	TOTAL				3450			1669			513801			104917			947	618718	2616	624784			105033	31000	74033	0	698817		449888	

D.E.P.
JUL 23 1997
TAMPA

1996 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	4.61	24523	134914	14982	174419	0	0	177425	177425	-3006
FEBRUARY	1.50	14730	113222	10385	138337	0	0	145958	145958	-7621
MARCH	9.20	67104	127092	15500	209696	0	0	201755	201755	7941
APRIL	2.00	46852	147539	97000	291391	0	0	254268	254268	37123
MAY	1.12	30604	143347	43100	217051	0	15611	163522	179133	37918
JUNE	7.90	28717	122132	20350	171199	122795	0	77519	200314	-29115
JULY	7.65	52859	150370	27700	230929	5950	0	211521	217471	13458
AUGUST	5.73	48188	155289	101820	305297	0	0	321270	321270	-15973
SEPTEMBER	4.30	46625	141238	0	187863	0	0	246439	246439	-58576
OCTOBER	3.05	44506	141157	0	185663	0	0	163205	163205	22458
NOVEMBER	0.90	33380	126075	0	159455	0	134573	28915	163488	-4033
DECEMBER	4.65	36153	120987	0	157140	0	217073	0	217073	-59933
YTD TOTAL	52.61	474241	1623362	330837	2428440	128745	367257	1991797	2487799	-59359

FILE NAME: YTDSUM96

JULY 1997

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	CITRUS COUNTY CENTRAL LANDFILL												FILE NAME: LEACHIII		
2	DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA														
3															
4						SURFACE		LEACHATE (RAW)	EFFLUENT	EFFLUENT					
5			RAIN	LEACHATE	LEACHATE	LEACHATE OR	TOTAL	DISPOSAL	DISPOSAL	DISPOSAL	TOTAL				
6	DATE		DATA	7 ACRE	80 ACRE	SPECIAL PROJECT	LEACHATE	OFF-SITE	ON-SITE	OFF-SITE	DISPOSAL	BALANCE			
7	7/1/97		1.10	0	0	0		0		0	0		NOTES:		
8	7/2/97		0.00	4858	8945	0		0	103	0	103		80 Acre site: Flow		
9	7/3/97		0.00	2396	1	0	2397	0	13641	0	13641		meter out of Service		
10	7/4/97		0.00	2810	5962	0	8772	0	6669	0	6669		due to construction.		
11	7/5/97		0.10	2867	3135	0	6002	0	6462	0	6462		Flows calulated by		
12	7/6/97		0.00	0	0	0	0	0	0	0	0		holding ta	k measure-	
13	7/7/97		0.00	4688	6926	0	11614	0	6076	0	6076		ments.		
14	7/8/97		0.00	2046	3737	0	5783	0	6824	0	6824				
15	7/9/97		0.00	2462	1568	0	4030	0	10562	0	10562				
16	7/10/97		0.30	2131	617	0	2748	0	11	0	11				
17	7/11/97		0.90	2370	5357	0	7727	0	13290	0	13290				
18	7/12/97		0.00	2081	901	0	2982	0	2169	0	2169				
19	7/13/97		0.00	0	0	0	0	0	0	0	0				
20	7/14/97		0.00	4815	6744	0	11559	0	4224	0	4224				
21	7/15/97		0.00	9795	9724	0	19519	0	13969	0	13969				
22	7/16/97		0.16	2	817	0	819	0	0	0	0				
23	7/17/97		0.00	3723	1057	0	4780	0	7777	0	7777				
24	7/18/97		0.11	2936	4610	0	7546	0	8113	0	8113				
25	7/19/97		0.80	3388	1484	0	4872	0	6921	0	6921				
26	7/20/97		0.00	0	0	0	0	0	0	0	0				
27	7/21/97		0.85	6572	2667	0	9239	0	1880	0	1880				
28	7/22/97		0.00	3306	3252	0	6558	0	7028	0	7028				
29	7/23/97		0.00	2578	5495	0	8073	0	5179	0	5179				
30	7/24/97		0.00	2484	43	10000	12527	0	6680	0	6680				
31	7/25/97		0.00	679	3	0	682	0	4704	0	4704				
32	7/26/97		0.10	3080	1511	0	4591	0	5999	0	5999		PHASE I (16.1 ACRES)		
33	7/27/97		0.00	0	0	0	0	0	0	0	0		OPEN		1.5
34	7/28/97		0.30	5835	8579	0	14414	0	9027	0	9027		INTERMEDIATE		11.8
35	7/29/97		0.60	2430	8702	0	11132	0	5113	0	5113		UNUSED		2.8
36	7/30/97		0.00	2287	0	0	2287	0	0	0	0		CLOSED		0
37	7/31/97		0.00	2454	225	0	2679	0	8393	0	8393				
38	TOTALS		5.32	85073	92062	10000	187135	0	160814	0	160814	26321			

JUNE 1997

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
6/1/97	0.00	0	0	0	0	0	0	0	0	
6/2/97	0.00	4566	0	0	4566	0	0	0	0	
6/3/97	0.00	2406	16800	0	19206	0	0	0	0	
6/4/97	0.00	2430	0	0	2430	0	8255	0	8255	
6/5/97	0.00	1763	0	0	1763	0	11011	0	11011	
6/6/97	0.00	2557	6000	0	8557	0	11499	0	11499	
6/7/97	0.00	2126	3000	0	5126	0	8696	0	8696	
6/8/97	0.00	0	0	0	0	0	0	0	0	
6/9/97	1.50	3868	0	0	3868	0	17250	0	17250	
6/10/97	0.00	2120	14024			0	0	0	0	
6/11/97	1.00	2077	0	0	2077	0	8470	0	8470	
6/12/97	0.00	2033	0	0		0	9522	0	9522	
6/13/97	0.00	4599	6971	0	11570	0	10523	0	10523	
6/14/97	0.00	2393	0	0	2393	0	9221	0	9221	
6/15/97	0.00	0	0	0	0	0	0	0	0	
6/16/97	0.00	4158	6191	0	10349	0	21374	0	21374	
6/17/97	0.00	1675	6	0	1681	0	5	0	5	
6/18/97	0.00	1752	691	0	2443	0	4936	0	4936	
6/19/97	0.00	1946	16854	0	18800	0	11574	0	11574	
6/20/97	0.00	2106	2474	0	4580	0	8118	0	8118	
6/21/97	0.00	1987	4862	0	6849	0	8238	0	8238	
6/22/97	0.00	0	0	0	0	0	0	0	0	
6/23/97	0.06	4380	2	0	4382	0	15006	0	15006	
6/24/97	0.70	1712	4000	0	5712	0	0	0	0	
6/25/97	0.15	2281	9843	0	12124	0	0	0	0	
6/26/97	1.70	1100	413	0	1513	0	18189	0	18189	
6/27/97	0.00	3179	0	0	3179	0	9652	0	9652	
6/28/97	0.00	2578	210	0	2788	0	6163	0	6163	
6/29/97	0.00	0	0	0	0	0	0	0	0	
6/30/97	0.45	4735	9	0	4744	0	11624	0	11624	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	5.56	66527	92350	0	158877	0	209326	0	209326	-50449

FILE NAME: LEACHIII

NOTES:

80 ACRE SITE: FLOW OUT OF SERVICE DUE TO CONSTRUCTION.

FLOWS CALCULATED BY HOLDING TANK MEASUREMENTS.

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

MAY 1997

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

FILE NAME: LEACHIII

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
5/1/97	0.00	5084	3997	0	9081	0	0	0	0	
5/2/97	0.00	219	1172	0	1391	0	22819	0	22819	
5/3/97	0.00	4794	3220	0	8014	0	7919	0	7919	
5/4/97	0.00	0	0	0	0	0	0	0	0	
5/5/97	0.00	6648	1431	0	8079	0	13221	0	13221	
5/6/97	0.00	4393	4292	0	8685	0	0	0	0	
5/7/97	0.00	5065	1607	0	6672	0	7159	0	7159	
5/8/97	0.00	5037	9	0	5046	0	9941	0	9941	
5/9/97	0.00	3617	4383	0	8000	0	8981	0	8981	
5/10/97	0.00	1963	6037	0	8000	0	9076	0	9076	
5/11/97	0.00	0	0	0	0	0	0	0	0	
5/12/97	0.30	9673	42	0	9715	0	15500	0	15500	
5/13/97	0.00	4945	0	0	4945	0	0	0	0	
5/14/97	0.00	5065	8000	0	13065	0	24560	0	24560	
5/15/97	0.00	3968	4032	0	8000	0	14888	0	14888	
5/16/97	0.00	3998	7000	0	10998	0	20826	0	20826	
5/17/97	0.00	5316	0	0	5316	0	17724	0	17724	
5/18/97	0.00	0	0	0	0	0	0	0	0	
5/19/97	0.00	9804	0	0	9804	0	19795	0	19795	
5/20/97	0.00	3312	15928	0	19240	0	0	0	0	
5/21/97	0.00	4680	0	0	4680	0	8639	0	8639	
5/22/97	0.25	5177	12196	13284	30657	0	0	0	0	
5/23/97	0.20	4664	7688	17712	30064	0	19020	0	19020	
5/24/97	0.00	4557	0	0	4557	0	10360	0	10360	
5/25/97	0.00	0	0	0	0	0	0	0	0	
5/26/97	0.00	3636	4400	0	8036	0	18773	0	18773	
5/27/97	0.00	3210	0	0	3210	0	4829	0	4829	
5/28/97	0.00	2000	0	0	2000	0	9124	0	9124	
5/29/97	0.00	1092	10268	0	11360	0	9410	0	9410	
5/30/97	0.00	3583	4400	0	7983	0	8691	0	8691	
5/31/97	0.00	2046	0	0	2046	0	5965	0	5965	
TOTALS	0.75	117546	100102	30996	248644	0	287220	0	287220	-38576

NOTES:
80 ACRE SITE: FLOW METER OUT OF SERVICE DUE TO CONSTRUCTION. FLOWS CALCULATED BY HOLDING TANK MEASUREMENTS.

PHASE I (16.1 ACRES)	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

FILE NAME: LEACHIII

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
4/1/97	0.00	5561	3158	0		0	0	0	0	
4/2/97	0.00	5999	2701		8700	0	10469	0	10469	
4/3/97	0.00	4295	0	0	4295	0	7407	0	7407	
4/4/97	0.00	5083	7010	0	12093	0	24377	0	24377	
4/5/97	0.00	5695	3800	0	9495	0	16205	0	16205	
4/6/97	0.00	0	0	0	0	0	0	0	0	
4/7/97	0.55	9030	7039	0	16069	0	28927	0	28927	
4/8/97	0.00	4951	3192	0	8143	0	4	0	4	
4/9/97	0.00	4268	2597	0	6865	0	10153	0	10153	
4/10/97	0.00	4631	1886	0	6517	0	10332	0	10332	
4/11/97	0.00	4244	3186	0	7430	0	11189	0	11189	
4/12/97	0.00	4197	3858	0	8055	0	5922	0	5922	
4/13/97	0.00	0	0	0	0	0	0	0	0	
4/14/97	0.50	7914	6392	0	14306	0	23874	0	23874	
4/15/97	0.45	3757	3190	0	6947	0	0	0	0	
4/16/97	0.00	3801	3206	0	7007	0	2055	0	2055	
4/17/97	0.00	6	0	0	6		14470		14470	
4/18/97	0.00	6	1029	0	1035	0	22585	0	22585	
4/19/97	0.00	6108	7939	0	14047	0	15139	0	15139	
4/20/97	0.00	0	0	0	0	0	0	0	0	
4/21/97	0.00	8322	7688	0	16010	0	29110	0	29110	
4/22/97	0.00	3777	1262	0	5039	0	1525	0	1525	
4/23/97	0.50	3748	0	0	3748	0	11531	0	11531	
4/24/97	0.00	3445	4335	0	7780	0	10605	0	10605	
4/25/97	0.00	3094	857	0	3951	0	12856	0	12856	
4/26/97	0.00	3543	0	0	3543	0	13469	0	13469	
4/27/97	0.00	0	0	0	0	0	0	0	0	
4/28/97	4.85	9485	0	0	9485	0	13469	0	13469	
4/29/97	0.00	5189	1595	0	6784	0	0	0	0	
4/30/97	0.00	4109	1	0	4110	0	5069	0	5069	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	6.85	124258	75921	0	200179	0	300742	0	300742	-100563

NOTES:
2-25-97 80 ACRE
LIFT STATION OFF
PERIODICALLY FOR
PHASE 1-A CONST.

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

FILE NAME: LEACHIII

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
3/1/97	0.00	0	3183	6000	9183	0	6706	0	6706	
3/2/97	0.00	0	0	0	0	0	0	0	0	
3/3/97	0.00	0	0	6000	6000	0	0	0	0	
3/4/97	0.00	0	0	13000	13000	0	3878	0	3878	
3/5/97	0.00	0	11791	10000	21791	0	10515	0	10515	
3/6/97	0.00	0	5240	10000	15240	0	7577	0	7577	
3/7/97	0.00	0	3644	10000	13644	0	8252	0	8252	
3/8/97	0.00	0	3489	15000	18489	0	9762	0	9762	
3/9/97	0.00	0	0	0	0	0	0	0	0	
3/10/97	0.00	28777	7768	0	36545	0	23787	0	23787	
3/11/97	0.00	9050	3943	0	12993	0	6055	0	6055	
3/12/97	0.00	7742	1277	0	9019	0	28219	0	28219	
3/13/97	0.00	13995	5594	0	19589	0	25501	0	25501	
3/14/97	1.45	11781	3826	0	15607	0	18359	0	18359	
3/15/97	0.00	833	2249	0	3082	0	13981	0	13981	
3/16/97	0.00	0	0	0	0	0	0	0	0	
3/17/97	0.00	7185	6334	0	13519	0	7965	0	7965	
3/18/97	0.00	6063	3226	0	9289	0	21363	0	21363	
3/19/97	0.00	9807	3828	0	13635	0	6707	0	6707	
3/20/97	0.00	6080	3821	0	9901	0	8413	0	8413	
3/21/97	1.40	14307	4472	0	18779	0	20655	0	20655	
3/22/97	0.00	12008	3866	0	15874	0	24560	0	24560	
3/23/97	0.00	0	0	0	0	0	0	0	0	
3/24/97	0.00	18579	5693	0	24272	0	18626	0	18626	
3/25/97	0.00	8745	3161	0	11906	0	0	0	0	
3/26/97	0.00	6438	3809	0	10247	0	9230	0	9230	
3/27/97	0.00	6016	3275	0	9291	0	10189	0	10189	
3/28/97	0.00	242	3813	0	4055	0	10541	0	10541	
3/29/97	0.00	9163	3845	0	13008	0	10452	0	10452	
3/30/97	0.00	0	0	0	0	0	0	0	0	
3/31/97	0.00	12271	6991	0	19262	0	10083	0	10083	
TOTALS	2.85	189082	108138	70000	367220	0	321376	0	321376	45844

NOTES:

2-25-97 to 3-8-97 repairs on 7 Acre lift stations. Flow rate due to manual pumping.
2-26-97 80 Acre lift station off periodically for phase 1-A construction.

PHASE I (16.1 ACRES)	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FEBRUARY, 1997 — FILE NAME: LEACHIII

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
2/1/97	0.00	1812	3846	0	5658	0	9838	0	9838	
2/2/97	0.00	0	0	0	0	0	0	0	0	
2/3/97	0.00	3107	7028	0	10135	0	226	0	226	
2/4/97	0.00	274	3834	0	4108	0	10427	0	10427	
2/5/97	0.00	1912	3834	0	5746	0	14371	0	14371	
2/6/97	0.00	1177	3834	0	5011	0	521	0	521	
2/7/97	0.00	1934	3832	0	5766	0	8981	0	8981	
2/8/97	0.00	1183	3837	0	5020	0	6994	0	6994	
2/9/97	0.00	0	0	0	0	0	0	0	0	
2/10/97	0.50	1394	7004	0	8398	0	114	0	114	
2/11/97	0.00	272	3182	0	3454	0	29136	0	29136	
2/12/97	0.00	1315	3821	0	5136	0	3330	0	3330	
2/13/97	0.00	1206	3835	0	5041	0	6591	0	6591	
2/14/97	0.00	1837	3827	0	5664	0	8093	0	8093	
2/15/97	0.00	1219	3827	0	5046	0	6909	0	6909	
2/16/97	0.00	0	0	0	0	0	0	0	0	
2/17/97	0.00	1218	6329	0	7547	0	0	0	0	
2/18/97	0.00	1482	3811	0	5293	0	5888	0	5888	
2/19/97	0.00	138	3847	0	3985	0	8835	0	8835	
2/20/97	0.50	1746	3843	0	5589	0	12507	0	12507	
2/21/97	0.00	1136	3821	0	4957	0	6423	0	6423	
2/22/97	0.00	1409	4465	0	5874	0	8004	0	8004	
2/23/97	0.00	0	0	0	0	0	0	0	0	
2/24/97	0.00	2925	5743	0	8668	0	94	0	94	
2/25/97	0.00	3740	3872	0	7612	0	11906	0	11906	
2/26/97	0.00	18	638	0	656	0	11838	0	11838	
2/27/97	0.00	0	6868	5000	11868	0	0	0	0	
2/28/97	0.00	0	3701	0	3701	0	4667	0	4667	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	1.00	32454	102479	5000	139933	0	175693	0	175693	-35760

NOTES:

2/25/97 COMMENCE REPAIRS ON 7 ACRE LIFT STATIONS - FLOW RATE DUE TO MANUAL PUMPING

2/26/97 80 ACRE LIFT STATION OFF PERIODICALLY FOR PHASE 1A CONSTRUCTION

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8

JAN 97

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

FILE NAME: LEACHIII

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
1/1/97	0.00	1096	4495	0	5591	0	14550	0	14550	
1/2/97	0.00	1880	3217	0	5097	0	10467	0	10467	
1/3/97	0.00	1375	4491	0	5866	0	8255	0	8255	
1/4/97	0.00	988	3217	0	4205	0	7510	0	7510	
1/5/97	0.00	0	0	0	0	0	0	0	0	
1/6/97	0.00	2767	8341	0	11108	0	20368	0	20368	
1/7/97	0.00	975	3209	0	4184	0	7485	0	7485	
1/8/97	0.00	1010	3843	0	4853	0	19806	0	19806	
1/9/97	0.00	1124	4506	0	5630	0	1132	0	1132	
1/10/97	1.00	1907	3846	0	5753	0	11746	0	11746	
1/11/97	0.00	292	3202	0	3494	0	12030	0	12030	
1/12/97	0.00	0	0	0	0	0	0	0	0	
1/13/97	0.00	3156	7028	0	10184	0	18829	0	18829	
1/14/97	0.00	1167	3856	0	5023	0	11436	0	11436	
1/15/97	0.00	1538	3854	0	5392	0	10739	0	10739	
1/16/97	0.20	855	4517	0	5372	0	9643	0	9643	
1/17/97	0.00	1021	3215	0	4236	0	9126	0	* 9126	
1/18/97	0.00	244	3197	0	3441	0	0	0	0	
1/19/97	0.00	0	0	0	0	0	0	0	0	
1/20/97	0.00	3073	7698	0	10771	0	0	0	0	
1/21/97	0.00	805	3302	0	4107	0	0	0	0	
1/22/97	0.00	845	3848	0	4693	0	0	0	0	
1/23/97	0.00	1275	4501	0	5776	0	3137	0	3137	
1/24/97	0.00	1788	3849	0	5637	0	7271	0	7271	
1/25/97	0.80	1289	3855	0	5144	0	1415	0	1415	
1/26/97	0.00	0	0	0	0	0	0	0	0	
1/27/97	0.00	2340	7035	0	9375	0	9190	0	9190	
1/28/97	0.00	1963	3854	0	5817	0	11194	0	11194	
1/29/97	0.00	266	3846	0	4112	0	10734	0	10734	
1/30/97	0.20	1861	3849	0	5710	0	7049	0	7049	
1/31/97	0.00	339	3841	0	4180	0	3246	0	3246	
TOTALS	2.20	37239	117512	0	154751	0	226358	0	226358	-71607

NOTES:

*PLANT ON PAUSE FOR REPLACEMENT OF PANEL BOARDS

EFFECTIVE 5/18/96 LEACHATE INFLUENT HOLDING TANK, TO PLANT

7 ACRE EAST LIFT STATION TEMPORARY PUMPS INSTALLED 7/15/96

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

Board of County Commissioners

Department of Public Works

Bob RB - not reviewed

Reply to: Solid Waste Management
P.O. Box 340
Lecanto, Fl 34460

D.F

OCT 21 1996

October 17, 1996

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find **revised** Year to Date Leachate Tracking Summary and Monthly Reports for January through September, 1996, for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works

1996 YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS

MONTH	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	4.61	24523	134914	14982	174419	0	0	177425	177425	-3006
FEBRUARY	1.50	14730	113222	10385	138337	0	0	145958	145958	-7621
MARCH	9.20	67104	127092	15500	209696	0	0	201755	201755	7941
APRIL	2.00	46852	147539	97000	291391	0	0	254268	254268	37123
MAY	1.12	30604	143347	43100	217051	0	15611	163522	179133	37918
JUNE	7.90	28717	122132	20350	171199	122795	0	77519	200314	-29115
JULY	7.65	52859	150370	27700	230929	5950	0	211521	217471	13458
AUGUST	5.73	48188	155289	101820	305297	0	0	321270	321270	-15973
SEPTEMBER	4.30	46625	141238	0	187863	0	0	246439	246439	-58576
OCTOBER										
NOVEMBER										
DECEMBER										
YTD TOTAL	44.01	360202	1235143	330837	1926182	128745	15611	1799677	1944033	-17851

FILE NAME: YTDSUM96

SEPTEMBER

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
9/1/96	0.00	0	0	0	0	0	0	0	0	
9/2/96	0.00	3457	9683	0	13140	0	0	0	0	
9/3/96	0.00	1672	5165	0	6837	0	0	23503	23503	
9/4/96	0.00	1005	5067	0	6072	0	0	17521	17521	
9/5/96	0.00	1845	4666	0	6511	0	0	17508	17508	
9/6/96	0.00	1782	4521	0	6303	0	0	17881	17881	
9/7/96	0.00	1367	5159	0	6526	0	0	11653	11653	
9/8/96	0.00	0	0	0	0	0	0	0	0	
9/9/96	1.20	3279	9057	0	12336	0	0	12609	12609	
9/10/96	0.00	1678	5168	0	6846	0	0	0	0	
9/11/96	0.50	924	4532	0	5456	0	0	11693	11693	
9/12/96	0.00	1910	5198	0	7108	0	0	11708	11708	
9/13/96	0.00	1963	4950	0	6913	0	0	12338	12338	
9/14/96	0.00	1084	4093	0	5177	0	0	0	0	
9/15/96	0.00	0	0	0	0	0	0	0	0	
9/16/96	0.00	3519	9647	0	13166	0	0	11568	11568	
9/17/96	0.40	1110	4496	0	5606	0	0	0	0	
9/18/96	0.45	1730	4511	0	6241	0	0	11581	11581	
9/19/96	0.00	1879	3941	0	5820	0	0	0	0	
9/20/96	0.00	974	5228	0	6202	0	0	17424	17424	
9/21/96	0.00	1700	5173	0	6873	0	0	0	0	
9/22/96	0.00	0	0	0	0	0	0	0	0	
9/23/96	1.50	2797	9039	0	11836	0	0	11962	11962	
9/24/96	0.00	779	4518	0	5297	0	0	0	0	
9/25/96	0.00	1751	4531	0	6282	0	0	17564	17564	
9/26/96	0.00	1821	4524	0	6345	0	0	10950	10950	
9/27/96	0.00	874	4516	0	5390	0	0	17388	17388	
9/28/96	0.00	3097	4543	0	7640	0	0	0	0	
9/29/96	0.00	0	0	0	0	0	0	0	0	
9/30/96	0.25	2628	9312	0	11940	0	0	11588	11588	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	4.30	46625	141238	0	187863	0	0	246439	246439	-58576

NOTES:
-EFFECTIVE 5/18/96
LEACHATE INFLUENT TO
HOLDING TANK, TO PLANT

-7 ACRE EAST LIFT STATION
TEMPORARY PUMPS
INSTALLED 7/15/96

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

AUGUST

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
8/1/96	0.00	2	4549	0	4551	0	0	11322	11322	
8/2/96	0.00	226	5185	0	5411	0	0	11197	11197	
8/3/96	1.60	337	5180	0	5517	0	0	0	0	
8/4/96	0.00	0	0	0	0	0	0	0	0	
8/5/96	0.00	676	9241	25000	34917	0	0	11048	11048	
8/6/96	0.00	884	4527	0	5411	0	0	0	0	
8/7/96	0.15	170	5159	0	5329	0	0	12269	12269	
8/8/96	0.00	1086	4535	0	5621	0	0	11854	11854	
8/9/96	0.00	94	5184	0	5278	0	0	11537	11537	
8/10/96	0.00	1031	4524	0	5555	0	0	0	0	
8/11/96	0.00	0	0	0	0	0	0	0	0	
8/12/96	2.20	982	10339	44960	56281	0	0	12003	12003	
8/13/96	0.05	928	4350	16860	22138	0	0	0	0	
8/14/96	0.03	803	5399	0	6202	0	0	17648	17648	
8/15/96	0.00	11291	5178	0	16469	0	0	17259	17259	
8/16/96	0.00	903	4522	0	5425	0	0	17303	17303	
8/17/96	0.00	831	5820	0	6651	0	0	12204	12204	
8/18/96	0.00	0	0	0	0	0	0	0	0	
8/19/96	0.00	13020	10299	15000	38319	0	0	17763	17763	
8/20/96	0.00	1021	5619	0	6640	0	0	12242	12242	
8/21/96	0.00	877	5188	0	6065	0	0	17580	17580	
8/22/96	0.00	855	5184	0	6039	0	0	17602	17602	
8/23/96	0.00	49	5168	0	5217	0	0	11794	11794	
8/24/96	0.00	3849	5174	0	9023	0	0	11633	11633	
8/25/96	0.00	0	0	0	0	0	0	0	0	
8/26/96	1.50	1437	10365	0	11802	0	0	17314	17314	
8/27/96	0.00	945	4924	0	5869	0	0	11660	11660	
8/28/96	0.00	1853	4771	0	6624	0	0	17534	17534	
8/29/96	0.00	930	5177	0	6107	0	0	15494	15494	
8/30/96	0.00	2041	4546	0	6587	0	0	7763	7763	
8/31/96	0.20	1067	5182	0	6249	0	0	17247	17247	
TOTALS	5.73	48188	155289	101820	305297	0	0	321270	321270	-15973

NOTES:
-EFFECTIVE 5/18/96
LEACHATE INFLUENT TO HOLDING TANK, TO PLANT

-7 ACRE EAST LIFT STATION TEMPORARY PUMPS INSTALLED 7/15/96

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
7/1/96	0.00	443	8503	3000	11946	0	0	24896	24896	
7/2/96	0.00	0	4588	1400	5988	4365	0	10600	14965	
7/3/96	0.00	1310	4640	600	6550	1585	0	5585	7170	
7/4/96	1.80	0	0	0	0	0	0	0	0	
7/5/96	0.00	9767	7633	3450	20850	0	0	0	0	
7/6/96	2.00	1227	0	750	1977	0	0	0	0	
7/7/96	0.00	0	0	0	0	0	0	0	0	
7/8/96	0.80	9953	12911	3500	26364	0	0	22515	22515	
7/9/96	2.00	8274	4520	3000	15794	0	0	5239	5239	
7/10/96	0.00	1359	2512	3000	6871	0	0	11259	11259	
7/11/96	0.00	1081	7027	2500	10608	0	0	0	0	
7/12/96	0.00	492	1421	1500	3413	0	0	11499	11499	
7/13/96	0.05	1186	4359	0	5545	0	0	0	0	
7/14/96	0.00	0	0	0	0	0	0	0	0	
7/15/96	0.00	1551	13832	0	15383	0	0	0	0	
7/16/96	1.00	1243	5224	0	6467	0	0	11244	11244	
7/17/96	0.00	768	1087	2500	4355	0	0	11712	11712	
7/18/96	0.00	785	4340	2500	7625	0	0	11654	11654	
7/19/96	0.00	1650	9412	0	11062	0	0	11806	11806	
7/20/96	0.00	1328	5238	0	6566	0	0	0	0	
7/21/96	0.00	0	0	0	0	0	0	0	0	
7/22/96	0.00	472	9778	0	10250	0	0	11564	11564	
7/23/96	0.00	352	5224	0	5576	0	0	11817	11817	
7/24/96	0.00	1011	4564	0	5575	0	0	11585	11585	
7/25/96	0.00	1141	4483	0	5624	0	0	12148	12148	
7/26/96	0.00	1412	5139	0	6551	0	0	9595	9595	
7/27/96	0.00	1275	4478	0	5753	0	0	0	0	
7/28/96	0.00	0	0	0	0	0	0	0	0	
7/29/96	0.00	1459	9711	0	11170	0	0	0	0	
7/30/96	0.00	1443	4549	0	5992	0	0	0	0	
7/31/96	0.00	1877	5197	0	7074	0	0	16803	16803	
TOTALS	7.65	52859	150370	27700	230929	5950	0	211521	217471	13458

NOTES:
-7ACRE EAST LIFT STATION TURNED OFF FOR REPAIRS 2/26/96 TO 7/14/96

-SPECIAL PROJECT FLOW USED TO GET SAND IN EAST LIFT STATION 3/27/96 TO 7/14/96

-FLOW ESTIMATED ON EAST LIFT STATION DURING MANUAL PUMPING

-EFFECTIVE 5/18/96 LEACHATE INFLUENT TO HOLDING TANK, TO PLANT

-7 ACRE EAST LIFT STATION TEMPORARY PUMPS INSTALLED 7/15/96

PHASE I (16.1 ACRES)	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
6/1/96	0.00	793	2410	0	3203	0	0	0	0	
6/2/96	0.00	0	0	0	0	0	0	0	0	
6/3/96	0.00	356	0	0	356	0	0	0	0	
6/4/96	0.00	474	0	3000	3474	0	0	0	0	
6/5/96 *	0.00	25	10301	3500	13826	0	0	0	0	
6/6/96	0.00	42	11182	700	11924	0	0	0	0	
6/7/96	0.10	874	5095	600	6569	0	0	0	0	
6/8/96	0.00	0	0	600	600	0	0	0	0	
6/9/96	0.00	0	0	0	0	0	0	0	0	
6/10/96	0.00	1761	13462	0	15223	0	0	0	0	
6/11/96	0.75	113	1387	1200	2700	6451	0	0	6451	
6/12/96	0.00	23	7150	750	7923	6460	0	0	6460	
6/13/96	0.00	645	5508	600	6753	6038	0	0	6038	
6/14/96	0.10	62	3203	700	3965	5976	0	0	5976	
6/15/96	1.25	72	3829	600	4501	6667	0	0	6667	
6/16/96	0.00	0	0	0	0	0	0	0	0	
6/17/96	1.60	1593	8691	0	10284	6384	0	0	6384	
6/18/96 *	0.00	0	0	1350	1350	6590	0	12772	19362	
6/19/96	0.00	1357	7794	600	9751	12643	0	6410	19053	
6/20/96	0.80	279	3865	750	4894	6247	0	10319	16566	
6/21/96	0.75	1328	4515	600	6443	6082	0	6365	12447	
6/22/96	0.00	0	0	700	700	0	0	0	0	
6/23/96	0.00	0	0	0	0	0	0	0	0	
6/24/96	0.40	10886	4647	0	15533	10300	0	12220	22520	
6/25/96	0.00	2067	11617	1500	15184	10650	0	6295	16945	
6/26/96	0.00	1222	4904	750	6876	10652	0	12564	23216	
6/27/96	1.30	2198	1299	500	3997	10583	0	4305	14888	
6/28/96	0.85	1149	7638	600	9387	11072	0	6269	17341	
6/29/96	0.00	1398	3635	750	5783	0	0	0	0	
6/30/96	0.00	0	0	0	0	0	0	0	0	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	7.90	28717	122132	20350	171199	122795	0	77519	200314	-29115

NOTES:
*LINE BREAK 6/18/96

-7 ACRE EAST LIFT STATION TURNED OFF FOR REPAIRS 2/26/96

-SPECIAL PROJECT FLOW USED TO GET SAND IN EAST LIFT STATION 3/27/96 (FLOW EST.) TO DATE

-FLOW ESTIMATED ON EAST LIFT STATION DURING MANUAL PUMPING

-EFFECTIVE 5/18/96 LEACHATE INFLUENT TO HOLDING TANK, TO PLANT

-PLANT SHUT-DOWN FOR MAINTENANCE 5/23/96 TO 6/17/96

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
5/1/96	0.00	1997	4408	20800	27205	0	0	6460	6460	
5/2/96	0.00	388	4751	600	5739	0	0	12863	12863	
5/3/96	0.00	965	5104	900	6969	0	0	8638	8638	
5/4/96	0.00	329	4289	10700	15318	0	0	0	0	
5/5/96	0.00	0	0	0	0	0	0	0	0	
5/6/96	0.00	649	9949	0	10598	0	0	12777	12777	
5/7/96	0.00	20	4695	1200	5915	0	15611	12933	28544	
5/8/96	0.00	2029	5078	500	7607	0	0	0	0	
5/9/96	0.00	228	4028	500	4756	0	0	0	0	
5/10/96	0.00	381	4684	800	5865	0	0	0	0	
5/11/96	0.00	453	5970	600	7023	0	0	0	0	
5/12/96	0.00	0	0	0	0	0	0	0	0	
5/13/96	0.00	1403	9270	1000	11673	0	0	0	0	
5/14/96	0.00	1390	1337	5500	8227	0	0	13031	13031	
5/15/96	0.00	674	7141	0	7815	0	0	13132	13132	
5/16/96	0.00	4020	4774	0	8794	0	0	12926	12926	
5/17/96	0.00	1043	4845	0	5888	0	0	12060	12060	
5/18/96	0.00	159	7203	0	7362	0	0	0	0	
5/19/96	0.00	0	0	0	0	0	0	0	0	
5/20/96	0.00	2925	630	0	3555	0	0	32157	32157	
5/21/96	0.00	2133	0	0	2133	0	0	25245	25245	
5/22/96	0.00	3523	15442	0	18965	0	0	1300	1300	
5/23/96	0.10	850	4972	0	5822	0	0	0	0	
5/24/96	0.00	2332	4747	0	7079	0	0	0	0	
5/25/96	0.00	514	1504	0	2018	0	0	0	0	
5/26/96	0.00	0	0	0	0	0	0	0	0	
5/27/96	0.00	0	0	0	0	0	0	0	0	
5/28/96	0.01	1023	2956	0	3979	0	0	0	0	
5/29/96	0.01	284	15991	0	16275	0	0	0	0	
5/30/96	1.00	530	5161	0	5691	0	0	0	0	
5/31/96	0.00	362	4418	0	4780	0	0	0	0	
TOTALS	1.12	30604	143347	43100	217051	0	15611	163522	179133	37918

NOTES:
-7 ACRE EAST LIFT STATION TURNED OFF FOR REPAIRS 2/26/96 TO DATE

-SPECIAL PROJECT FLOW USED TO GET SAND IN EAST LIFT STATION 3/27/96 (FLOW EST.) TO DATE

-FLOW ESTIMATED ON EAST LIFT STATION DURING MANUAL PUMPING

-EFFECTIVE 5/18/96 LEACHATE INFLUENT TO HOLDING TANK, TO PLANT

-PLANT SHUT-DOWN FOR MAINTENANCE 5/23/96 TO 6/17/96

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
4/1/96	0.00	1237	8902	5000	15139	0	0	19239	19239	
4/2/96	0.00	3372	4528	0	7900	0	0	19275	19275	
4/3/96	0.00	1738	3730	3000	8468	0	0	6405	6405	
4/4/96	0.00	1821	5064	0	6885	0	0	12892	12892	
4/5/96	0.00	900	0	2000	2900	0	0	12624	12624	
4/6/96	0.00	3227	8801	0	12028	0	0	0	0	
4/7/96	0.00	0	0	0	0	0	0	0	0	
4/8/96	0.10	1326	9462	0	10788	0	0	5765	5765	
4/9/96	0.00	1825	4766	10000	16591	0	0	12858	12858	
4/10/96	0.00	2090	4030	0	6120	0	0	6302	6302	
4/11/96	0.00	1926	4621	5000	11547	0	0	6506	6506	
4/12/96	0.00	1943	4119	0	6062	0	0	12434	12434	
4/13/96	0.00	2103	5405	0	7508	0	0	0	0	
4/14/96	0.00	0	0	0	0	0	0	0	0	
4/15/96	0.00	793	10138	0	10931	0	0	12827	12827	
4/16/96	0.60	1787	4734	10000	16521	0	0	13129	13129	
4/17/96	0.00	1040	4744	15000	20784	0	0	12995	12995	
4/18/96	0.00	923	4782	5000	10705	0	0	6470	6470	
4/19/96	0.00	2218	4803	0	7021	0	0	12875	12875	
4/20/96	0.00	2695	4775	5000	12470	0	0	0	0	
4/21/96	0.00	0	0	0	0	0	0	0	0	
4/22/96	0.00	871	9583	0	10454	0	0	12913	12913	
4/23/96	0.00	2216	4914	10000	17130	0	0	11789	11789	
4/24/96	0.00	1268	5519	0	6787	0	0	6353	6353	
4/25/96	0.00	1622	4564	15000	21186	0	0	6499	6499	
4/26/96	0.00	2051	5416	0	7467	0	0	12940	12940	
4/27/96	0.00	2692	1200	12000	15892	0	0	0	0	
4/28/96	0.00	0	0	0	0	0	0	0	0	
4/29/96	0.00	1675	13467	0	15142	0	0	19468	19468	
4/30/96	1.30	1493	5472	0	6965	0	0	11710	11710	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	2.00	46852	147539	97000	291391	0	0	254268	254268	37123

NOTES:
-7 ACRE EAST LIFT STATION TURNED OFF FOR REPAIRS 2/26/96 TO DATE

-SPECIAL PROJECT FLOW USED TO GET SAND IN EAST LIFT STATION 3/27/96 (FLOW EST.) TO DATE

-FLOW ESTIMATED ON EAST LIFT STATION DURING MANUAL PUMPING

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
3/1/96	0.25	3606	4650	0	8256	0	0	12513	12513	
3/2/96	1.50	1888	4819	0	6707	0	0	0	0	
3/3/96	0.00	0	0	0	0	0	0	0	0	
3/4/96	0.00	3030	6939	0	9969	0	0	12600	12600	
3/5/96	0.00	504	4003	0	4507	0	0	0	0	
3/6/96	0.00	2741	4706	0	7447	0	0	12761	12761	
3/7/96	0.00	4150	4687	0	8837	0	0	6194	6194	
3/8/96	0.40	6779	4281	0	11060	0	0	6175	6175	
3/9/96	0.00	2713	3012	0	5725	0	0	0	0	
3/10/96	0.00	0	0	0	0	0	0	0	0	
3/11/96	1.15	4316	8665	0	12981	0	0	18902	18902	
3/12/96	0.00	952	4721	0	5673	0	0	6369	6369	
3/13/96	0.00	3713	4004	0	7717	0	0	11513	11513	
3/14/96	0.00	1965	4672	0	6637	0	0	6177	6177	
3/15/96	0.00	3165	4018	0	7183	0	0	6345	6345	
3/16/96	0.00	2816	4718	0	7534	0	0	0	0	
3/17/96	0.00	0	0	0	0	0	0	0	0	
3/18/96	1.40	2944	8718	0	11662	0	0	12346	12346	
3/19/96	0.00	3200	4712	0	7912	0	0	12674	12674	
3/20/96	0.00	6812	3306	0	10118	0	0	6624	6624	
3/21/96	0.00	2654	3882	0	6536	0	0	12760	12760	
3/22/96	0.00	2011	4309	0	6320	0	0	6835	6835	
3/23/96	0.00	2160	3989	0	6149	0	0	0	0	
3/24/96	0.00	0	0	0	0	0	0	0	0	
3/25/96	0.00	1389	8168	0	9557	0	0	13279	13279	
3/26/96	0.00	3309	4678	0	7987	0	0	6458	6458	
3/27/96	0.00	223	4010	10000	14233	0	0	6410	6410	
3/28/96	0.90	24	4247	2000	6271	0	0	12770	12770	
3/29/96	0.00	34	5153	2000	7187	0	0	12050	12050	
3/30/96	0.70	6	4025	1500	5531	0	0	0	0	
3/31/96	2.90	0	0	0	0	0	0	0	0	
TOTALS	9.20	67104	127092	15500	209696	0	0	201755	201755	7941

NOTES:
-7 ACRE EAST LIFT STATION OPERATED MANUALLY WITH TEMPORARY PUMP 2/25/96 TO DATE
-NO SURFACE LEACHATE PUMPED
-SPECIAL PROJECT FLOW USED TO GET SAND IN EAST LIFT STATION 3/27/96 TO DATE
(FLOW ESTIMATED)

PHASE I (16.1 ACRES)	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
2/1/96	0.10	543	4692	0	5235	0	0	12201	12201	
2/2/96	0.00	544	4017	0	4561	0	0	6223	6223	
2/3/96	1.10	579	4125	0	4704	0	0	0	0	
2/4/96	0.00	0	0	0	0	0	0	0	0	
2/5/96	0.00	1194	7201	0	8395	0	0	0	0	
2/6/96	0.00	581	4702	0	5283	0	0	6089	6089	
2/7/96	0.00	732	4815	5026	10573	0	0	6350	6350	
2/8/96	0.00	599	4737	3388	8724	0	0	6408	6408	
2/9/96	0.00	675	5403	0	6078	0	0	5607	5607	
2/10/96	0.00	549	4049	0	4598	0	0	0	0	
2/11/96	0.00	0	0	0	0	0	0	0	0	
2/12/96	0.00	1058	9049	1971	12078	0	0	6014	6014	
2/13/96	0.00	653	3665	0	4318	0	0	12444	12444	
2/14/96	0.00	608	4723	0	5331	0	0	4731	4731	
2/15/96	0.00	953	5412	0	6365	0	0	6130	6130	
2/16/96	0.10	569	4703	0	5272	0	0	12370	12370	
2/17/96	0.00	332	1875	0	2207	0	0	0	0	
2/18/96	0.00	0	0	0	0	0	0	0	0	
2/19/96	0.00	1348	4302	0	5650	0	0	6153	6153	
2/20/96 *	0.00	715	4000	0	4715	0	0	12233	12233	
2/21/96	0.00	520	4299	0	4819	0	0	6175	6175	
2/22/96	0.00	739	4675	0	5414	0	0	5971	5971	
2/23/96	0.00	538	4016	0	4554	0	0	6206	6206	
2/24/96	0.00	389	4032	0	4421	0	0	0	0	
2/25/96	0.00	0	0	0	0	0	0	0	0	
2/26/96	0.00	61	6066	0	6127	0	0	6072	6072	
2/27/96	0.00	143	3990	0	4133	0	0	6348	6348	
2/28/96	0.00	46	2015	0	2061	0	0	6060	6060	
2/29/96	0.20	62	2659	0	2721	0	0	6173	6173	
	0.00	0	0	0	0	0	0	0	0	
	0.00	0	0	0	0	0	0	0	0	
TOTALS	1.50	14730	113222	10385	138337	0	0	145958	145958	-7621

NOTES:
*DEBRIS IN METER
FLOW ESTIMATED

7 ACRE EAST LIFT STATION
OPERATED MANUALLY WITH
TEMPORARY PUMP 2/26/96
TO DATE

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

CITRUS COUNTY CENTRAL LANDFILL
DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

DATE	RAIN DATA	LEACHATE 7 ACRE	LEACHATE 80 ACRE	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
1/1/96	0.00	0	0	0	0	0	0	0	0	
1/2/96	3.40	1654	8921	0	10575	0	0	0	0	
1/3/96	0.00	557	0	0	557	0	0	0	0	
1/4/96	0.00	1	0	0	1	0	0	0	0	
1/5/96 *	0.00	982	0	0	982	0	0	5631	5631	
1/6/96	0.00	0	0	0	0	0	0	0	0	
1/7/96	0.20	0	0	0	0	0	0	0	0	
1/8/96	0.00	1547	22272	0	23819	0	0	5911	5911	
1/9/96 **	0.00	516	0	0	516	0	0	5945	5945	
1/10/96	0.00	2	15267	0	15269	0	0	6787	6787	
1/11/96 ***	0.80	0	4397	2281	6678	0	0	5887	5887	
1/12/96	0.00	1398	5587	0	6985	0	0	12788	12788	
1/13/96	0.00	743	4774	0	5517	0	0	0	0	
1/14/96	0.00	0	0	0	0	0	0	0	0	
1/15/96	0.00	8117	928	2487	11532	0	0	5753	5753	
1/16/96	0.00	536	4725	1544	6805	0	0	11986	11986	
1/17/96	0.00	590	4791	2775	8156	0	0	12207	12207	
1/18/96	0.00	541	4812	1739	7092	0	0	12410	12410	
1/19/96	0.20	560	4785	0	5345	0	0	12124	12124	
1/20/96	0.00	519	4124	0	4643	0	0	0	0	
1/21/96	0.00	0	0	0	0	0	0	0	0	
1/22/96	0.00	862	8083	0	8945	0	0	12173	12173	
1/23/96	0.00	0	4801	4156	8957	0	0	12422	12422	
1/24/96	0.00	1022	4877	0	5899	0	0	6173	6173	
1/25/96	0.01	664	4106	0	4770	0	0	12259	12259	
1/26/96	0.00	598	4715	0	5313	0	0	12319	12319	
1/27/96	0.00	673	4059	0	4732	0	0	0	0	
1/28/96	0.00	0	0	0	0	0	0	0	0	
1/29/96	0.00	1083	9419	0	10502	0	0	6369	6369	
1/30/96	0.00	652	4732	0	5384	0	0	5811	5811	
1/31/96	0.00	706	4739	0	5445	0	0	12470	12470	
TOTALS	4.61	24523	134914	14982	174419	0	0	177425	177425	-3006

NOTES:
*TRIPPED CIRCUIT
**ELEC LINE BREAK
***DEBRIS IN METER

PHASE I (16.1 ACRES)

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

FILE NAME: LEACHIII

D.E.P.
JUL 29 1996
SOUTHWEST DISTRICT
TAMPA

Board of County Commissioners

Department of Public Works

Reply to: Solid Waste Management
P.O. Box 340
Lecanto, Fl 34460

July 24, 1996

D.E.P.
JUL 29 1996
SOUTHWEST DISTRICT
TAMPA

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find **revised** Year to Date Leachate Tracking Summary for the 2nd quarter for 1996, for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SEE REVISED SUMMARY
REC 10/21/96

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division Staff
Solid Waste Management- Operation Staff

Administrative Office	Facilities Maintenance	Fleet Management	Road Maintenance	Solid Waste Management
Post Office Box 167	Post Office Box 143	Post Office Box 215	Post Office Box 167	Post Office Box 340
Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460
(352) 746-4107	(352) 527-0333	(352) 746-6888	(352) 746-4107	(352) 746-5000
Fax 746-1203	Fax 527-0654	Fax 746-1203	Fax 746-1203	Fax 527-1204

Board of County Commissioners

Department of Public Works

D.E.P.
JUL 16 1996
SOUTHWEST DISTRICT
TAMPA

July 11, 1996

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find daily leachate generation/precipitation data; open, intermediate, unused and closed acres for the months of April, May, and June, 1996; Year to Date Leachate Tracking Summary for the 2nd quarter for 1996, for the Citrus County Central Landfill.

The monthly reports still indicates the special project column which is an estimate of water added to and subsequently removed from the 7-acre east side lift station as reflected in last quarter's report. We anticipate repairs to commence July 15th.

Effective May 18, 1996, all underdrain and surface leachate will be directed to the leachate holding facility; from the holding facility to the plant for treatment.

Please note, the leachate plant was down for major equipment maintenance from May 23rd until June 18th.

See revised APA, May, June and summary DEC 10/21/96

Administrative Office	Facilities Maintenance	Fleet Management	Road Maintenance	Solid Waste Management
Post Office Box 167	Post Office Box 143	Post Office Box 215	Post Office Box 167	Post Office Box 340
Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460
(352) 746-4107	(352) 527-0333	(352) 746-6888	(352) 746-4107	(352) 746-5000
Fax 746-1203	Fax 527-0654	Fax 746-1203	Fax 746-1203	Fax 527-1204

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division Staff
Solid Waste Management- Operation Staff

\cjw\wp5files\ford.sm.7-10-96

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

March 5, 1996

Ms. Susan Metcalfe, P.G.
Citrus County
Solid Waste Management
P. O. Box 340
Lecanto, FL 34460

Re: Leachate Quantity Reporting
Permits: #S09-187229 and #SF09-211030, Citrus County

Dear Ms. Metcalfe:

Attached are two examples of a leachate quantity annual summary report. This type of summary is a quick and easy reference for both the Department and yourself to notice unusual quantities of leachate that may be collected from your landfill disposal units. This office suggests you use the format and submit the summary with each quarterly submittal of leachate quantity monthly reports, by January 15th, April 15th, July 15th, and October 15th each year. The Department intends to modify all related permits that do not currently require the reports be submitted quarterly.

Your attention to this matter will be greatly appreciated. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachments

cc: Gary Kuhl, P.E., Citrus County
Robert Butera, P.E., FDEP Tampa

1995 Year to Date Leachate Tracking Summary
Hernando County Northwest Waste Management Facility

Month	Rainfall Inches	Leachate Gallons Pumped to Tank	Leachate Gallons Transported	Leachate Gallons In Process
January	11.2	421,800	443,400	(21,600)
February	1.1	139,200	150,800	(11,600)
March	1.2	105,200	104,400	800
April	7.3	242,300	243,600	(1,300)
May	3.5	172,500	179,800	(7,300)
June	9.7	452,300	458,200	(5,900)
July	5.6	453,700	411,800	41,900
August	7.9	451,900	469,800	(17,900)
September	5.0	346,000	371,200	(25,200)
October	9.8	790,700	797,100	(6,400)
November	1.0	118,000	116,000	2,000
December	2.2	97,000	98,600	(1,600)
YTD Total	65.5	3,790,600	3,844,700	(54,100)

1995 LEACHATE BALANCE SUMMARY
SOUTHEAST COUNTY LANDFILL
HILLSBOROUGH COUNTY, FLORIDA

		Leachate Arriving at LTRF	Leachate/Effluent Leaving LTRF					Inflow/Outflow Balance For LTRF		
Month	Rainfall (in.)	Leachate Pumped to LTRF (gal.)	Total Leach. Hauled From LTRF (gal.)	Total Eff. Hauled (gal.)	Leachate Rec. From LTRF (gal.)	Effluent Rec. (gal.)	Effluent Sprayed (gal.)	Total Inflow To LTRF (gal.)	Total Outflow From LTRF (gal.)	Balance For Month (gal.)
January	4.60	3,104,000	3,166,000	(1) 0	0	0	0	3,104,000	3,166,000	(62,000)
February	2.40	4,063,000	2,942,000	(1) 0	0	0	650,000	4,063,000	4,062,000	1,000
March	1.90	3,467,000	2,320,000	(1) 0	0	113,000	932,000	3,467,000	3,705,000	(238,000)
April	1.60	2,625,000	1,124,000	393,000	60,000	0	700,000	2,625,000	2,528,000	97,000
May	2.40	2,331,000	865,725	652,689	0	0	1,000,270	2,331,000	2,255,439	75,561
June	8.30	2,369,000	904,543	758,000	0	0	568,520	2,369,000	2,252,277	116,723
July	17.90	2,296,000	845,087	1,185,000	0	0	319,750	2,296,000	2,236,821	59,179
August	15.80	2,940,000	1,620,842	1,050,000	0	0	398,520	2,940,000	2,997,072	(57,072)
September	8.80	2,939,000	1,696,897	783,000	0	25,500	507,500	2,939,000	3,168,909	(229,909)
October	5.40	3,130,000	972,984	865,000	0	76,500	600,480	3,130,000	2,763,129	366,871
November	4.30	2,539,360	699,787	1,016,000	0	17,000	785,275	2,539,360	2,465,827	73,533
December	0.50	2,570,333	525,473	1,113,000	0	173,900	661,185	2,570,333	2,391,573	178,760
YTD Total	73.90	34,373,693	17,683,338	7,815,689	60,000	405,900	7,123,500	34,373,693	33,992,047	

f:\project\0995029.11\leachate\95summ.wb2

Notes:
1. Effluent quantities not measured separately.

Board of County Commissioners

Department of Public Works

Post Ofice Box 167, Lecanto, Florida 34460

(352) 746-4107 — FAX (352) 746-1203

D.E.P.
APR 10 1996
SOUTHWEST
TAMPA

April 4, 1996

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find daily leachate generation/precipitation data; open, intermediate, unused and closed acres for the months of January, February, and March, 1996; Year to Date Lechate Tracking Summary for the Year 1995 and 1st quarter for 1996, for the Citrus County Central Landfill. We are following your recently suggested format for the monthly and annual summary reports.

The March report shows a special project column which is an estimate of water added to and subsequently removed from the 7-acre east side lift station in an attempt to make a slurry of sediment in the bottom of the sump for removal. The additional sediment in the discharge makes the use of the flow meter impractical. We expect that this process will take a few weeks to complete for both lift stations.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

SEE LETTERS JAN FEB MAR 1996 REC - 10/21/96

Facilites Maintenance
Post Office Box 143
Lecanto, Florida 34460
(352) 527-0333 Fax 352-746-0656

Fleet Management
Post Office Box 215
Lecanto, Florida 34460
(352) 746-6888 Fax 746-1203

Road Maintenance
Post Office Box 167
Lecanto, Florida 34460
(352) 746-4107 Fax 746-1203

Solid Waste Management
Post Office Box 340
Lecanto, Florida, 34460
(352) 746-5000 Fax 527-1204

recycled

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division Staff
Solid Waste Management- Operation Staff

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1995 Year to Date Leachate Tracking Summary
Citrus County Central Landfill Facility

Month	Rainfall Inches	Leachate Gallons Influent to Plant	Leachate Gallons Off-Site Transported	Leachate Gallons On-Site Perc Ponds
January	5.00	228345	304898	0
February	1.25	192822	203939	0
March	2.65	243399	257640	0
April	3.90	236303	240883	0
May	4.10	204211	129475	0
June	10.25	194001	222284	0
July	9.45	234507	220501	0
August	8.00	314070	321579	0
September	9.75	305278	316444	0
October	5.10	303177	269645	0
November	0.25	237375	0	209687
December	1.30	172268	0	169322
YTD Total	61.0	2,865,756	2,487,288	379,009

File Name: YTDSUM96

Board of County Commissioners

Department of Public Works

Post Ofice Box 167, Lecanto, Florida 34460

(352) 746-4107 FAX (352) 746-1203

RECEIVED
JAN - 8 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

January 5, 1996

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find daily leachate generation; precipitation data; open, intermediate, unused and closed acres for the months of October, November and December, 1995 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA
DAILY GALLONS LEACHATE GENERATED
DAILY PRECIPITATION DATA (LECGENDE)

DATE	INFLUENNT TO LIFT STATION 80 AND	7 ACRE	TOTAL L/S FLOW	DPW LIQUID DECANT	80 SW TO L/S	TOTAL INFLUENT TO PLANT	RAIN DATA
12/01/95	4795	544	5339	0	0	5339	0.00
12/02/95	0	0	0	0	0	0	0.00
12/03/95	0	0	0	0	0	0	0.00
12/04/95	15849	1642	17491	1688	0	19179	0.00
12/05/95	4838	455	5293	4391	0	9684	0.00
12/06/95	4815	311	5126	4211	0	9337	0.00
12/07/95	6503	775	7278	3823	0	11101	0.10
12/08/95	3417	381	3798	0	0	3798	0.00
12/09/95	4870	616	5486	0	0	5486	0.00
12/10/95	0	0	0	0	0	0	0.00
12/11/95	8895	832	9727	1829	0	11556	0.00
12/12/95	693	542	1235	3628	0	4863	0.00
12/13/95*	0	579	579	1113	0	1692	0.00
12/14/95*	0	564	564	1638	0	2202	0.00
12/15/95	4566	371	4937	0	0	4937	0.00
12/16/95	4963	3	4966	0	0	4966	0.00
12/17/95	0	0	0	0	0	0	0.00
12/18/95	9633	1420	11053	4381	0	15434	0.00
12/19/95	4760	225	4985	3201	0	8186	1.00
12/20/95	4863	376	5239	0	0	5239	0.00
12/21/95	4204	146	4350	0	0	4350	0.00
12/22/95	4078	311	4389	0	0	4389	0.00
12/23/95	4152	168	4320	0	0	4320	0.20
12/24/95	0	0	0	0	0	0	0.00
12/25/95	0	0	0	0	0	0	0.00
12/26/95	13731	1647	15378	0	0	15378	0.00
12/27/95	4779	564	5343	0	0	5343	0.00
12/28/95	4446	624	5070	0	0	5070	0.00
12/29/95	4186	6	4192	0	0	4192	0.15
12/30/95	5462	765	6227	0	0	6227	0.00
12/31/95	0	0	0	0	0	0	0.00
TOTALS	128498	13867	142365	29903	0	172268	1.30

80 SW - 80 ACRE STORMWATER
DPW-DPW CULVERT CLEAN-OUT

*PIECE OF DEBRIS IN METER

PHASE I (16.1 ACRES	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA
DAILY GALLONS LEACHATE GENERATED
DAILY PRECIPITATION DATA (LECGENNOV)

DATE	INFLUENNT TO LIFT STATION 80 AND	7 ACRE	TOTAL L/S FLOW	DPW LIQUID DECANT	80 SW TO L/S	TOTAL INFLUENT TO PLANT	RAIN DATA
11/01/95	6317	864	7181	4576	0	11757	0.10
11/02/95	6017	490	6507	4878	0	11385	0.00
11/03/95	6657	355	7012	0	0	7012	0.00
11/04/95	0	0	0	0	0	0	0.00
11/05/95	0	0	0	0	0	0	0.00
11/06/95	13345	1292	14637	0	0	14637	0.00
11/07/95	5708	583	6291	3906	0	10197	0.00
11/08/95	6115	337	6452	3419	0	9871	0.00
11/09/95	8509	500	9009	0	0	9009	0.00
11/10/95	4495	310	4805	0	0	4805	0.00
11/11/95	8320	941	9261	0	0	9261	0.00
11/12/95	0	0	0	0	0	0	0.00
11/13/95	11690	1124	12814	3830	0	16644	0.00
11/14/95	6420	16	6436	5372	0	11808	0.00
11/15/95	5463	584	6047	966	0	7013	0.00
11/16/95	0	298	298	2340	0	2638	0.00
11/17/95	10430	788	11218	0	0	11218	0.00
11/18/95	0	0	0	0	0	0	0.00
11/19/95	0	0	0	0	0	0	0.00
11/20/95	16766	1401	18167	3837	0	22004	0.00
11/21/95	6201	322	6523	3823	0	10346	0.00
11/22/95	4542	541	5083	0	0	5083	0.00
11/23/95	5769	592	6361	0	0	6361	0.00
11/24/95	5885	548	6433	0	0	6433	0.00
11/25/95	4327	470	4797	0	0	4797	0.00
11/26/95	0	0	0	0	0	0	0.00
11/27/95	10990	764	11754	4026	0	15780	0.00
11/28/95	4804	596	5400	2880	0	8280	0.00
11/29/95	5551	573	6124	4981	0	11105	0.15
11/30/95	5192	650	5842	4089	0	9931	0.00
TOTALS	169513	14939	184452	52923	0	237375	0.25

80 SW - 80 ACRE STORMWATER
DPW-DPW CULVERT CLEAN-OUT

PHASE I (16.1 ACRES	
OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
10/01/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10/02/95	1521	13184	14705	0	0	14705	0	0	0	0	0	0	0	0	0.00
10/03/95	785	6834	7619	0	0	7619	26410	0	26410	0	0	19573	6837	0	0.00
10/04/95	690	7100	7790	3396	0	11186	12616	0	12616	0	0	6333	6283	0	0.00
10/05/95	671	6119	6790	4053	0	10843	12528	0	12528	0	0	6240	6288	0	0.80
10/06/95	811	5829	6640	0	0	6640	13194	0	13194	0	0	13194	0	0	0.50
10/07/95	548	6232	6780	0	0	6780	0	0	0	0	0	0	0	0	0.00
10/08/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10/09/95	1261	12473	13734	6007	0	19741	0	0	0	0	0	0	0	0	0.00
10/10/95	774	6212	6986	4952	0	11938	12309	0	12309	0	0	12309	0	0	0.20
10/11/95	808	6220	7028	0	0	7028	0	0	0	0	0	0	0	0	0.90
10/12/95	863	6349	7212	1122	0	8334	18089	0	18089	0	0	18089	0	0	0.80
10/13/95	656	5720	6376	0	28974	35350	18683	0	18683	0	0	18683	0	0	0.00
10/14/95	0	0	0	0	0	0	12767	0	12767	0	0	12767	0	0	0.00
10/15/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10/16/95	0	0	0	2631	0	2631	14017	0	14017	0	0	14017	0	0	1.50
10/17/95	1280	23742	25022	0	10701	35723	12460	0	12460	0	0	12460	0	0	0.00
10/18/95	1707	7191	8898	1604	5166	15668	25079	0	25079	0	0	25079	0	0	0.00
10/19/95	0	0	0	3007	4797	7804	12436	0	12436	0	0	12436	0	0	0.40
10/20/95	1063	13086	14149	0	0	14149	15079	0	15079	0	0	15079	0	0	0.00
10/21/95	259	7479	7738	0	0	7738	14024	0	14024	0	0	14024	0	0	0.00
10/22/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10/23/95	1665	12537	14202	0	0	14202	12585	0	12585	0	0	12585	0	0	0.00
10/24/95	743	6287	7030	1995	0	9025	12650	0	12650	0	0	12650	0	0	0.00
10/25/95	553	6951	7504	1705	0	9209	0	0	0	0	0	0	0	0	0.00
10/26/95	502	6962	7464	1343	0	8807	12494	0	12494	0	0	12494	0	0	0.00
10/27/95*	720	6607	7327	0	0	7327	12225	0	12225	0	0	12225	0	0	0.00
10/28/95	541	6986	7527	0	0	7527	0	0	0	0	0	0	0	0	0.00
10/29/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10/30/95	943	11654	12597	3281	0	15878	0	0	0	0	0	0	0	0	0.00
10/31/95	0	6567	6567	758	0	7325	0	0	0	0	0	0	0	0	0.00
TOTALS	19364	198321	217685 0	35854	49638	303177	269645	0	269645	0	0	250237	19408	0	5.1

*Note: On-site discharge to Perc Ponds commence 10/28/95

PHASE I - 16.1 ACRES

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

0 INFLUENT = NO READING
STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - EFFLUENT
SSU-RAW = SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - INFLUENT
COI-CITY OF INVERNESS PLANT
DPW CULVERT = PUBLIC WORKS CULVERT CLEAN-OUT - LIQUID DECANT TO LIFT STATIONS

Butler

FDEP Survey - Leachate Management Workshop - NOV. 28, 1995

RECEIVED
DEC 21 1995
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

Name Susan Metcalfe

County Citrus

Department Solid Waste Management

(1) Was the length of time of the workshop appropriate for the subject matter covered?

yes

(2) If too long or too short, what length of time do you think would have been adequate to cover the material? What length of time would you like future workshops to be?

4-6 hours mid day is fine I believe that the sessions would be even more productive if an outline were available ahead of time & if specific info sharing is expected let us prepare.

(3) Do you believe the information received will be helpful to you for future leachate management at your facility?

yes

(4) Do you feel your questions were responded to appropriately?

yes

(5) Are you interested in having sessions scheduled on various solid waste issues such as permitting, groundwater monitoring, cost estimates and other landfill operational procedures? Please suggest topics of interest.

permitting, gas control / monitoring
daily cover options erosion control materials/techn

(6) If your response to (5) was yes, should sessions for small or intermediate size counties be separate from sessions with the larger counties?

not necessarily - the situations related to landfills are similar for all. Larger counties just have more staff & commit

(7) How often should any future sessions be scheduled? Check one:

Quarterly ____ Semi-annually ✓ Annually ____

Other ____ What timeframe? Spring / Fall

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

DEC 1 2 1995

Ms. Susan Metcalfe,, P.G.
Citrus County
Solid Waste Management
P. O. Box 340
Lecanto,, FL 34460-0340

Re: Survey Request on Nov. 28th, 1995 Inter-governmental Meeting on Leachate Management

Dear Ms. Metcalfe,:

The Florida Department of Environmental Protection's Southwest District Solid Waste Section thanks you for attending the inter-governmental sharing meeting on Leachate Management on Tuesday, November 28, 1995. Due to unexpected personal reasons I was not able to attend but I have listened to the recordings of the session and have been updated by staff. The workshop appears to have been a success but I would like to get your input on the merits and shortcomings of this meeting and your ideas for sessions the Solid Waste Section may schedule in the future.

Attached is a survey that I would appreciate you responding to and forwarding to my attention by December 31, 1995. Signing of the survey is optional. This information will be helpful for planning purposes of any future workshops. The Solid Waste Section is always available for any questions you may have relating to the Solid Waste Regulations or technical guidance.

All members of the Solid Waste staff sincerely thank you for your time and participation at the November 28th meeting. If you have any other questions or comments you may contact me at (813) 744-6100, Ext. 451.

Sincerely,

Robert J. Butera

Robert J. Butera, P.E.
Solid Waste Manager
Southwest District

Attachment

cc: Kim Ford, P.E.

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Ms. Susan Metcalfe, P.G.
Citrus County
Solid Waste Management
P. O. Box 340
Lecanto, FL 34460-0340

NOV - 9 1995

Re: November 28, 1995 Intergovernmental Meeting to Discuss Leachate Management Issues

Dear Ms. Metcalfe:

The Florida Department of Environmental Protection Southwest District Solid Waste Section would like to invite you to attend an intergovernmental information sharing meeting, discussing the issues of Leachate Quantity Reports submittals and current available off-site leachate disposal options.

The meeting will be held on Tuesday, November 28, 1995, from 10:00 A.M. to 2:30 P.M., at the Department's Southwest District office in Tampa.

This meeting will allow you a forum to freely discuss any questions you may have in regard to and identify ways you can use the reported leachate quantity data and will allow for an exchange of information on off-site leachate disposal options available and currently used. Attached is a summary of data reported this year, for your review.

AGENDA

Leachate Quantity Reports (formats and uses)	10:00 - 11:30 A.M.
Off-site Leachate Disposal (options and limitations)	11:30 A.M. - 12:30 P.M.
Lunch Presentation (Hillsborough County Southeast Landfill)	12:30 - 1:30 P.M.
Wrap-up and Questions	1:30 - 2:30 P.M.

Lunch delivery will be available at a cost of $3.50 per person to include a sandwich, chips, and a soft drink, or you may bring your own lunch. There will be space available in the meeting room to allow up to 3 persons per facility to attend. The Department suggests that at least one individual who is directly responsible for leachate management at the facility attend the meeting. Counties may choose to invite their consultant if they are responsible for compiling leachate data for the landfill.

Ms. Susan Metcalfe
Citrus County

NOV - 9 1995

You are requested to contact me at (813) 744-6100, ext. 382, prior to November 22, 1995, confirming who from your organization will be attending the meeting or if you have any questions.

Sincerely,

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachment

cc: Robert Butera, P.E, FDEP Tampa
Susan Pelz, FDEP Tampa
David Chamblin, Citrus County
Gary Kuhl, P.E, Citrus County

LEACHATE MANAGEMENT IN S.W. DISTRICT

Facility	Rainfall	# Days	Open Acres	Interm. Acres	Closed Acres	Collected	Leachate gal/acre/day	From	To
Citrus 7 Ac	27.2	180	0	0	7	206,595	164	1-Jan-95	30-Jun-95
Citrus Ex. Phs I	27.2	180	3	14	0	942,907	308	1-Jan-95	30-Jun-95
Desoto	33.2	180	4	4	0	1,609,268	1118	1-Jan-95	30-Jun-95
Hardee	24.3	180	9	5	0	3,995,220	1585	1-Jan-95	30-Jun-95
Hernando Croom	24.1	180	0	0	5	63,800	71	1-Jan-95	30-Jun-95
Hernando NW	34.0	180	6	0	0	1,533,300	1420	1-Jan-95	30-Jun-95
Hills DJJ	11.6	180	1	5	0	1,003,709	929	1-Jan-95	30-Jun-95
Hills. SE	21.2	180	5	92	23	17,872,000	827	1-Jan-95	30-Jun-95
Levy Area #1	38.0	180	0	3	0	160,490	297	1-Jan-95	30-Jun-95
Levy Area #2	38.0	180	3	0	0	996,125	1845	1-Jan-95	30-Jun-95
Levy Pond	38.0	180	1	0	0	1,031,791	5732	1-Jan-95	30-Jun-95
Manatee Stg I	17.5	180	6	113	0	52,495,162	2451	1-Jan-95	30-Jun-95
Manatee Stg III	17.5	180	0	71	0	21,517,427	1684	1-Jan-95	30-Jun-95
Manatee Pond	17.5	180	5	0	0	2,375,835	2640	1-Jan-95	30-Jun-95
Pasco East T1	20.3	180	0	0	7	99,800	79	1-Jan-95	30-Jun-95
Pasco East T2	20.3	180	0	0	7	129,600	103	1-Jan-95	30-Jun-95
Pasco East T3	20.3	180	0	0	5	7,000	8	1-Jan-95	30-Jun-95
Pasco East T4	20.3	180	0	6	5	36,000	18	1-Jan-95	30-Jun-95
Pasco East T5	20.3	180	2	4	0	680,800	630	1-Jan-95	30-Jun-95
Pasco West A1	26.9	180	8	0	0	3,130,029	2174	1-Jan-95	30-Jun-95
Pasco West Cls III	26.9	180	7	0	0	2,313,350	1836	1-Jan-95	30-Jun-95
Pin. 126th Ave.		180	12	0	0	0	0	1-Jan-95	30-Jun-95
Pin. Bridgeway Ac.	26.6	180	750	0	0	147,580,564	1093	1-Jan-95	30-Jun-95
Pin. Toytown	20.0	180	0	0	215	21,345,510	552	1-Jan-95	30-Jun-95
Polk NC	23.1	180	6	40	0	617,500	75	1-Jan-95	30-Jun-95
Polk NE	18.8	180	0	14	0	1,253,953	498	1-Jan-95	30-Jun-95
Polk SE	20.8	180	4	14	0	3,034,152	936	1-Jan-95	30-Jun-95
Sarasota B. R.	23.7	180	15	115	90	27,276,228	689	1-Jan-95	30-Jun-95

LEACHATE MANAGEMENT IN S.W. DISTRICT

Facility	Rainfall	# Days	Open Acres	Interm. Acres	Closed Acres	Collected	Leachate gal/acre/day	From	To
Citrus 7 Ac	27.2	92	0	0	7	67,022	104	1-Jul-95	30-Sep-95
Citrus Ex. Phs I	27.2	92	3	14	0	597,023	382	1-Jul-95	30-Sep-95
Desoto	37.3	92	4	4	0	2,316,000	3147	1-Jul-95	30-Sep-95
Hardee	31.7	92	9	5	0	2,794,569	2170	1-Jul-95	30-Sep-95
Hernando Croom	23.8	92	0	0	5	23,200	50	1-Jul-95	30-Sep-95
Hernando NW	18.5	92	6	0	0	1,251,600	2267	1-Jul-95	30-Sep-95
Hills DJJ	14.9	92	1	5	0	388,200	703	1-Jul-95	30-Sep-95
Hills. SE	42.5	92	5	92	23	8,175,000	740	1-Jul-95	30-Sep-95
Levy Area #1	19.6	92	0	3	0	129,173	468	1-Jul-95	30-Sep-95
Levy Area #2	19.6	92	3	0	0	623,850	2260	1-Jul-95	30-Sep-95
Levy Pond	19.6	92	1	0	0	532,187	5785	1-Jul-95	30-Sep-95
Manatee Stg I	34.0	92	6	113	0	32,856,807	3001	1-Jul-95	30-Sep-95
Manatee Stg III	34.0	92	0	71	0	14,388,424	2203	1-Jul-95	30-Sep-95
Manatee Pond	34.0	92	5	0	0	4,615,908	10035	1-Jul-95	30-Sep-95
Pasco East T1	32.4	92	0	0	7	80,800	125	1-Jul-95	30-Sep-95
Pasco East T2	32.4	92	0	0	7	138,550	215	1-Jul-95	30-Sep-95
Pasco East T3	32.4	92	0	0	5	15,100	33	1-Jul-95	30-Sep-95
Pasco East T4	32.4	92	0	6	5	39,900	39	1-Jul-95	30-Sep-95
Pasco East T5	32.4	92	2	4	0	704,908	1277	1-Jul-95	30-Sep-95
Pasco West A1	20.5	92	8	0	0	1,703,959	2315	1-Jul-95	30-Sep-95
Pasco West Cls III	26.3	92	7	0	0	2,188,300	3398	1-Jul-95	30-Sep-95
Pin. 126th Ave.		92	12	0	0	0	0	1-Jul-95	30-Sep-95
Pin. Bridgeway Ac.		92	750	0	0	0	0	1-Jul-95	30-Sep-95
Pin. Toytown	26.4	92	0	0	215	10,987,910	556	1-Jul-95	30-Sep-95
Polk NC	27.8	92	6	40	0	408,013	96	1-Jul-95	30-Sep-95
Polk NE	31.8	92	0	14	0	728,755	566	1-Jul-95	30-Sep-95
Polk SE	25.5	92	4	14	0	2,582,884	1560	1-Jul-95	30-Sep-95
Sarasota B. R.	36.5	92	15	115	90	15,654,008	773	1-Jul-95	30-Sep-95

Board of County Commissioners

Department of Public Works

Post Office Box 167, Lecanto, Florida 34460

(904) 746-4107 — Fax (904) 746-1203

RECEIVED
OCT 23 1995
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

October 17, 1995

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find daily leachate generation; disposal amounts; precipitation data; open, intermediate, unused and closed acres for the months of July, August and September, 1995 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

LECGENJY.WK1

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	OFF-SITE DISPOSAL TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
09/01/95	881	7118	7999	0	0	7999	12383	0	12383	0	0	9014	3369	0	1.85
09/02/95	573	8027	8600	0	0	8600	0	0	0	0	0	0	0	0	0.00
09/03/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
09/04/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
09/05/95	1718	15018	16736	3448	0	20184	12537	0	12537	0	0	9834	2703	0	0.00
09/06/95	1130	7712	8842	1626	0	10468	7053	0	7053	0	0	7053	0	0	0.00
09/07/95	1315	6964	8279	643	0	8922	19981	0	19981	0	0	14350	5551	0	3.00
09/08/95	610	6806	7416	0	11070	18486	15849	0	15849	0	0	15849	0	0	0.20
09/09/95	683	6312	6995	0	0	6995	25917	0	25917	0	0	20672	5245	0	0.00
09/10/95	0	0	0	0	0	0	26371	0	26371	0	0	20959	5412	0	0.00
09/11/95	1926	12646	14572	3854	0	18426	15125	0	15125	0	0	12451	2674	0	1.60
09/12/95	666	6938	7604	1923	23911	33438	3225	0	3225	0	0	3225	0	0	1.50
09/13/95	637	7000	7637	1182	0	8819	11551	0	11551	0	0	8868	2683	0	0.40
09/14/95	1036	6981	8017	3378	0	11395	10847	0	10847	0	0	8900	1947	0	0.00
09/15/95	556	7692	8248	0	0	8248	10983	0	10983	0	0	8108	2875	0	0.00
09/16/95	679	6447	7126	0	0	7126	11223	0	11223	0	0	11223	0	0	0.00
09/17/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
09/18/95	1655	15327	16982	0	0	16982	14454	0	14454	0	0	11612	2842	0	0.00
09/19/95	917	7714	8631	0	0	8631	10453	0	10453	0	0	7640	2813	0	0.00
09/20/95	301	7257	7558	3976	0	11534	14415	0	14415	0	0	11813	2602	0	0.00
09/21/95	732	14449	15181	2199	0	17380	9256	0	9256	0	0	6537	2719	0	0.00
09/22/95	541	13771	14312	0	0	14312	20718	0	20718	0	0	16380	4338	0	0.00
09/23/95	0	0	0	0	0	0	12952	0	12952	0	0	7909	5043	0	0.00
09/24/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
09/25/95*	0	0	0	3525	0	3525	0	0	0	0	0	0	0	0	0.00
09/26/95	2335	13545	15880	1751	0	17631	12154	0	12154	0	0	9456	2698	0	0.40
09/27/95	10	7239	7249	3518	0	10767	12533	0	12533	0	0	10037	2496	0	0.00
09/28/95	690	6852	7542	4645	0	12187	9107	0	9107	0	0	6659	2448	0	0.00
09/29/95	1227	7291	8518	0	0	8518	17437	0	17437	0	0	12624	4813	0	0.00
09/30/95	1521	13184	14705	0	0	14705	0	0	0	0	0	0	0	0	0.00
00/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	22339	212290	234629 0	35668	34981	305278	316444	0	316444	0	0	251173	65271	0	9.75

*Note: Lift stations off due to pumping of stormwater to plant

PHASE I - 16.1 ACRES

OPEN		1.5
INTERMEDIATE		11.8
UNUSED		2.8
CLOSED		0

0 INFLUENT = NO READING

STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP

IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT

SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - EFFLUENT

SSU-RAW = SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - INFLUENT

COI-CITY OF INVERNESS PLANT

DPW CULVERT = PUBLIC WORKS CULVERT CLEAN-OUT - LIQUID DECANT TO LIFT STATIONS

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

LFCGEN1Y.WK1

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	INFLUENT FROM LIFT STATIONS 80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	OFF-SITE DISPOSAL TREATED TOTAL	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS		SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
08/01/95	888	6616	7424	2787	0	10131	13864	0	13864	0	0	11870	2794	0	0	0.00
08/02/95	1154	5905	7059	0	0	7059	11878	0	11878	0	0	9362	2516	0	0	1.40
08/03/95	188	690	878	1705	0	2583	12726	0	12726	0	0	10182	2544	0	0	2.75
08/04/95	555	7917	8472	0	22000	30472	13882	0	13882	0	0	7868	6012	0	0	0.00
08/05/95	479	7764	8243	0	10000	18243	12765	0	12765	0	0	10367	2403	0	0	0.00
08/06/95	0	0	0	0	0	0	16529	0	16529	0	0	12580	3949	0	0	0.00
08/07/95	1155	11870	13025	986	11870	25881	15719	0	15719	0	0	10614	5150	0	0	0.00
08/08/95*	0	0	0	2273	0	2273	14436	0	14436	0	0	11887	2549	0	0	0.00
08/09/95	919	9381	10300	5002	0	0	0	0	0	0	0	0	0	0	0	0.00
08/10/95	788	7313	8101	3472	0	11573	17211	0	17211	0	0	15945	1266	0	0	0.00
08/11/95	1201	2722	3923	0	0	3923	12650	0	12650	0	0	9995	2655	0	0	0.00
08/12/95	709	9762	10471	0	0	10471	7678	0	7678	0	0	5136	2542	0	0	0.00
08/13/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
08/14/95	1272	19395	20667	3599	0	24266	10889	0	10889	0	0	8280	2609	0	0	0.00
08/15/95	478	7690	8168	3875	0	12043	15502	0	15502	0	0	15502	0	0	0	0.10
08/16/95	802	6264	7066	1153	0	8219	16052	0	16052	0	0	12062	3990	0	0	0.00
08/17/95	532	6934	7466	796	0	8262	9684	0	9684	0	0	7120	2564	0	0	0.30
08/18/95	0	6224	6224	0	0	6224	13652	0	13652	0	0	12261	1391	0	0	0.00
08/19/95	128	6559	6687	0	0	6687	4590	0	4590	0	0	2530	2060	0	0	0.00
08/20/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
08/21/95	129	13108	13237	1880	0	15117	11600	0	11600	0	0	8876	2724	0	0	2.10
08/22/95	5	6612	6617	2995	0	9612	13257	0	13257	0	0	10516	2741	0	0	0.00
08/23/95	284	7546	7830	0	19557	27387	12283	0	12283	0	0	9544	2739	0	0	0.00
08/24/95	591	5533	6124	0	0	6124	12680	0	12680	0	0	9994	2686	0	0	0.15
08/25/95	1502	6985	8567	0	0	8567	12254	0	12254	0	0	10189	2065	0	0	0.30
08/26/95	1667	5948	7615	0	0	7615	0	0	0	0	0	0	0	0	0	0.00
08/27/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
08/28/95	2663	12169	14832	2659	0	17491	13213	0	13213	0	0	10597	2616	0	0	0.00
08/29/95	580	6214	6794	4998	0	11792	2525	0	2625	0	0	2525	0	0	0	0.10
08/30/95	617	6213	6830	4410	0	11240	11103	0	11103	0	0	8304	2799	0	0	0.00
08/31/95	575	6261	6836	4779	0	11615	12957	0	12957	0	0	10101	2856	0	0	0.30
TOTALS	19861	199595	219456	47289	62627	314070	321579	0	321579	0	0	253399	68220	0	0	8.00

*Note: Lift stations off due to pumping of stormwater to plant

PHASE I - 16.1 ACRES

OPEN		1.5
INTERMEDIATE		11.8
UNUSED		2.8
CLOSED		0

0 INFLUENT = NO READING

STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP

IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT

SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - EFFLUENT

SSU-RAW = SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - INFLUENT

COI-CITY OF INVERNESS PLANT

DPW CULVERT = PUBLIC WORKS CULVERT CLEAN-OUT - LIQUID DECANT TO LIFT STATIONS

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

LECGENJY.WK1

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80	TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
07/01/95	0	0	0	0	0	0	2072	0	2072	0	0	2072	0	0	0.00
07/02/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/03/95	1165	10725	11910	0	0	11910	165	0	0	0	0	165	0	0	0.00
07/04/95	395	3575	3970	0	0	3970	0	0	0	0	0	0	0	0	0.00
07/05/95*	2100	14903	17003	571	0	17574	211	0	211	0	0	211	0	0	1.00
07/06/95	942	7905	8847	4131	0	12978	11148	0	11148	0	0	8379	2769	0	0.00
07/07/95	644	6122	6766	0	0	6766	13442	0	10648	0	0	10648	2794	0	0.00
07/08/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.40
07/09/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/10/95	1819	16352	18171	2357	0	20528	11887	0	11887	0	0	9103	2784	0	0.00
07/11/95	594	5491	6085	3341	0	9426	14077	0	14077	0	0	11248	2829	0	0.02
07/12/95	823	6184	7007	0	0	7007	17319	0	17319	0	0	13324	3995	0	0.00
07/13/95	837	6188	7025	0	0	7025	14647	0	14647	0	0	11112	3535	0	0.00
07/14/95	356	5499	5855	0	0	5855	7062	0	7062	0	0	7062	0	0	0.00
07/15/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/16/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/17/95	821	18212	19033	0	0	19033	14005	0	14005	0	0	11216	2789	0	2.55
07/18/95	1668	3018	4686	0	0	4686	12977	0	12977	0	0	10176	2801	0	2.70
07/19/95	2204	7236	9440	0	0	9440	12801	0	12801	0	0	8839	3962	0	0.00
07/20/95	831	4924	5755	0	0	5755	11362	0	11362	0	0	8695	2667	0	0.00
07/21/95	975	6343	7318	0	0	7318	11677	0	11677	0	0	8950	2727	0	0.30
07/22/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.95
07/23/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/24/95	2851	18647	21498	5046	0	26544	11202	0	11202	0	0	11202	0	0	0.00
07/25/95	957	6248	7205	5156	0	12361	15593	0	15593	0	0	12854	2739	0	0.00
07/26/95	701	6066	6767	3341	0	10108	4789	0	4789	0	0	4789	0	0	0.00
07/27/95	652	5690	6342	0	0	6342	0	0	0	0	0	0	0	0	0.00
07/28/95	828	6238	7066	0	0	7066	12815	0	12815	0	0	10283	2532	0	0.75
07/29/95	0	0	0	0	0	0	6952	6952	0	0	6952	0	0	0	0.00
07/30/95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
07/31/95	2639	19572	22211	604	0	22815	14298	0	14298	0	0	11862	2436	0	0.60
TOTALS	24822	185138	209960	24547	0	234507	220501	6952	210590	0	6952	172190	41359	0	9.45

*NOTE: LIFT STATIONS OFF DUE TO POWER SHORTAGE

0 INFLUENT = NO READING

STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP

IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT

SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - EFFLUENT

SSU-RAW = SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - INFLUENT

COI-CITY OF INVERNESS PLANT

PHASE I - 16.1 ACRES

OPEN	1.5
INTERMEDIATE	11.8
UNUSED	2.8
CLOSED	0

Board of County Commissioners

Department of Public Works

Post Office Box 167, Lecanto, Florida 34460

(904) 746-4107 — Fax (904) 746-1203

TELECOPIER MESSAGE

TO: Kim Ford, Solid Waste Section - DEP - Tampa
(Fax # 813/744-6125)

FROM: Cathy Winter, Solid Waste Tech. II
Division of Solid Waste Management

RE: Revised Leachate Generation Report - June, 1995

OF PAGES 2 including cover

DATE OF TRANSMITTAL: 7-25-95

Message:

This report has been further revised as we discussed.

If you need additional information please let me know.

/cjw

CC: Susan Metcalfe, Dir., Solid Waste Management
Utilities Division - Plant Operations

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenjn.wk2

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DFW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	OFF-SITE DISPOSAL TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
06/01/95	852	4999	5851	0	0	5851	10689	2760	7929	0	2760	5200	2729	0	0.00
06/02/95	903	5092	5995	0	0	5995	0	0	0	0	0	0	0	0	0.80
06/03/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/04/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/05/95	2507	14223	16730	0	0	16730	7808	0	7808	0	0	5144	2664	0	1.75
06/06/95	1298	4720	6018	954	0	6972	10967	0	10967	0	0	8173	2794	0	0.00
06/07/95	1086	5246	6332	818	0	7150	8153	0	8153	0	0	5374	2779	0	0.00
06/08/95	1202	4997	6199	0	0	6199	10206	0	1026	0	0	10206	0	0	0.00
06/09/95	1143	5122	6265	0	0	6265	10443	7923	2520	0	5228	2520	0	2695	0.00
06/10/95	NR	NR	NR	0	0	NR	11182	11182	0	0	8338	0	0	2844	0.00
06/11/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/12/95	3264	15071	18335	583	0	18918	0	0	0	0	0	0	0	0	0.40
06/13/95	834	6123	6957	0	0	6957	10455	0	10455	0	0	7772	2683	0	0.70
06/14/95	637	5221	5858	0	0	5858	10711	0	10711	0	0	7900	2811	0	0.00
06/15/95	640	5221	5861	0	0	5861	8127	0	8127	0	0	8127	0	0	0.00
06/16/95	640	5221	5861	0	0	5861	10873	0	10873	0	0	8072	2801	0	0.00
06/17/95	NR	NR	NR	0	0	NR	10561	0	10561	0	0	7964	2597	0	0.00
06/18/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/19/95	1822	15231	17053	1607	0	18660	11341	0	11341	0	0	8420	2921	0	0.00
06/20/95	817	6143	6960	1861	0	8821	7734	0	7734	0	0	3842	3892	0	0.00
06/21/95	813	5454	6267	1429	0	7696	5118	0	5118	0	0	2631	2487	0	0.00
06/22/95	687	5052	5739	1496	0	7235	10287	0	10287	0	0	7663	2624	0	0.00
06/23/95	687	5053	5740	0	0	5740	11548	0	11548	0	0	7555	3993	0	0.00
06/24/95	NR	NR	NR	0	0	NR	9110	0	9110	0	0	6364	2746	0	0.80
06/25/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	3.70
06/26/95	2208	13958	16166	3947	0	20113	7113	0	7113	0	0	3326	3787	0	0.50
06/27/95	839	6496	7335	3393	0	10728	13685	0	13685	0	0	10896	2789	0	0.00
06/28/95	395	3575	3970	3182	0	7152	11751	0	11751	0	0	9065	2686	0	0.00
06/29/95	395	3575	3970	1302	0	5272	14422	0	14422	0	0	11751	2671	0	0.00
06/30/95	395	3575	3970	0	0	3970	0	0	0	0	0	0	0	0	0.00
0/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	24064	149368	173432	20572	0	194004	222284	21865	191239	0	16326	147965	52454	5539	10.25

PHASE I - 17 ACRES

OPEN	1.5
INTERMEDIATE	15.5
CLOSED	0

NR = NO READING
STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT
SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER
COI-CITY OF INVERNESS PLANT

07/28/95 16:47 ☎904 7465000 5271204 SOLID WASTE MGT 002

Board of County Commissioners

Department of Public Works

Post Office Box 167, Lecanto, Florida 34460

(904) 746-4107 — Fax (904) 746-1203

TELECOPIER MESSAGE

TO: Kim Ford, Solid Waste Section - DEP - Tampa
(Fax # 813/744-6125)

FROM: Cathy Winter, Solid Waste Tech. II
Division of Solid Waste Management

RE: Revised Leachate Generation Report - June, 1995

OF PAGES 2 including cover

DATE OF TRANSMITTAL: 7-21-95

Message:

This report was revised under the direction of the plant operator, in accordance with your request.

If you need additional information please let me know.

/cjw

CC: Susan Metcalfe, Dir., Solid Waste Management
Utilities Division - Plant Operations

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

leegenja

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80	TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
06/01/95	852	4999	5851	0	0	5851	10689	2760	7929	0	2760	5200	2729	0	0.00
06/02/95	2709	15276	17985	0	0	17985	0	0	0	0	0	0	0	0	0.80
06/03/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/04/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/05/95	701	4039	4740	0	0	4740	7808	0	7808	0	0	5144	2664	0	1.75
06/06/95	1298	4720	6018	954	0	6972	10967	0	10967	0	0	8173	2794	0	0.00
06/07/95	1086	5246	6332	818	0	7150	8153	0	8153	0	0	5374	2779	0	0.00
06/08/95	1202	4997	6199	0	0	6199	10206	0	1026	0	0	10206	0	0	0.00
06/09/95	3429	15366	18795	0	0	18795	10443	7923	2520	0	5228	2520	0	2695	0.00
06/10/95	NR	NR	NR	0	0	NR	11182	11182	0	0	8338	0	0	2844	0.00
06/11/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/12/95	978	4827	5805	583	0	6388	0	0	0	0	0	0	0	0	0.40
06/13/95	834	6123	6957	0	0	6957	10455	0	10455	0	0	7772	2683	0	0.70
06/14/95	637	5221	5858	0	0	5858	10711	0	10711	0	0	7900	2811	0	0.00
06/15/95	640	5221	5861	0	0	5861	8127	0	8127	0	0	8127	0	0	0.00
06/16/95	1920	15663	17583	0	0	17583	10873	0	10873	0	0	8072	2801	0	0.00
06/17/95	NR	NR	NR	0	0	NR	10561	0	10561	0	0	7964	2597	0	0.00
06/18/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	0.00
06/19/95	542	4789	5331	1607	0	6938	11341	0	11341	0	0	8420	2921	0	0.00
06/20/95	817	6143	6960	1861	0	8821	7734	0	7734	0	0	3842	3892	0	0.00
06/21/95	813	5454	6267	1429	0	7696	5118	0	5118	0	0	2631	2487	0	0.00
06/22/95	687	5052	5739	1496	0	7235	10287	0	10287	0	0	7663	2624	0	0.00
06/23/95	2062	15159	17221	0	0	17221	11548	0	11548	0	0	7585	3993	0	0.00
06/24/95	NR	NR	NR	0	0	NR	9110	0	9110	0	0	6364	2746	0	0.80
06/25/95	NR	NR	NR	0	0	NR	0	0	0	0	0	0	0	0	3.70
06/26/95	834	3852	4686	3947	0	8633	7113	0	7113	0	0	3326	3787	0	0.50
06/27/95	839	6496	7335	3393	0	10728	13685	0	13685	0	0	10896	2789	0	0.00
06/28/95	395	3575	3970	3182	0	7152	11751	0	11751	0	0	9065	2686	0	0.00
06/29/95	395	3575	3970	1302	0	5272	14422	0	14422	0	0	11751	2671	0	0.00
06/30/95	395	3575	3970	0	0	3970	0	0	0	0	0	0	0	0	0.00
0/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	24065	149368	173433	20572	0	194005	222284	21865	191239	0	16326	147965	52454	5539	10.25

PHASE I - 17 ACRES

OPEN	1.5
INTERMEDIATE	15.5
CLOSED	0

NR = NO READING
STORMWATER/80 - LEACHATE CREATED BY STORM EVENT TRANSFERRED TO PLANT FROM SUMP
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT
SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER
COI-CITY OF INVERNESS PLANT

07/21/95 15:28 904 7465000 5271204 SOLID WASTE MGT 002

I N T E R O F F I C E M E M O R A N D U M

Date: 19-Jul-1995 01:42pm EST
From: Kim Ford TPA
FORD_K
Dept: Southwest District Offi
Tel No: 813/620-6100
SUNCOM: 542-6100 Ext. 382

TO: Robert Butera TPA (BUTERA_R)

CC: Allison Amram TPA (AMRAM_A)
CC: Steve Morgan TPA (MORGAN_S)

Subject: CITRUS COUNTY LANDFILL LEACHATE MANAGEMENT

I spoke with Ms. Kathy Winter today at 1:45. She explained the reason that so many of the numbers for leachate collected are the same is because they don't read the meter very often and prorate the numbers. I requested "NR" be used on the form when there is no reading, the next number will represent all previous NR days and NR should only be used on Sundays or holidays, no prorating. I asked about the "DPW culvert" and "Storwater 80" readings. She explained that the Dept. of Public Works (DPW) discharges contaminated stormwater from culvert cleaning into the treatment plant and discharge from the bermed working area must be measured separately since it does not pass through the leachate collection system and pump station. I asked that these discharges be requested in writing to DEP and the method of measuring each be explained. She said this can be done Monday when Ms. Metcalfe returns from vacation. I also told her that according to the records leachate collected from the landfill is only 1/3 to 1/2 that expected and there is concern that leachate is not reaching the collection system and is building up inside the landfill which could cause the north slope to fail.

Board of County Commissioners

Department of Public Works

Post Office Box 167, Lecanto, Florida 34460

(904) 746-4107 — Fax (904) 746-1203

JUL 14 1995
WEST DISTRICT
TAMPA

July 10, 1995

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill - Leachate Quantity Reports
Permit SO09-187229 - 80 Acre - Permit SF09-211030 - 7 Acre

Dear Mr. Ford:

Enclosed please find daily leachate generation; disposal amounts; precipitation data; open, intermediate and closed acres for the months of April, May and June, 1995 for the Citrus County Central Landfill.

We were unsure unused as to how you wish to classify the liner area above the gutter system. (Installation was completed on June 12, 1995.) We have included it as intermediate cover area on the report, but believe it could now be considered closed, as it does not contribute to leachate generation.

We have enclosed photographs showing the liner area in question. I would like to discuss this issue with you, at your convenience.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe
Director, Solid Waste Management

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenjn

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL ALL OFF SITE DISPOSAL	OFF-SITE DISPOSAL RAW TOTAL	TREATED TOTAL	IPS	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP SSU-RAW	SSU	COI	COI-RAW	RAIN DATA
06/01/95	852	4999	5851	0	0	5851	10689	2760	7929	0	2760	5200	2729	0	0.00
06/02/95	903	5092	5995	0	0	5995	0	0	0	0	0	0	0	0	0.80
06/03/95	903	5092	5995	0	0	5995	0	0	0	0	0	0	0	0	0.00
06/04/95	903	5092	5995	0	0	5995	0	0	0	0	0	0	0	0	0.00
06/05/95	701	4039	4740	0	0	4740	7808	0	7808	0	0	5144	2664	0	1.75
06/06/95	1298	4720	6018	954	0	6972	10967	0	10967	0	0	8173	2794	0	0.00
06/07/95	1086	5246	6332	818	0	7150	8153	0	8153	0	0	5374	2779	0	0.00
06/08/95	1202	4997	6199	0	0	6199	10206	0	1026	0	0	10206	0	0	0.00
06/09/95	1143	5122	6265	0	0	6265	10443	7923	2520	0	5228	2520	0	2695	0.00
06/10/95	1143	5122	6265	0	0	6265	11182	11182	0	0	8338	0	0	2844	0.00
06/11/95	1143	5122	6265	0	0	6265	0	0	0	0	0	0	0	0	0.00
06/12/95	978	4827	5805	583	0	6388	0	0	0	0	0	0	0	0	0.40
06/13/95	834	6123	6957	0	0	6957	10455	0	10455	0	0	7772	2683	0	0.70
06/14/95	637	5221	5858	0	0	5858	10711	0	10711	0	0	7900	2811	0	0.00
06/15/95	640	5221	5861	0	0	5861	8127	0	8127	0	0	8127	0	0	0.00
06/16/95	640	5221	5861	0	0	5861	10873	0	10873	0	0	8072	2801	0	0.00
06/17/95	640	5221	5861	0	0	5861	10561	0	10561	0	0	7964	2597	0	0.00
06/18/95	640	5221	5861	0	0	5861	0	0	0	0	0	0	0	0	0.00
06/19/95	542	4789	5331	1607	0	6938	11341	0	11341	0	0	8420	2921	0	0.00
06/20/95	817	6143	6960	1861	0	8821	7734	0	7734	0	0	3842	3892	0	0.00
06/21/95	813	5454	6267	1429	0	7696	5118	0	5118	0	0	2631	2487	0	0.00
06/22/95	687	5052	5739	1496	0	7235	10287	0	10287	0	0	7663	2624	0	0.00
06/23/95	687	5053	5739	0	0	5739	11548	0	11548	0	0	7555	3993	0	0.00
06/24/95	687	5053	5739	0	0	5739	9110	0	9110	0	0	6364	2746	0	0.80
06/25/95	687	5053	5739	0	0	5739	0	0	0	0	0	0	0	0	3.70
06/26/95	834	3852	4686	3947	0	8633	7113	0	7113	0	0	3326	3787	0	0.50
06/27/95	839	6496	7335	3393	0	10728	13685	0	13685	0	0	10896	2789	0	0.00
06/28/95	395	3575	3970	3182	0	7152	11751	0	11751	0	0	9065	2686	0	0.00
06/29/95	395	3575	3970	1302	0	5272	14422	0	14422	0	0	11751	2671	0	0.00
06/30/95	395	3575	3970	0	0	3970	0	0	0	0	0	0	0	0	0.00
0/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	24064	149368	173429	20572	0	194001	222284	21865	191239	0	16326	147965	52454	5539	10.25

PHASE I - 17 ACRES

OPEN	1.5
INTERMEDIATE	15.5
CLOSED	0

IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT
SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER
COI=CITY OF INVERNESS PLANT

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenmy

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	INFLUENT FROM LIFT STATIONS 80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80	TOTAL INFLUENT TO PLANT	TOTAL OFF SITE DISPOSAL	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	SSU-SW	COI	RAIN DATA
05/01/95	972	4918	5890	1671	0	7561	2815	0	0	0	0	0	0	2815	0.00
05/02/95	919	4992	5911	2432	0	8343	6695	0	0	0	0	3868	0	2827	0.00
05/03/95	927	4816	5743	2369	0	8112	6460	0	0	0	0	3868	0	2592	0.00
05/04/95	1015	4816	5831	698	0	6529	2741	0	0	0	0	0	0	2741	0.00
05/05/95	906	4901	5807	0	0	5807	2513	0	0	0	0	0	0	2513	0.00
05/06/95	906	4901	5807	0	0	5807	8012	0	0	0	0	4017	0	3995	0.00
05/07/95	906	4901	5807	0	0	5807	0	0	0	0	0	0	0	0	0.00
05/08/95	920	4767	5687	1119	0	6806	2760	0	0	0	0	0	0	2760	0.00
05/09/95	933	4900	5833	1544	0	7377	6369	0	0	0	0	3801	0	2568	0.00
05/10/95	844	4878	5722	7249	0	12971	6638	0	0	0	0	3782	0	2856	0.00
05/11/95	825	5017	5842	2321	0	8163	0	0	0	0	0	0	0	0	0.00
05/12/95	944	4891	5835	0	0	5835	5700	0	0	0	0	2825	0	2875	1.20
05/13/95	944	4891	5835	0	0	5835	7943	0	0	0	0	4029	0	3914	0.00
05/14/95	944	4891	5835	0	0	5835	0	0	0	0	0	0	0	0	0.00
05/15/95	1001	4818	5819	866	0	6685	4599	0	0	0	0	2791	0	1808	0.00
05/16/95	886	4901	5787	2604	0	8391	9608	0	0	0	0	6773	0	2835	0.00
05/17/95	924	4887	5811	806	0	6617	2614	0	0	0	0	0	0	2614	0.00
05/18/95	0	0	0	1204	0	1204	10485	0	0	0	0	7696	0	2789	0.00
05/19/95	870	5217	6087	0	0	6087	8933	0	0	0	0	6585	0	2348	0.00
05/20/95	870	5217	6087	0	0	6087	0	0	0	0	0	0	0	0	2.90
05/21/95	870	5217	6087	0	0	6087	0	0	0	0	0	0	0	0	0.00
05/22/95	848	5001	5849	827	0	6676	0	0	0	0	0	0	0	0	0.00
05/23/95	849	5055	5904	1297	0	7201	0	0	0	0	0	0	0	0	0.00
05/24/95	841	5070	5911	902	0	6813	0	0	0	0	0	0	0	0	0.00
05/25/95	845	4989	5834	0	0	5834	9616	0	0	0	0	6753	0	2863	0.00
05/26/95	897	5110	6007	0	0	6007	3820	0	0	0	0	3820	0	0	0.00
05/27/95	897	5110	6007	0	0	6007	5724	0	0	0	0	2827	0	2897	0.00
05/28/95	897	5110	6007	0	0	6007	0	0	0	0	0	0	0	0	0.00
05/29/95	818	5007	5825	0	0	5825	0	0	0	0	0	0	0	0	0.00
05/30/95	862	5087	5949	0	0	5949	10142	0	0	0	0	7593	0	2549	0.00
05/31/95	845	5101	5946	0	0	5946	5288	0	0	0	0	2602	0	2686	0.00
TOTALS	26925	149377	176302	27909	0	204211	129475	0	0	0	0	73630	0	55845	4.10

MC=MEADOWCREST PLANT
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SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER
COI-CITY OF INVERNESS PLANT

PHASE I - 17 ACRES

OPEN	3
INTERMEDIATE	14
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenap

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT/ STORMWATER/80		TOTAL INFLUENT TO PLANT	TOTAL OFF SITE DISPOSAL	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	SSU-SW	COI	RAIN DATA
04/01/95	1214	4905	6119	0	0	6119	10750	0	0	0	0	7889	0	2861	1.40
04/02/95	1214	4905	6119	0	0	6119	0	0	0	0	0	0	0	0	0.00
04/03/95	1197	4716	5913	1381	0	7294	11671	0	0	0	0	7625	0	4046	0.00
04/04/95	1411	4379	5790	1654	8118	15562	10472	0	0	0	0	7817	0	2655	0.00
04/05/95	1260	4226	5486	2338	0	7824	9334	0	0	0	0	7782	0	1552	0.50
04/06/95	1335	4302	5637	0	27306	32943	14230	0	0	0	0	11741	0	2489	1.00
04/07/95	1475	5351	6826	0	0	6826	14459	0	0	0	0	11622	0	2837	0.00
04/08/95	1475	5351	6826	0	0	6826	15398	0	0	0	0	12729	0	2669	0.00
04/09/95	1475	5351	6826	0	0	6826	0	0	0	0	0	0	0	0	0.00
04/10/95	1243	4326	5569	1182	0	6751	13463	0	0	0	0	10684	0	2779	0.00
04/11/95	589	5061	5650	1092	0	6742	13672	0	0	0	0	10933	0	2739	0.00
04/12/95	0	4751	4751	2144	0	6895	13891	0	0	0	0	11076	0	2815	0.00
04/13/95	0	5448	5448	954	0	6402	8480	0	0	0	0	5924	0	2556	0.00
04/14/95	544	5194	5738	0	0	5738	0	0	0	0	0	0	0	0	0.00
04/15/95	544	5194	5738	0	0	5738	0	0	0	0	0	0	0	0	0.00
04/16/95	544	5194	5738	0	0	5738	0	0	0	0	0	0	0	0	0.00
04/17/95	596	5433	6029	0	0	6029	10602	0	0	0	0	8199	0	2403	0.00
04/18/95	1419	5171	6590	1179	0	7769	10281	0	0	0	0	7763	0	2518	0.00
04/19/95	1167	5270	6437	1456	0	7893	10498	0	0	0	0	7956	0	2542	0.00
04/20/95	927	5220	6147	1261	0	8283	8007	0	0	0	0	5362	0	2645	0.00
04/21/95	1102	5108	6210	0	0	6210	5322	0	0	0	0	2751	0	2571	0.00
04/22/95	1102	5108	6210	0	0	6210	13811	0	0	0	0	11036	0	2775	0.00
04/23/95	1102	5108	6210	0	0	6210	0	0	0	0	0	0	0	0	0.00
04/24/95	1018	5099	6117	1781	0	7098	7997	0	0	0	0	5232	0	2765	1.00
04/25/95	930	4997	5927	2123	0	8050	8006	0	0	0	0	5263	0	2743	0.00
04/26/95	1097	5004	6101	765	0	6866	10818	0	0	0	0	8096	0	2722	0.00
04/27/95	970	5014	5984	779	0	6763	5065	0	0	0	0	2254	0	2811	0.00
04/28/95	1083	5110	6193	0	0	6193	11165	0	0	0	0	8338	0	2827	0.00
04/29/95	1083	5110	6193	0	0	6193	3491	0	0	0	0	798	0	2693	0.00
04/30/95	1083	5110	6193	0	0	6193	0	0	0	0	0	0	0	0	0.00
0/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	30199	150516	180715	20089	35424	236303	240883	0	0	0	0	178870	0	62013	3.90

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COI-CITY OF INVERNESS PLANT

PHASE I - 17 ACRES

OPEN	3
INTERMEDIATE	14
CLOSED	0

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

D.E.P.
APR 10 1995
SOUTHWEST DISTRICT
TAMPA

April 7, 1995

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation; disposal amounts; precipitation data; open, intermediate and closed acres for the months of January, February, and March, 1995 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Utilities Division

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenmr

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM DPW CULVERT CLEAN OUT	TOTAL INFLUENT TO PLANT	TOTAL OFF SITE DISPOSAL	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	SSU-SW	COI	RAIN DATA
03/01/95	1259	5132	6391	1906	8297	8218	0	0	0	0	8218	0	0	0.40
03/02/95	1215	5115	6330	1487	7817	8043	0	0	0	0	8043	0	0	0.00
03/03/95	1376	5266	6642	0	6642	8086	0	0	0	0	8086	0	0	0.00
03/04/95	1376	5266	6642	0	6642	8101	0	0	0	0	8101	0	0	0.00
03/05/95	1376	5266	6642	0	6642	0	0	0	0	0	0	0	0	0.00
03/06/95	1088	5495	6583	1465	8048	8088	0	0	0	0	8088	0	0	0.00
03/07/95	1532	5563	7095	417	7512	8095	0	0	0	0	8095	0	0	0.00
03/08/95	1379	5150	6529	933	7462	8100	0	0	0	0	8100	0	0	0.70
03/09/95	79	0	79	1038	2227	8100	0	0	0	0	8100	0	0	0.00
03/10/95	1366	6176	7542	0	7542	8121	0	0	0	0	8121	0	0	0.00
03/11/95	1366	6176	7542	0	7542	0	0	0	0	0	0	0	0	0.00
03/12/95	1366	6176	7542	0	7542	0	0	0	0	0	0	0	0	0.00
03/13/95	1362	6001	7313	1276	8589	7874	0	0	0	0	7874	0	0	0.00
03/14/95	1275	5727	7002	1410	8412	8113	0	0	0	0	8113	0	0	0.00
03/15/95	1280	5521	6801	7431	14232	11892	0	0	0	0	7909	0	3983	0.00
03/16/95	1320	5963	7283	1510	8793	11237	0	0	0	0	8127	0	3110	0.30
03/17/95	1215	5367	6582	0	6582	11315	0	0	0	0	8608	0	2707	0.30
03/18/95	1215	5367	6582	0	6582	8148	0	0	0	0	8148	0	0	0.10
03/19/95	1215	5367	6582	0	6582	0	0	0	0	0	0	0	0	0.00
03/20/95	1495	5100	6595	1688	8283	11430	0	0	0	0	8099	0	3331	0.00
03/21/95	1388	5071	6409	1655	8064	11690	0	0	0	0	8117	0	3573	0.00
03/22/95	1201	4952	6153	0	6153	11611	0	0	0	0	8134	0	3477	0.00
03/23/95	1127	4997	6124	4686	20810	11719	0	0	0	0	8151	0	3568	0.00
03/24/95	1221	5007	6228	0	6228	11560	0	0	0	0	8141	0	3419	0.00
03/25/95	1221	5007	6228	0	6228	11665	0	0	0	0	8149	0	3516	0.00
03/26/95	1221	5007	6228	0	6228	0	0	0	0	0	0	0	0	0.00
03/27/95	1378	4790	6168	1844	8012	11685	0	0	0	0	8146	0	3539	0.00
03/28/95	1238	5419	6657	2103	8760	11646	0	0	0	0	8142	0	3504	0.00
03/29/95	1220	4515	5735	1823	7558	11573	0	0	0	0	8139	0	3434	0.00
03/30/95	1201	4967	6168	1101	7269	10848	0	0	0	0	8196	0	2652	0.00
03/31/95	1214	4905	6119	0	6119	10682	0	0	0	0	7435	0	3247	0.85
TOTALS	38785	159831	198516	33773	243399	257640	0	0	0	0	210580	0	47060	2.65

MC=MEADOWCREST PLANT

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COI CITY OF INVERNESS PLANT

PHASE I - 17 ACRES

OPEN	3
INTERMEDIATE	14
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecgenfe

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	SSU-SW	RAIN DATA
02/01/95	1430	4608	6038	0	0	14479	3465	2038	2038	0	6938	0	0.00
02/02/95	1429	4609	6038	0	0	14123	3448	2032	2032	0	6611	0	0.00
02/03/95	1451	5275	6726	0	0	6839	0	0	0	0	6839	0	0.00
02/04/95	1451	5275	6726	0	0	0	0	0	0	0	0	0	0.40
02/05/95	1451	5275	6726	0	0	0	0	0	0	0	0	0	0.00
02/06/95	1378	5326	6704	0	0	14420	3424	2034	2034	0	6928	0	0.00
02/07/95	1380	6100	7480	0	0	14492	3475	2027	2027	0	6963	0	0.00
02/08/95	1107	5155	6262	0	0	9219	3499	0	0	0	5720	0	0.00
02/09/95	1369	6502	7871	0	0	5630	0	0	0	0	5630	0	0.00
02/10/95	1518	5768	7286	0	0	6762	0	0	0	0	6762	0	0.00
02/11/95	1518	5768	7286	0	0	0	0	0	0	0	0	0	0.00
02/12/95	1518	5768	7286	0	0	0	0	0	0	0	0	0	0.00
02/13/95	1338	5271	6609	0	0	14311	3407	2008	2008	0	6888	0	0.00
02/14/95	1096	6163	7259	0	0	13787	3492	2029	2029	0	6237	0	0.15
02/15/95	1376	5135	6511	0	0	11096	0	2024	2024	0	7048	0	0.00
02/16/95	1376	6196	7572	0	0	8067	0	2012	2012	0	4043	0	0.00
02/17/95	1459	5983	7442	0	0	5628	0	0	0	0	5628	0	0.00
02/18/95	1459	5983	7442	0	0	0	0	0	0	0	0	0	0.00
02/19/95	1459	5983	7442	0	0	0	0	0	0	0	0	0	0.00
02/20/95	1227	4961	6118	0	0	8115	0	0	0	0	8115	0	0.70
02/21/95	1216	4980	6196	0	0	8100	0	0	0	0	8100	0	0.00
02/22/95	1390	4973	6363	0	0	8113	0	0	0	0	8113	0	0.00
02/23/95	1378	5526	6904	0	0	7985	0	0	0	0	7985	0	0.00
02/24/95	1322	5490	6812	0	0	8155	0	0	0	0	8155	0	0.00
02/25/95	1322	5490	6812	0	0	8211	0	0	0	0	8211	0	0.00
02/26/95	1322	5490	6812	0	0	0	0	0	0	0	0	0	0.00
02/27/95	1272	5582	6854	0	0	8206	0	0	0	0	8206	0	0.00
02/28/95	1349	5896	7245	0	0	8201	0	0	0	0	8201	0	0.00
00/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
00/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
00/00/00	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTALS	38361	154531	192822	0	0	203939	24210	16204	16204	0	147321	0	1.25

MC=MEADOWCREST PLANT
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BW=BRENTWOOD PLANT
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT
SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER

PHASE I - 17 ACRES

OPEN	3
INTERMEDIATE	14
CLOSED	0

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

leche16

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	SSU-SW	RAIN DATA
01/01/95	1380	5700	7080	0	0	0	0	0	0	0	0	0	0.00
01/02/95	1380	5700	7080	0	0	0	0	0	0	0	0	0	0.00
01/03/95	2002	6341	8343	0	0	13905	2906	2018	2018	0	6963	0	0.00
01/04/95	1645	6992	8637	0	0	13966	2894	2054	2054	0	6964	0	0.00
01/05/95	1903	5760	7663	0	0	8606	1873	1000	0	0	5733	0	0.00
01/06/95	1327	5111	6438	0	0	7288	0	0	0	0	7288	0	0.00
01/07/95	1327	5111	6438	0	0	0	0	0	0	0	0	0	1.50
01/08/95	1327	5111	6438	0	0	0	0	0	0	0	0	0	0.00
01/09/95	1677	5312	6989	0	0	13813	2899	2001	2001	0	6912	0	0.00
01/10/95	1387	5571	6958	0	0	13745	2861	1990	1990	0	6904	0	0.00
01/11/95	1219	5112	6331	0	0	7529	0	2039	2039	0	3451	0	0.00
01/12/95	1487	5047	6534	0	0	9060	2372	0	0	0	6688	0	0.00
01/13/95	1578	5315	6893	0	0	5000	0	0	0	0	5000	0	0.00
01/14/95	1578	5315	6893	0	0	0	0	0	0	0	0	0	2.50
01/15/95	1578	5315	6893	0	0	0	0	0	0	0	0	0	0.00
01/16/95	2090	4493	6583	0	0	25848	3307	2009	2009	0	6620	11903	1.00
01/17/95	1444	4696	6140	0	0	26504	3302	2021	2021	0	7371	11789	0.00
01/18/95	1218	4421	5639	0	0	26491	3374	2041	2439	0	6738	11899	0.00
01/19/95	1583	4114	6597	0	0	26222	3405	2020	2020	0	6873	11904	0.00
01/20/95	1486	5288	6774	0	0	25241	3297	2013	2013	0	5755	12163	0.00
01/21/95	1486	5288	6774	0	0	0	0	0	0	0	0	0	0.00
01/22/95	1486	5288	6774	0	0	0	0	0	0	0	0	0	0.00
01/23/95	1522	6323	7845	0	0	18304	3367	2025	2025	0	6832	4055	0.00
01/24/95	1387	7716	9103	0	0	14299	3410	2020	2020	0	6849	0	0.00
01/25/95	1815	9209	11024	0	0	7602	0	2025	2025	0	3552	0	0.00
01/26/95	1687	7277	8964	0	0	6978	0	0	0	0	6978	0	0.00
01/27/95	1703	6685	8388	0	0	5542	0	0	0	0	5542	0	0.20
01/28/95	1703	6685	8388	0	0	0	0	0	0	0	0	0	0.00
01/29/95	1703	6685	8388	0	0	0	0	0	0	0	0	0	0.00
01/30/95	1667	6215	7882	0	0	14505	3472	2037	2037	0	6959	0	0.90
01/31/95	1486	5988	7474	0	0	14450	3446	2037	2037	0	6930	0	0.00
TOTALS	48261	179184	228345	0	0	304898	46185	31350	30748	0	132902	63713	5.10

PHASE I - 17 ACRES

MC=MEADOWCREST PLANT	OPEN	2.8
SD=SOUTH DUNNELLON PLANT	INTERMEDIATE	14.2
BW=BRENTWOOD PLANT	CLOSED	0

IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT
SSU-SW=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT - STORMWATER

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/10/95

Time 2:30

Subject Leachate Reports

Permit No. _____

County Citrus

Ms Lynn Metcalfe

Telephone No. (904) 746-5000

Representing _____

[ ] Phoned Me [✓] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting

I asked Ms Metcalfe to Report # Open, Int & Closed Acres on each monthly report

(continue on another sheet, if necessary)

Signature _____

Title _____

PA-01
1/93
hjs

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

RECEIVED
JAN 19 1995
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

January 13, 1995

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation, disposal and precipitation data for the Month of December, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities
Southern States Utilities - Joyce Helcher

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

leche15

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	RAIN DATA
12/01/94	1353	4702	6055	0	0	13775	2789	2040	2040	0	6906	0.00
12/02/94	1578	5609	7187	0	0	6914	2849	0	0	0	4065	0.00
12/03/94	1578	5609	7187	0	0	0	0	0	0	0	0	0.00
12/04/94	1578	5609	7187	0	0	0	0	0	0	0	0	0.00
12/05/94	845	2795	3640	0	0	13828	2820	2040	2040	0	6928	3.10
12/06/94	630	2987	3617	0	0	13728	2847	2038	2038	0	6805	0.00
12/07/94	1147	5841	6988	0	0	10275	0	2019	2019	0	6237	0.00
12/08/94	1363	5420	6783	0	0	13879	3005	2016	2016	0	6842	0.00
12/09/94	1560	5014	6574	0	0	13620	2826	1998	1998	0	6798	0.00
12/10/94	1560	5014	6574	0	0	0	0	0	0	0	0	0.00
12/11/94	1560	5014	6574	0	0	0	0	0	0	0	0	0.00
12/12/94	1632	6202	7834	0	0	13055	2866	2019	2019	0	6151	1.50
12/13/94	1571	5884	7455	0	0	13002	2803	2025	2025	0	6149	0.00
12/14/94	1202	5802	7004	0	0	13026	2811	2026	2026	0	6163	0.00
12/15/94	1337	6704	8041	0	0	12888	2880	2009	2009	0	5990	0.00
12/16/94	1398	6730	8128	0	0	13003	2820	2023	2023	0	6137	0.00
12/17/94	1398	6730	8128	0	0	0	0	0	0	0	0	0.00
12/18/94	1398	6730	8128	0	0	0	0	0	0	0	0	0.00
12/19/94	1625	5356	6981	0	0	13260	2878	2016	2016	0	6350	0.00
12/20/94	1488	5547	7035	0	0	12931	2854	2023	2023	0	6031	0.00
12/21/94	1590	5920	7510	0	0	12281	2995	2016	2016	0	5254	0.20
12/22/94	1387	5809	7196	0	0	12501	2878	2019	2019	0	5585	0.15
12/23/94	1470	5809	7279	0	0	10633	0	2029	2029	0	6575	0.43
12/24/94	1470	5809	7279	0	0	10457	0	2031	2031	0	6395	0.00
12/25/94	1470	5809	7279	0	0	0	0	0	0	0	0	0.00
12/26/94	1470	5809	7279	0	0	0	0	0	0	0	0	0.00
12/27/94	1382	5880	7262	0	0	13774	2887	2029	2029	0	6829	0.00
12/28/94	1491	5642	7133	0	0	10136	0	2024	2024	0	6088	0.00
12/29/94	1520	4975	6495	0	0	6323	0	2026	2026	0	2271	0.00
12/30/94	1380	5700	7080	0	0	6835	0	0	0	0	6835	0.20
12/31/94	1380	5700	7080	0	0	6679	0	0	0	0	6679	0.00
TOTALS	43811	172161	215972	0	0	266803	45808	40466	40466	0	140063	5.58

MC=MEADOWCREST PLANT
SD=SOUTH DUNNELLON PLANT
BW=BRENTWOOD PLANT
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DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

December 7, 1994

RECEIVED
DEC 12 1994
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation, disposal and precipitation data for the Month of November, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

leche14

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	RAIN DATA
11/01/94	2365	12514	14879	24000	24000	12424	2830	2026	2026	5542	0	0.00
11/02/94	1234	6214	7448	12000	12000	12260	2806	1975	1975	5504	0	0.00
11/03/94	924	5999	6923	24000	24000	9528	0	1981	1981	5566	0	0.00
11/04/94	1133	6579	7712	0	0	9537	0	1977	1977	5583	0	0.00
11/05/94	1133	6579	7712	0	0	0	0	0	0	0	0	0.0
11/06/94	1133	6579	7712	0	0	0	0	0	0	0	0	0.0
11/07/94	1470	5111	6581	0	0	8300	1404	1404	0	5492	0	0.00
11/08/94	1255	6685	7940	0	0	12364	2851	1994	1994	5525	0	0.00
11/09/94	1717	6086	7803	0	0	12409	2861	2008	2008	5532	0	0.00
11/10/94	1859	5585	7444	0	0	6913	2887	2013	2013	0	0	0.00
11/11/94	1859	5585	7444	0	0	0	0	0	0	0	0	0.00
11/12/94	1855	5585	7444	0	0	0	0	0	0	0	0	0.10
11/13/94	1859	5585	7444	0	0	0	0	0	0	0	0	0.00
11/14/94	1497	5630	7127	0	0	15756	2837	2012	2012	5566	3329	0.00
11/15/94	1713	6012	7725	0	0	12320	2837	2016	2016	5451	0	0.00
11/16/94	1879	5442	7321	0	0	12365	2820	2017	2017	5511	0	1.50
11/17/94	1374	5406	6780	12000	12000	10303	2885	2017	2017	0	3384	1.40
11/18/94	1784	5660	7444	0	0	10743	2923	2023	2023	0	3774	0.00
11/19/94	1784	5660	7444	0	0	0	0	0	0	0	0	0.00
11/20/94	1784	5661	7445	0	0	0	0	0	0	0	0	0.00
11/21/94	1084	4064	5148	0	0	10440	2909	2033	2033	0	3465	0.10
11/22/94	1255	5433	6688	0	0	10340	2880	2019	2019	0	3422	0.00
11/23/94	1496	5740	7236	0	0	13749	2866	2032	2032	0	6819	0.00
11/24/94	1496	5740	7236	0	0	0	0	0	0	0	0	0.00
11/25/94	1496	5740	7236	0	0	10233	2514	0	0	0	7719	0.00
11/26/94	1496	5740	7236	0	0	0	0	0	0	0	0	0.00
11/27/94	1496	5740	7236	0	0	0	0	0	0	0	0	0.04
11/28/94	1387	5827	7214	0	0	14171	3207	2036	2036	0	6892	0.00
11/29/94	0	0	0	0	0	13906	2942	2037	2037	0	6890	0.00
11/30/94	2875	11480	14355	0	0	10968	0	2039	2039	0	6890	0.00
TOTALS	45692	179661	225357	72000	72000	229029	47259	37659	36255	55272	52584	3.00

NOTE: EFFECTIVE 9-1-94 - LIFT STATIONS DIRECT TO PLANT AND CONTAMINATED STORMWATER TO HOLDING POND

MC=MEADOWCREST PLANT
SD=SOUTH DUNNELLON PLANT
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DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

D.E.P.
NOV 28 1994
TAMPA

November 17, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation, disposal and precipitation data for the Month of October, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

lecge13.wk1

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	RAIN DATA
10-01-94	2302	5517	7819	0	0	0	0	0	0	0	0	0.
10-02-94	2302	5517	7819	0	0	0	0	0	0	0	0	0.
10-03-94	2106	6785	8891	0	0	11726	2359	1968	1968	5431	0	2.50
10-04-94	1527	7015	8542	0	0	11793	2453	2025	2025	5290	0	0.00
10-05-94	2276	5285	7561	0	0	12324	2846	2028	2028	5422	0	0.00
10-06-94	1492	6108	7600	0	0	18194	2838	2019	2019	11318	0	0.00
10-07-94	1957	5955	7912	0	0	18010	2834	1997	1997	11182	0	0.00
10-08-94	1957	5955	7912	0	0	6080	0	0	0	6080	0	0.00
10-09-94	1957	5955	7912	0	0	0	0	0	0	0	0	0.00
10-10-94	2121	5719	7840	0	0	20870	2006	2006	0	16858	0	1.50
10-11-94	1455	11254	12709	0	0	17903	2439	2007	2007	11450	0	1.45
10-12-94	2309	0	2309	12000	12000	29934	2846	2025	2025	23038	0	0.10
10-13-94	2232	12367	14599	12000	12000	28860	2308	1929	1929	22694	0	0.20
10-14-95	2021	6869	8890	24000	24000	11732	2202	1995	1995	5540	0	0.00
10-15-94	2021	6869	8890	0	0	0	0	0	0	0	0	0.00
10-16-94	2021	6869	8890	0	0	0	0	0	0	0	0	0.10
10-17-94	0	0	0	24000	24000	12590	2887	1995	1995	5713	0	0.00
10-18-94	3078	12059	15137	24000	24000	12500	3019	1971	1971	5539	0	0.00
10-19-94	1659	6755	8414	24000	24000	12474	2894	2007	2007	5566	0	0.00
10-20-94	1570	6321	7891	24000	24000	12094	2853	2028	2028	5185	0	0.00
10-21-94	2086	6899	8985	24000	24000	3908	1954	1954	0	0	0	0.00
10-22-94	2086	6899	8985	0	0	0	0	0	0	0	0	0.
10-23-94	2086	6899	8985	0	0	0	0	0	0	0	0	0.
10-24-94	0	0	0	24000	24000	12538	2915	2007	2007	5609	0	0.00
10-25-94	1721	7028	8749	24000	24000	12398	2872	1988	1988	5550	0	0.00
10-26-94	1481	6370	7851	12000	12000	12416	2966	1994	1994	5462	0	0.00
10-27-94	998	6121	7119	0	0	12247	2843	1997	1997	5410	0	0.04
10-28-94	1173	6495	7668	24000	24000	4064	2032	2032	0	0	0	0.00
10-29-94	1173	6495	7668	0	0	0	0	0	0	0	0	0.00
10-30-94	1175	6495	7670	0	0	0	0	0	0	0	0	0.00
10-31-94	0	0	0	24000	24000	12563	2923	2020	2020	5600		0.50
TOTALS	52342	188875	241217	276000	276000	307218	55289	41992	36000	173937	0	6.29

NOTE: EFFECTIVE 9-1-94 - LIFT STATIONS DIRECT TO PLANT AND CONTAMINATED STORMWATER TO HOLDING POND

MC=MEADOWCREST PLANT
SD=SOUTH DUNNELLON PLANT
BW=BRENTWOOD PLANT
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
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DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

D.E.P.
NOV 0 4 1994
TAMPA

October 28, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of September, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Feiz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY FLORIDA

DAILY GALLONS LEACHATE GENERATION, LEACHATE DISPOSAL AND PRECIPITATION DATA

DATE	INFLUENT FROM LIFT STATIONS 7 ACRE	INFLUENT FROM LIFT STATIONS 80 ACRE	TOTAL FOR LIFT STATIONS	INFLUENT FROM STORMWATER HOLDING POND	TOTAL DISPOSAL ON SITE	DISPOSAL OFF SITE	OFF-SITE DISPOSAL TO COUNTY OWNED WWTP MC	SD	BW	OFF-SITE DISPOSAL TO PRIVATE OWNED WWTP IPS	SSU	RAIN DATA
09-01-94	1953	6067	8020	0	8020	0	0	0	0	0	0	0.00
09-02-94	658	6015	6673	0	6673	0	0	0	0	0	0	0.00
09-03-94	658	6015	6673	0	6673	0	0	0	0	0	0	0.00
09-04-94	658	6015	6673	0	6673	0	0	0	0	0	0	0
09-05-94	658	6015	6673	0	6673	0	0	0	0	0	0	0
09-06-94	387	5328	5715	0	5715	0	0	0	0	0	0	0.00
09-07-94	26	5272	5298	0	5298	0	0	0	0	0	0	0.00
09-08-94	1200	6066	7266	0	7266	0	0	0	0	0	0	0.20
09-09-94	434	5430	5864	0	0	0	0	0	0	0	0	0.25
09-10-94	434	5430	5864	0	0	0	0	0	0	0	0	0.00
09-11-94	434	5430	5864	0	0	0	0	0	0	0	0	0.00
09-12-94	1300	6101	7401	0	0	9200	9200	0	0	0	0	0.80
09-13-94	458	1700	2158	0	0	10294	9000	1294	0	0	0	0.00
09-14-94	1958	9567	11525	0	0	10458	9000	1458	0	0	0	0.00
09-15-94	5291	6062	11353	0	0	10520	9000	1520	0	0	0	1.00
09-16-94	1156	5905	7061	0	0	10513	9000	1513	0	0	0	0.10
09-17-94	1156	5905	7061	0	0	0	0	0	0	0	0	1.95
09-18-94	1156	5905	7061	0	0	0	0	0	0	0	0	0.00
09-19-94	7879	4857	12736	0	0	10655	9000	1655	0	0	0	0.90
09-20-94	2124	5720	7844	0	0	10419	9000	1419	0	0	0	0.00
09-21-94	2907	7431	10338	0	0	10453	9000	1453	0	0	0	0.00
09-22-94	1321	4108	5429	0	0	10706	9000	1706	0	0	0	0.00
09-23-94	2199	6629	8828	0	0	10689	9000	1689	0	0	0	0.00
09-24-94	2199	6629	8828	0	0	0	0	0	0	0	0	0.20
09-25-94	2199	6629	8828	0	0	0	0	0	0	0	0	0
09-26-94	1830	5452	7282	0	0	12065	10000	2065	0	0	0	0
09-27-94	1762	5501	7263	0	0	12024	10000	2024	0	0	0	0.30
09-28-94	1768	6278	8046	0	0	12070	10000	2070	0	0	0	1.50
09-29-94	2166	6082	8248	0	0	10610	9000	1610	0	0	0	0.00
09-30-94	2297	5517	7814	0	0	10612	9000	1612	0	0	0	0.00
TOTALS	50626	175061	225687	0	52991	161288	138200	23088	0	0	0	6.80

NOTE: EFFECTIVE 9-1-94 - LIFT STATIONS DIRECT TO PLANT AND CONTAMINATED STORMWATER TO HOLDING POND

MC=MEADOWCREST PLANT
SD=SOUTH DUNNELLON PLANT
BW=BRENTWOOD PLANT
IPS=INTERNATIONAL PROCESSING SERVICE - JACKSONVILLE PLANT
SSU=SOUTHERN STATES UTILITIES - HOMOSASSA PLANT

I N T E R O F F I C E M E M O R A N D U M

Date: 05-Oct-1994 02:17pm EST
From: Chris McGuire TAL
MCGUIRE_C@A1@DER
Dept: Office General Counsel
Tel No: 904/488-9730
SUNCOM:

TO: Richard Tedder TAL (TEDDER_R@A1@DER)

CC: Kim Ford TPA (FORD_K@A1@TPA1)
CC: Chris McGuire TAL (MCGUIRE_C @ A1 @ DER)
CC: Robert Butera TPA (BUTERA_R@A1@TPA1)

Subject: RE: LEACHATE TREATMENT VESSELS<>LEACHATE STORAGE TANKS

Sometimes, late is better than never. Whether it's true or not in this case is a judgment call for you.

I more or less agree with Richard, although I think his suggestions make most sense if you agree that it is necessary to use the existing tanks temporarily until a proper system can be put in place. As far as the rule goes, 62-701.400(6)(a) says that "leachate storage tanks in use on January 6, 1993, are not required to retrofit." In my opinion these tanks were not in use as leachate storage tanks on 1-6-93, and so don't qualify; thus the requirements apply.

I N T E R O F F I C E M E M O R A N D U M

Date: 24-Sep-1994 02:15pm EST
From: Richard Tedder TAL
TEDDER_R@A1@DER
Dept: Waste Management
Tel No: (904) 488-0300
SUNCOM:

TO: Kim Ford TPA (FORD_K@A1@TPA1)

CC: Chris McGuire TAL (MCGUIRE_C @ A1 @ DER)
CC: Robert Butera TPA (BUTERA_R@A1@TPA1)

Subject: RE: LEACHATE TREATMENT VESSELS<>LEACHATE STORAGE TANKS

As you know, our rule is silent on this particular case. It only addresses new or existing leachate storage tanks. These are existing tanks but, I assume, they were not used for leachate storage. Since you referenced Rule 17-701.400(6)c, I also assume the tanks are above ground.

While it can be argued that retrofitting will be required for use of these tanks as temporary or permanent leachate storage tanks, I think it is also acceptable to use the existing tanks without retrofitting if:

1. Citrus County can document that they do not leak or have corrosion or other defects. A written certification to this effect by a PE with supporting documentation would be needed.

2. The tanks are not so large that they will have to be cut apart in order to be moved and then rewelded together. I think this should be treated as new construction an the requirements of Rule 17-701.400(6)c apply.

3. You have no reason to doubt that the County would make a good faith effort to operate the tanks in a responsible way. This is a judgment call that only you can make.

Since the tanks are above ground, they can be visually inspected to determine if they leak which might be something to consider in your decision. If you are worried about leakage through the bottom of the tank, you could take a RCRA C approach and require the tank be placed on top of a grate or other support which would allow for visual inspection of the bottom of the tank as well.

As a final thought, we have to ask ourselves if being generous here would set a bad precedent. We don't want folks to get around our standard for new leachate tanks by always "finding" existing tanks to use. This again is a judgment call. What do you think about discussing this at the SW workshop?

I N T E R O F F I C E M E M O R A N D U M

Date: 21-Sep-1994 01:57pm EST
From: Kim Ford TPA
FORD_K
Dept: Southwest District Offi
Tel No: 813/620-6100
SUNCOM: 542-6100 Ext. 382

TO: Richard Tedder TAL (TEDDER_R @ A1 @ DER)
TO: Chris McGuire TAL (MCGUIRE_C @ A1 @ DER)

CC: Robert Butera TPA (BUTERA_R)

Subject: LEACHATE TREATMENT VESSELS<>LEACHATE STORAGE TANKS

Citrus County has a leachate treatment plant that isn't working very well at this time and would like to use the plant's 3 treatment vessels as leachate storage tanks temporarily, and maybe permanently. These vessels are constructed of steel and have no secondary containment.

1. Are these vessels required to be retrofitted prior to use as temporary or permanent leachate storage tanks to meet the criteria of FAC rule 17-701.400(6)(a) and (c)?

kbf

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

D.E.P.

SEP 19 1994

SOUTHWEST DISTRICT
TAMPA

September 15, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of August, 1994 for the Citrus County Central Landfill. Please note that this is the first full month for which flow meters have been in place to record amounts derived from the 7-acre site underdrains and the active 17-acre cell (listed as 80-acre site).

The flow meter which records leachate generation data from the 7-acre site was reported out of service on August 12. County staff attempted the repairs suggested by the manufacturer on August 14, but were unsuccessful. We will need our contractor to return to the site to place a temporary connection in the leachate line while the meter is returned to the manufacturer for warranty repairs. Meanwhile, we can estimate flow based upon pumping times.

Your letter of August 24 requested clarification of our August 11 leachate management report and other related conditions.

1. The quantity of leachate transferred from the holding pond to the WWTP is much greater than the quantity collected from the 7 Acres and 80 Acre Disposal Units as reported. Why does Citrus County report 30,000 gpd removed from the pond but only 10,000 gpd collected from the disposal units? Is the additional 20,000 gpd difference due to excess leachate impounded in the holding pond, from rain falling directly into the holding pond, unmetered leachate pumped off the top of the active disposal unit, or a combination of more than one source? All leachate collected must be recorded for each collection sump in order to compare actual data with expected leachate generation rates as required by FAC Rule 17-701.500 (8)(f) and (g).

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The table headings which indicate leachate lift station amounts show the gallons pumped each day from the two separate leachate collection systems. These are the 7-acre closed site, which has two lift stations pumping through a single flow meter and the active site located on our 80-acre property which registers on another flow meter. Data are available to estimate volume by using pump operation time versus pump curves if the flow meters are out of service. During the time in question, all leachate, whether from the underdrain lift stations or from the sump on the working surface, was pumped to the holding pond. The amount of leachate delivered to the pond from the sump in the working area is not metered. Rainfall or runoff directly added to the pond is also not metered, however this can be estimated at 22,000 gallons per inch of rainfall. The volume of leachate mix which is pumped to the treatment plant is shown as the total influent.

Using the August values as an example, 250,934 gallons were derived from the underdrain lift stations, 160,600 gallons were derived from direct rainfall and 268,500 gallons were derived the surface sump and the change in storage in the pond from beginning to end of month. During the month of August, the amount held in storage in the pond decreased, however we do not have a calibration on this amount.

2. **Plans show that the active disposal unit includes 17 acres measured at the top along the anchor trench and north berm. Please identify the number of acres open and the number of acres having intermediate cover. Intermediately covered areas are those that have 18 inches of cover soil with erosion control, and are sloped to drain outside the lined disposal unit. Please include these values with each monthly report.**

The area within the approximately 17-acre lined disposal unit which was open (having only daily cover and/or additional areas draining to the working area sump, i.e contributing to surface leachate) as of August 1 was 7 acres. The area which was covered (open liner, or waste-filled areas having 18 inches of soil cover and draining to the stormwater system as of August 1 was 10 acres. By September 1, these areas were 5 acres "open" and 12 acres "closed".

3. **The existing holding pond does not comply with the surface impoundment design criteria in FAC Rule 17-701.400(6). This pond shall be replaced or modified by January 6, 1995. Please provide a schedule of activities necessary for compliance to verify that Citrus County's leachate holding pond will not be in violation of DEP rules on January 6, 1995.**

The existing holding pond is intended to be replaced to meet the requirement of the rule. We expect to submit a design for the replacement facility as a permit modification request at the end of October. If we assume that DEP review and approval can be completed within two months, we will be prepared to bid the construction work at the end of December 1994. The procurement process can be completed within about 8 to 10 weeks. Therefore we will be prepared to start construction in February or early March. We expect construction to take about 2 to 3 months with completion then in May or June.

At present we are using the holding pond for surface leachate only. After analysis of this material and approval to treat it at our onsite plant, we intend to use the facility in that format until the end of December. At that time, we expect to abandon the pond. We will empty it of all fluids and sludge, remove the liner and dispose of it in the active landfill. If at any time analysis of the surface leachate indicates that it meets standards without treatment we will request permission to dispose of it onsite in the stormwater system.

Review of the rule 17-701.400(6)(a) indicates that above ground leachate storage tanks which are in use as of January 1993 are not required to retrofit unless leakage, corrosion or defects are found. The tanks that comprise the leachate treatment plant fit this category. Currently, reactor #1 is being used for storage of leachate from the underdrains until it can be transported offsite in tanker trucks for treatment. During the time between abandonment of the holding pond and completion of the replacement holding facility, we intend to empty reactor #2 at the leachate treatment plant and use it for temporary storage of the surface leachate. This material will then be removed by tanker truck to an offsite treatment facility. The holding capacity of the tank is in excess of 35,000 gallons. We expect that the offsite facility will be a County-owned wastewater treatment plant, other wastewater plant located within the county or an industrial wastewater plant in Jacksonville. As alternates, the two leachate streams can be mixed prior to storage or prior to removal from the site. Reactor #3 will be out of service for part of this time as it is modified to become an anoxic reactor. However it can serve as an emergency leachate holding facility during some parts of the modification process. If repairs to the onsite ZIMPRO treatment plant are completed before the holding facility is completed, we will begin treatment here instead of offsite.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION TOTAL	80 ACRE SITE LIFT STATION TOTAL	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
08-01-94	1528	7421	8949	30000	30000	0
08-02-94	1500	6250	7750	30000	30000	0
08-03-94	1348	7225	8573	30000	30000	0
08-04-94	1127	7252	8379	30000	30000	0
08-05-94	1210	5261	6471	30000	30000	1.0
08-06-94	1046	6476	7522	30000	30000	0.5
08-07-94	2169	7322	9491	0	0	0
08-08-94	2049	4925	6974	0	0	1.95
08-09-94	3128	6174	9302	30000	30000	0.10
08-10-94	2286	403	2689	30000	30000	0
08-11-94	1736	5	1744	30000	30000	0.30
08-12-94	2201	16365	18566	30000	30000	0.50
08-13-94	2191	7275	9466	30000	30000	0.1
08-14-94	0	0	0	30000	30000	0
08-15-94	0	12554	12554	30000	30000	0.20
08-16-94	4120	6912	11032	30000	30000	1.1
08-17-94	2196	6314	8510	30000	30000	0.15
08-18-94	1089	4035	5124	30000	30000	0
08-19-94	2667	7683	10350	30000	30000	0
08-20-94	0	0	0	30000	30000	0
08-21-94	4054	13819	17873	20000	20000	0
08-22-94	2453	7303	9756	0	0	0.6
08-23-94	1854	5071	6925	0	0	0.2
08-24-94	0	0	0	30000	30000	0
08-25-94	3145	11609	14754	30000	30000	0.2
08-26-94	6086	18931	25017	0	0	0
08-27-94	0	0	0	0	0	0
08-28-94	0	0	0	0	0	0
08-29-94	2202	6196	8398	30000	30000	0
08-30-94	1914	5751	7665	20000	20000	0.5
08-31-94	1510	5590	7100	10000	10000	0.1
TOTALS	56809	194122	250934	680000	680000	7.3

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

August 24, 1994

Ms. Susan Metcalfe, P.G.
Solid Waste Management
Citrus County
PO Box 440
Lecanto, FL 34460-0440

Re: Leachate Management Reports, Citrus County Landfill
Permit No.: SO09-187229

Dear Ms. Metcalfe:

DEP has reviewed the leachate generation data submitted with your August 11, 1994 letter and requests Citrus County provide an explanation for the following concerns:

1. The quantity of leachate transferred from the holding pond to the WWTP is much greater than the quantity collected from the 7 Acres and 80 Acre Disposal Units as reported. Why does Citrus County report 30,000 gpd removed from the pond but only 10,000 gpd collected from the disposal units? Is the additional 20,000 gpd difference due to excess leachate impounded in the holding pond, from rain falling directly into the holding pond, unmetered leachate pumped off the top of the active disposal unit, or a combination of more than one source? All leachate collected must be recorded for each collection sump in order to compare actual data with expected leachate generation rates as required by FAC Rule 17-701.500(8)(f) and (g).

2. Plans show that the active disposal unit includes 17 acres measured at the top along the anchor trench and north berm. Please identify the number of acres open and the number of acres having intermediate cover. Intermediately covered areas are those that have 18 inches of cover soil with erosion control, and are sloped to drain outside the lined disposal unit. Please include these values with each monthly report.

3. The existing holding pond does not comply with the surface impoundment design criteria in FAC Rule 17-701.400(6). This pond shall be replaced or modified by January 6, 1995. Please provide a schedule of activities necessary for compliance to verify that Citrus County's leachate holding pond will not be in violation of DEP rules on January 6, 1995.

Your response to this letter is requested by September 15, 1994. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: Gary Kuhl, P.E., Citrus County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

D.E.P.
AUG 1 2 1994
SOUTHWEST DISTRICT
TAMPA

August 11, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of July, 1994 for the Citrus County Central Landfill. Also enclosed is a corrrected report for the month of June, 1994, for your records.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
07-01-94	1188	1980	9000	0	12168	0	0	0.15
07-02-94	990	1188	6840	0	9018	0	0	0
07-03-94	594	1188	5400	0	7182	0	0	0
07-04-94	990	1386	622	0	8856	10000	10000	0
07-05-94	792	1980	9000	0	11772	20000	20000	0
07-06-94	990	1584	9000	0	11574	20000	20000	0
07-07-94	792	1386	10440	0	12618	20000	20000	0.5
07-08-94	990	990	10800	0	12780	0	0	0
07-09-94	792	1584	4320	0	6696	0	0	0.5
07-10-94	792	1386	4680	0	6858	10000	10000	0
07-11-94	1188	2970	6120	0	10278	20000	20000	1.0
07-12-94	792	1386	7920	0	10098	20000	20000	0.8
07-13-94	1188	1980	7200	0	10368	20000	20000	0.1
07-14-94	990	2970	6480	0	10440	20000	20000	0
07-15-94	1188	1584	8640	0	11412	0	0	0
07-16-94	792	792	5400	0	6984	0	0	0
07-17-94	1188	990	8280	0	10458	20000	20000	0
07-18-94	990	2574	9720	0	13284	20000	20000	2.5
07-19-94	594	990	5040	0	6624	20000	20000	1.3
07-20-94	792	1584	8280	0	10656	30000	30000	0
07-21-94	792	1584	8280	0	10656	20000	20000	1.85
07-22-94	792	1584	6480	0	8856	30000	30000	0
07-23-94	792	1584	6480	0	8856	30000	30000	0
07-24-95	792	1584	6480	0	8856	30000	30000	0
07-25-94	792	1584	17280	0	19656	30000	30000	0.9
07-26-94	990	1584	6120	0	8694	30000	30000	0
07-27-94	990	1584	6120	0	8694	30000	30000	0
07-28-94	990	1584	6120	0	8694	30000	30000	0.15
07-29-94	990	1584	6120	0	8694	30000	30000	0.1
07-30-94	990	1584	6120	0	8694	30000	30000	0.3
07-31-94	990	1584	6120	0	8694	30000	30000	0
TOTALS	28512	49896	224902	0	309168	570000	570000	10.75

NOTE: LIFT STATION TO HOLDING POND - POND TO PLANT

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
06-01-94	1188	0	10440	0	11628	0	11628	0
06-02-94	594	0	6840	0	7434	0	7434	0
06-03-94	792	0	11520	0	12312	0	12312	0
06-04-94	792	0	8280	0	9072	0	9072	0.6
06-05-94	990	0	8640	0	9630	0	9630	0
06-06-94	792	0	7920	0	8712	0	8712	1.2
06-07-94	990	0	10440	0	11430	0	11430	0.5
06-08-94	1188	0	10800	0	11988	0	11988	2.4
06-09-94	792	0	8280	0	9072	0	9072	0
06-10-94	792	0	10800	0	11592	0	11592	0.2
06-11-94	0	0	0	0	0	20000	20000	0.5
06-12-94	792	0	11880	0	12672	15000	27672	0
06-13-94	0	0	0	0	0	0	0	0
06-14-94	0	0	0	0	0	20000	20000	0
06-15-94	0	0	11520	0	11520	20000	31520	1.7
06-16-94	1782	0	10800	0	12582	20000	32582	1.2
06-17-94	1188	0	13680	0	14868	0	14868	0.5
06-18-94	792	8118	8280	0	17190	0	17190	0.1
06-19-94	990	7920	12960	0	21870	15000	36870	0
06-20-94	1188	3960	12600	0	17748	15000	32748	0.8
06-21-94	990	3366	9000	0	13356	20000	33356	0
06-22-94	594	2376	6480	0	9450	20000	29450	0
06-23-94	1188	1386	12960	0	15534	0	15534	0.1
06-24-94	1386	7524	14400	0	23310	0	23310	0
06-25-94	792	1188	9360	0	11340	0	11340	0.2
06-26-94	990	9306	1188	0	22176	0	22176	0
06-27-94	990	1782	6840	0	9612	20000	29612	0
06-28-94	792	1584	7560	0	9936	20000	20000	0
06-29-94	1188	0	6840	0	8028	20000	20000	2.25
06-30-94	990	2376	8028	0	11394	0	0	0
TOTALS	25542	50886	258336	0	345456	225000	541098	12.25

NOTE: EFF. 6-28-94 - LIFT STATIONS TO POND - POND TO PLANT

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
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D.E.P.
JUL 05 1994
SOUTHWEST DISTRICT
TAMPA

June 26, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of May, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
05-01-94	0	0	0	5147	5147	0	5147	0
05-02-94	792	432	0	5147	6371	0	6371	0
05-03-94	1584	1296	5147	5147	13174	0	13174	0
05-04-94	1584	1296	5147	0	8027	0	8027	0.4
05-05-94	1188	756	5147	0	7091	0	7091	0
05-06-94	1584	972	5147	0	7703	0	7703	0
05-07-94	990	756	5147	0	6893	0	6893	0
04-08-94	0	0	5147	0	5147	0	5147	0
05-09-94	2722	864	5147	5147	13880	0	13880	0
05-10-94	792	0	5147	0	5939	0	5939	0
05-11-94	2574	0	5147	5147	12868	0	12868	0.5
05-12-94	1584	0	5147	0	6731	0	6731	0
05-13-94	1188	0	5147	0	6335	0	6335	0
05-14-94	990	0	5147	0	6137	0	6137	0
05-15-94	1188	0	5147	0	6335	0	6335	0
05-16-94	990	0	5147	0	6137	0	6137	0
05-17-94	990	0	5147	0	6137	0	6137	0
05-18-94	1188	0	5147	0	6335	0	6335	0
05-19-94	1584	0	5147	0	6731	0	6731	0
05-20-94	792	0	5147	0	5939	0	5939	0
05-21-94	790	0	5147	0	5937	0	5937	0
05-22-94	990	0	5147	0	6137	0	6137	0
05-23-94	792	0	5147	0	5939	0	5939	0
05-24-94	940	0	5147	0	6087	0	6087	0
05-25-94	792	0	5147	0	5939	0	5939	0
05-26-94	990	0	5147	0	6137	0	6137	0
05-27-94	792	0	5147	0	5939	0	5939	0
05-28-94	792	0	5147	0	5939	0	5939	0
05-29-94	990	0	5147	0	6137	0	6137	0
05-30-94	792	0	5147	0	5939	0	5939	3.15
05-31-94	792	0	5147	0	5939	0	5939	0
TOTALS	33756	6372	149263	25735	215126	0	215126	4.05

TEMPORARY LEACHATE
PUMP STATION

STORMW
PUMP

SLOPE
>1%

SLOPE
>1%

2'-0" COMPACTED
VEGETATED COVER

N 8,000

N 8,500

Also Revised Phase 1C
Signed 3/94
Mike Moore

Plans
Sept 1988
Sheet 9/26
PBSJ

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

RECEIVED
JUL 18 1994
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

July 13, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of June, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
06-01-94	1188	0	10440	0	11628	0	11628	0
06-02-94	594	0	6840	0	7434	0	7434	0
06-03-94	792	0	11520	0	12312	0	12312	0
06-04-94	792	0	8280	0	9072	0	9072	0.6
06-05-94	990	0	8640	0	9630	0	9630	0
06-06-94	792	0	7920	0	8712	0	8712	1.2
06-07-94	990	0	10440	0	11430	0	11430	0.5
06-08-94	1188	0	10800	0	11988	0	11988	2.4
06-09-94	792	0	8280	0	9072	0	9072	0
06-10-94	792	0	10800	0	11592	0	11592	0.2
06-11-94	0	0	0	0	0	20000	20000	0.5
06-12-94	792	0	11880	0	12672	15000	27672	0
06-13-94	0	0	0	0	0	0	0	0
06-14-94	0	0	0	0	0	20000	20000	0
06-15-94	0	0	11520	0	11520	20000	31520	1.7
06-16-94	1782	0	10800	0	12582	20000	32582	1.2
06-17-94	1188	0	13680	0	14868	0	14868	0.5
06-18-94	792	8118	8280	0	17190	0	17190	0.1
06-19-94	990	7920	12960	0	21870	15000	36870	0
06-20-94	1188	3960	12600	0	17748	15000	32748	0.8
06-21-94	990	3366	9000	0	13356	20000	33356	0
06-22-94	594	2376	6480	0	9450	20000	29450	0
06-23-94	1188	1386	12960	0	15534	0	15534	0.1
06-24-94	1386	7524	14400	0	23310	0	23310	0
06-25-94	792	1188	9360	0	11340	0	11340	0.2
06-26-94	990	9306	11880	0	22176	0	22176	0
06-27-94	990	1782	6840	0	9612	20000	29612	0
06-28-94	792	1584	7560	0	9936	20000	29936	0
06-29-94	1188	0	6840	0	8028	20000	28028	2.25
06-30-94	990	2376	8028	0	11394	0	11394	0
TOTALS	25542	50886	269028	0	345456	225000	570456	12.25

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
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Lecanto, Florida 34460-0340
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RECEIVED
JUN 13 1994
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

June 9, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

In response to your letter dated May 11, 1994 regarding leachate quantity reports; In general, the facility presently does not have an accurate method of flow measurement. All flows have been estimated by calculating flow from either manufacturer's pump specifications or draw down test.

In response to specific concerns, please find the following:

1. **The data submitted shows that the quantities of leachate removed from the active disposal unit varies significantly from month to month but not in response to rainfall. What is the reason for these differences?**

   There is no explanation for this.

2. **The pumps used for the removal of leachate from the active disposal unit appear to operate only in response to a preset maximum daily flow? How is this flow determined and is it sufficient to maintain less than one foot of head over the liner as required by DEP rules? Are these pumps designed to operate in response to the available WWTP capacity?**

   The pumps do <u>not</u> run on a preset maximum daily flow. The pumps are activated by floats positioned in the wet-well to maintain a less than one foot maximum head in each station. The pumps are <u>not</u> designed to operate to available leachate treatment plant capacity, but rather the opposite. There is more than adequate capacity at the treatment facility to treat the flows generated at the lift stations.

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3. **DEP records show that closed lined landfill areas generate less than 200 gpd/acre. Why does the closed 7-Acre disposal unit continue to generate from 300 to 500 gpd/acre?**

   Historically the 7-acre disposal site has always generated flows greater than 200 gpd. The flows reported are based on pump draw down test.

On March 7, 1994, the float systems which control the leachate levels were totally overhauled. We are sure that these floats are positioned at elevations which maintain leachate levels of less than one foot in each station.

Additionally, we are currently working with the Utilities Division to purchase the necessary replacement valves, checks and factory calibrated flow meters to better monitor and record flows.

If further information or clarification is required, please let me know.

Sincerely,

Susan J Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:CJW(RM):cjw

CC: Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

Florida Department of
Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Virginia B. Wetherell
Secretary

May 11, 1994

Ms. Susan Metcalfe, P.G.
Solid Waste Management
Citrus County
Post Office Box 440
Lecanto, FL 34460-0440

Re: Leachate Management
Citrus County Central Landfill
Permit #SO09-187229

Dear Ms. Metcalfe:

DEP has reviewed the leachate generation data submitted with your May 5, 1994 letter and requests Citrus County provide an explanation for the following concerns:

1. The data submitted shows that the quantities of leachate removed from the active disposal unit varies significantly from month to month but not in response to rainfall. What is the reason for these differences?

2. The pumps used for the removal of leachate from the active disposal unit appear to operate only in response to a preset maximum daily flow? How is this flow determined and is it sufficient to maintain less than one foot of head over the liner as required by DEP rules? Are these pumps designed to operate in response to the available WWTP capacity?

3. DEP records show that closed lined landfill areas generate less than 200 gpd/acre. Why does the closed 7-Acre disposal unit continue to generate from 300 to 500 gpd/acre?

Your response to this letter is requested by June 15, 1994. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim. B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: Gary Kuhl, P.E., Citrus County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

MAY 20 1994

May 16, 1994

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

Enclosed please find daily leachate generation and precipitation data for the Month of April, 1994 for the Citrus County Central Landfill.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
04-01-94	756	972	0	6411	8139	0	8139	0
04-02-94	756	864	0	6411	8031	0	8031	0
04-03-94	864	864	0	6411	8139	0	8139	0
04-04-94	972	1188	0	6411	8571	0	8571	0
04-05-94	756	1080	0	6411	8247	0	8247	0
04-06-94	647	864	0	6411	7923	0	7923	0
04-07-94	864	1080	0	6411	8355	0	8355	0
04-08-94	756	972	0	6411	8139	0	8139	0
04-09-94	648	972	0	6411	8031	0	8031	0
04-10-94	648	972	0	6411	8031	0	8031	0
04-11-94	756	864	0	6411	8031	0	8031	0
04-12-94	756	864	0	6411	8031	0	8031	0
04-13-94	432	756	0	6411	7599	0	7599	0
04-14-94	864	1080	0	6411	8355	0	8355	0
04-15-94	648	972	0	6411	8031	0	8031	0
04-16-94	648	756	0	6411	7815	0	7815	0
04-17-94	648	756	0	6411	7815	0	7815	0
04-18-94	648	756	0	6411	7815	0	7815	0
04-19-94	756	864	0	6411	8031	0	8031	0
04-20-94	648	1188	0	6411	8247	0	8247	0
04-21-94	1296	972	0	6411	8679	0	8679	2.25
04-22-94	648	756	0	6411	7815	0	7815	0.20
04-23-94	756	864	0	6411	8031	0	8031	1.50
04-24-94	756	972	0	6411	8139	0	8139	0
04-25-94	648	756	0	6411	7815	0	7815	0
04-26-94	540	864	0	6411	7815	0	7815	0
04-27-94	756	1080	0	6411	8247	0	8247	0
04-28-94	108	0	0	6411	6519	0	6519	0
04-29-94	0	0	0	6411	6411	0	6411	0
04-30-94	0	0	0	6411	6411	0	6411	0
TOTALS	19979	24948	0	192330	237258	0	237258	3.75

Florida Department of
Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Virginia B. Wetherell
Secretary

May 11, 1994

Ms. Susan Metcalfe, P.G.
Solid Waste Management
Citrus County
Post Office Box 440
Lecanto, FL 34460-0440

Re: Leachate Management
Citrus County Central Landfill
Permit #SO09-187229

Dear Ms. Metcalfe:

DEP has reviewed the leachate generation data submitted with your May 5, 1994 letter and requests Citrus County provide an explanation for the following concerns:

1. The data submitted shows that the quantities of leachate removed from the active disposal unit varies significantly from month to month but not in response to rainfall. What is the reason for these differences?

2. The pumps used for the removal of leachate from the active disposal unit appear to operate only in response to a preset maximum daily flow? How is this flow determined and is it sufficient to maintain less than one foot of head over the liner as required by DEP rules? Are these pumps designed to operate in response to the available WWTP capacity?

3. DEP records show that closed lined landfill areas generate less than 200 gpd/acre. Why does the closed 7-Acre disposal unit continue to generate from 300 to 500 gpd/acre?

Your response to this letter is requested by June 15, 1994. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim. B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: Gary Kuhl, P.E., Citrus County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

CITRUS LF

QUANTITIES COLLECTED

	Active Unit	Closed Unit	TOTAL	
1993 JAN			1,200,000	
FEB			325,000	
MAR			373,000	
APR				
MAY				
JUNE				
July			732,000	(MOR)
AUG			335,000	(MOR)
SEPT	256,000	84,000	340,000	(MOR)
OCT	186,100	82,225	268,325	(3.2)
NOV	69,000	93,910	162,910	(1.7)
DEC	136,400	68,300	204,700	(1.8)
1994 JAN	124,000	84,690	208,690	(11.2)
FEB	56,000	97,400	153,400	(.8)
MAR	220,100	56,550	276,650	(3.1)

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

May 5, 1994

D.E.P.
MAY 09 1994
SOUTHWEST DISTRICT
TAMPA

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

In response to your letter of 3-2-94; please find enclosed daily leachate generation and precipitation data from October 1, 1993 through March 31, 1994.

This information will be forwarded to your office on a monthly basis hereafter.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

CC: Susan Pelz - DEP Tampa Office
Gary Kuhl, P.E., Dir. Dept. of Public Works
Ralph L. Hedgecoth, Dir. Div. of Utilities
Robert Merkel, Operations Supervisor, Div. of Utilities

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CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
03-01-94	648	970	7100	0	8718	0	8718	0.00
03-02-94	432	970	7100	0	8502	0	8502	2.30
03-03-94	600	970	7100	0	8670	0	8670	0.00
03-04-94	600	970	7100	0	8670	0	8670	0.00
03-05-94	600	970	7100	0	8670	0	8670	0.00
03-06-94	648	970	7100	0	8718	0	8718	0.00
03-07-94	2484	970	7100	0	10554	0	10554	0.00
03-08-94	600	970	7100	0	8670	0	8670	0.00
03-09-94	600	970	7100	0	8670	10000	18670	0.00
03-10-94	540	970	7100	0	8610	10000	18610	0.00
03-11-94	600	970	7100	0	8670	0	8670	0.00
03-12-94	600	970	7100	0	8670	0	8670	0.00
03-13-94	648	970	7100	0	8718	0	8718	0.00
03-14-94	324	970	7100	0	8394	0	8394	0.00
03-15-94	540	970	7100	0	8610	0	8610	0.00
03-16-94	1512	970	7100	0	9582	0	9582	0.00
03-17-94	600	970	7100	0	8670	0	8670	0.00
03-18-94	600	970	7100	0	8670	0	8670	0.00
03-19-94	600	970	7100	0	8670	0	8670	0.00
03-20-94	600	970	7100	0	8670	0	8670	0.00
03-21-94	600	970	7100	0	8670	0	8670	0.00
03-22-94	2200	970	7100	0	10270	0	10270	0.00
03-23-94	1404	970	7100	0	9474	0	9474	0.00
03-24-94	864	970	7100	0	8934	0	8934	0.00
03-25-94	1404	970	7100	0	9474	0	9474	0.50
03-26-94	600	970	7100	0	8670	0	8670	0.00
03-27-94	1620	970	7100	0	9690	0	9690	0.00
03-28-94	1080	970	7100	0	9150	0	9150	0.00
03-29-94	648	970	7100	0	8718	0	8718	0.30
03-30-94	600	1188	7100	0	8888	0	8888	0.00
03-31-94	756	1080	7100	0	8936	0	8936	0.00
TOTALS	26152	30398	220100	0	276650	20000	296650	3.10

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
02-01-94	1300	600	2000	0	3900	0	3900	0.00
02-02-94	1300	2000	2000	0	5300	0	5300	0.00
02-03-94	1475	2000	2000	0	5475	10000	15475	0.00
02-04-94	1475	2000	2000	0	5475	5000	10475	0.00
02-05-94	2000	2000	2000	0	6000	0	6000	0.00
02-06-94	1475	2000	2000	0	5475	0	5475	0.00
02-07-94	950	2000	2000	0	4950	20000	24950	0.03
02-08-94	1000	2000	2000	0	5000	30000	35000	0.00
02-09-94	1475	2000	2000	0	5475	30000	35475	0.00
02-10-94	1475	2000	2000	0	5475	0	5475	0.00
02-11-94	1475	2000	2000	0	5475	0	5475	0.00
02-12-94	1475	2000	2000	0	5475	0	5475	0.00
02-13-94	1475	2000	2000	0	5475	10000	15475	0.50
02-14-94	1475	2000	2000	0	5475	20000	25475	0.00
02-15-94	2700	3500	2000	0	8200	20000	28200	0.00
02-16-94	1475	2000	2000	0	5475	0	5475	0.00
02-17-94	1475	2000	2000	0	5475	0	5475	0.00
02-18-94	5000	2000	2000	0	9000	0	9000	0.00
02-19-94	1475	2000	2000	0	5475	0	5475	0.00
02-20-94	1475	2000	2000	0	5475	0	5475	0.00
02-21-94	1475	2000	2000	0	5475	20000	25475	0.00
02-22-94	1475	2000	2000	0	5475	25000	30475	0.00
02-23-94	1475	2000	2000	0	5475	30000	35475	0.00
02-24-94	1475	2000	2000	0	5475	10000	15475	0.30
02-25-94	200	2000	2000	0	4200	0	4200	0.00
02-26-94	100	2000	2000	0	4100	0	4100	0.00
02-27-94	200	2000	2000	0	4200	0	4200	0.00
02-28-94	1475	2000	2000	0	5475	0	5475	0.00
TOTALS	41300	56100	56000	0	153400	230000	383400	0.83

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
01-01-94	1500	1200	4000	0	6700	0	6700	0.00
01-02-94	1500	1200	4000	0	6700	0	6700	0.00
01-03-94	1500	1235	4000	0	6735	25000	31735	2.60
01-04-94	1500	1235	4000	0	6735	30000	36735	0.00
01-05-94	1500	1235	4000	0	6735	0	6735	0.00
01-06-94	1500	2800	4000	0	8300	0	8300	0.00
01-07-94	2400	2800	4000	0	9200	0	9200	0.00
01-08-94	1500	800	4000	0	6300	0	6300	0.10
01-09-94	1500	900	4000	0	6400	0	6400	0.00
01-10-94	1500	800	4000	0	6300	0	6300	0.00
01-11-94	1500	2200	4000	0	7700	15000	22700	0.00
01-12-94	1000	400	4000	0	5400	0	5400	0.00
01-13-94	1500	800	4000	0	6300	0	6300	1.10
01-14-94	1500	700	4000	0	6200	0	6200	0.50
01-15-94	1500	900	4000	0	6400	0	6400	0.00
01-16-94	400	900	4000	0	5300	0	5300	0.00
01-17-94	1100	1100	4000	0	6200	0	6200	0.00
01-18-94	1500	1235	4000	0	6735	15000	21735	1.10
01-19-94	3700	2600	4000	0	10300	0	10300	0.00
01-20-94	1500	400	4000	0	5900	0	5900	0.00
01-21-94	1500	500	4000	0	6000	0	6000	0.00
01-22-94	1500	1235	4000	0	6735	0	6735	0.00
01-23-94	1500	1235	4000	0	6735	0	6735	0.00
01-24-94	2700	1235	4000	0	7935	0	7935	0.00
01-25-94	500	1235	4000	0	5735	0	5735	0.00
01-26-94	700	1235	4000	0	5935	0	5935	0.00
01-27-94	1500	1235	4000	0	6735	0	6735	0.00
01-28-94	1500	1235	4000	0	6735	0	6735	0.50
01-29-94	1300	1235	4000	0	6535	0	6535	0.50
01-30-94	1300	1235	4000	0	6535	0	6535	3.80
01-31-94	1300	1235	4000	0	6535	0	6535	1.00
TOTALS	46400	38290	124000	0	208690	85000	293690	11.20

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
12-01-93	900	1300	4400	0	6600	10000	16600	0.00
12-02-93	900	1300	4400	0	6600	0	6600	0.00
12-03-93	900	1300	4400	0	6600	0	6600	0.00
12-04-93	900	1300	4400	0	6600	0	6600	0.00
12-05-93	900	1300	4400	0	6600	0	6600	0.00
12-06-93	1900	1900	4400	0	8200	0	8200	0.00
12-07-93	3000	2400	4400	0	9800	0	9800	0.00
12-08-93	700	2500	4400	0	7600	0	7600	0.00
12-09-93	200	1700	4400	0	6300	10000	16300	0.00
12-10-93	200	1600	4400	0	6200	0	6200	0.00
12-11-93	900	1100	4400	0	6400	0	6400	0.00
12-12-93	900	1600	4400	0	6900	0	6900	0.00
12-13-93	900	1100	4400	0	6400	0	6400	0.00
12-14-93	1700	1200	4400	0	7300	10000	17300	0.00
12-15-93	200	1200	4400	0	5800	20000	25800	0.01
12-16-93	200	1200	4400	0	5800	0	5800	0.00
12-17-93	200	1300	4400	0	5900	0	5900	0.00
12-18-93	900	1300	4400	0	6600	0	6600	0.00
12-19-93	900	1200	4400	0	6500	0	6500	0.01
12-20-93	900	1200	4400	0	6500	0	6500	1.80
12-21-93	900	1200	4400	0	6500	0	6500	0.00
12-22-93	900	1200	4400	0	6500	0	6500	0.00
12-23-94	900	1200	4400	0	6500	0	6500	0.00
12-24-93	400	1200	4400	0	6000	0	6000	0.00
12-25-93	900	800	4400	0	6100	0	6100	0.00
12-26-93	900	800	4400	0	6100	0	6100	0.00
12-27-93	1000	800	4400	0	6200	0	6200	0.00
12-28-93	1000	1000	4400	0	6400	15000	21400	0.00
12-29-93	1000	1000	4400	0	6400	0	6400	0.00
12-30-93	1000	1000	4400	0	6400	0	6400	0.00
12-31-93	1000	1000	4400	0	6400	0	6400	0.00
TOTALS	28100	40200	136400	0	204700	65000	269700	1.82

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
11-01-93	800	1200	2300	0	4300	0	4300	1.75
11-02-93	1930	1200	2300	0	5430	20000	25430	0.00
11-03-93	900	2400	2300	0	5600	30000	35600	0.00
11-04-93	200	1200	2300	0	3700	20000	23700	0.00
11-05-93	200	1200	2300	0	3700	0	3700	0.00
11-06-93	3000	1200	2300	0	6500	0	6500	0.00
11-07-93	3000	1200	2300	0	6500	0	6500	0.00
11-08-93	3000	1200	2300	0	6500	0	6500	0.00
11-09-93	3000	1200	2300	0	6500	0	6500	0.00
11-10-93	3000	1200	2300	0	6500	0	6500	0.00
11-11-93	3000	1200	2300	0	6500	0	6500	0.00
11-12-93	3000	1200	2300	0	6500	0	6500	0.00
11-13-93	1930	1200	2300	0	5430	0	5430	0.00
11-14-93	1930	1200	2300	0	5430	0	5430	0.00
11-15-93	1930	400	2300	0	4630	0	4630	0.00
11-16-93	1000	1000	2300	0	4300	20000	24300	0.00
11-17-93	1000	1000	2300	0	4300	30000	34300	0.00
11-18-93	1930	1200	2300	0	5430	0	5430	0.00
11-19-93	1930	1200	2300	0	5430	0	5430	0.00
11-20-93	1930	1200	2300	0	5430	0	5430	0.00
11-21-93	1930	1200	2300	0	5430	0	5430	0.00
11-22-93	1930	1200	2300	0	5430	0	5430	0.00
11-23-93	1930	1200	2300	0	5430	0	5430	0.00
11-24-93	1930	1200	2300	0	5430	0	5430	0.00
11-25-93	1930	1200	2300	0	5430	0	5430	0.00
11-26-93	1930	1200	2300	0	5430	0	5430	0.00
11-27-93	1930	1200	2300	0	5430	0	5430	0.00
11-28-93	1930	1200	2300	0	5430	0	5430	0.00
11-29-93	1930	1200	2300	0	5430	0	5430	0.00
11-30-93	1930	1200	2300	0	5430	0	5430	0.00
TOTALS	57910	36000	69000	0	162910	120000	282910	1.75

CITRUS COUNTY CENTRAL LANDFILL - CITRUS COUNTY, FLORIDA

DAILY GALLONS LEACHATE GENERATION AND PRECIPITATION DATA

DATE	7 ACRE CELL LIFT STATION LS #1	LS #2	80 ACRE SITE LIFT STATION #1	#2	TOTAL FROM LIFT STATIONS	HOLDING POND TO PLANT	TOTAL INFLUENT	RAIN DATA
10-01-93	1175	800	4100	21000	27075	15000	42075	0.0
10-02-93	1175	800	4100	21000	27075	0	27075	0.0
10-03-93	1175	900	4100	8000	14175	0	14175	0.0
10-04-93	2200	1000	4100	9000	16300	0	16300	0.0
10-05-93	500	900	4100	0	5500	0	5500	0.0
10-06-93	400	900	4100	0	5400	0	5400	0.2
10-07-93	400	900	4100	0	5400	0	5400	0.0
10-08-93	400	900	4100	0	5400	0	5400	0.0
10-09-93	1175	400	4100	0	5675	0	5675	0.0
10-10-93	800	1300	4100	0	6200	0	6200	0.0
10-11-93	1175	1200	4100	0	6475	0	6475	0.4
10-12-93	900	1300	4100	0	6300	0	6300	0.0
10-13-93	900	700	4100	0	5700	0	5700	0.0
10-14-93	1175	1500	4100	0	6775	0	6775	0.0
10-15-93	1175	1500	4100	0	6775	0	6775	0.0
10-16-93	1175	1500	4100	0	6775	0	6775	0.0
10-17-93	1175	1500	4100	0	6775	0	6775	0.0
10-18-93	1600	3400	4100	0	9100	0	9100	0.6
10-19-93	1900	1400	4100	0	7400	20000	27400	0.0
10-20-93	1700	1300	4100	0	7100	20000	27100	0.0
10-21-93	1175	1500	4100	0	6775	0	6775	0.0
10-22-93	1175	1500	4100	0	6775	0	6775	0.0
10-23-93	1175	7800	4100	0	13075	0	13075	0.0
10-24-93	300	900	4100	0	5300	0	5300	0.0
10-25-93	4200	1000	4100	0	9300	0	9300	0.0
10-26-93	1200	1500	4100	0	6800	0	6800	0.0
10-27-93	1200	1500	4100	0	6800	0	6800	0.0
10-28-93	1175	1500	4100	0	6775	0	6775	0.0
10-29-93	1175	1500	4100	0	6775	0	6775	0.0
10-30-93	200	1500	4100	0	5800	0	5800	2.0
10-31-93	1175	1500	4100	0	6775	0	6775	0.0
TOTALS	36425	45800	127100	59000	268325	55000	323325	3.2

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

March 30, 1994

D.E.P
APR 04 1994
SOUTHWEST DISTRICT
TAMPA

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill
Permit SO09-187229 - Leachate Quantity Reports

Dear Mr. Ford:

In response to your letter of 3-2-94; the landfill maintains daily precipitation records and leachate generation rates. Staff is in the process of preparing a spreadsheet format for this information from 10-1-94 to present. We anticipate this information to be completed within 30 to 45 days.

The quantities of leachate collected or treated for the months of January, 1994 and February, 1994 is 700,000 gallons; quantities of leachate stored or impounded is none; quantities of leachate recirculated is none, and quantities of leachate hauled or piped to a WWTP is none.

The leachate treatment system collects from one closed, lined and capped, 7-acre cell located on the 60-acre site adjacent to the current landfill. Two lift stations pump from that unit directly to the leachate treatment plant. In addition, leachate is collected from the underdrain system in the active Phase 1 area located on our 80-acre site. The phase 1 lined area is approximately 650 feet by 1150 feet, about 17 acres at the top of slope, 475 feet by 800 feet at the base, or about 8.7 acres. With the placement of solid waste, the surface area is less than 13 acres. At any one time, we have two working areas with varying locations, but these areas average less than 3 acres.

If further information or clarification is required, please let me know.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director

SJM:cjw

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Florida Department of
Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

March 2, 1994

Ms. Susan J. Metcalfe
Dir. Div. of Solid Waste Management
Citrus County
P. O. Box 440
Lecanto, FL 34460-0440

Re: Citrus County Central Landfill
Permit No. SO09-187229
Leachate Quantity Reports

Dear Ms. Metcalfe:

FAC Rule 17-701.500(8)(g) requires that "precipitation records shall be maintained and used by the permittee to compare with leachate generation rates". Leachate/water balance data should be kept on a spreadsheet format and provided monthly to this office. Please verify the number of open, intermediate, and closed acres. Please provide daily records from January 1, 1994 for the following:

* Quantities of leachate collected
* Quantities of leachate stored or impounded
* Quantities of leachate recirculated
* Quantities of leachate hauled or piped to a WWTP

This information will be evaluated by the Department. Design or operational changes may be needed to prevent unauthorized discharges or excessive head over lined disposal areas. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: Michael Moore, Citrus County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa
Kathy Anderson, FDEP Tallahassee

DEPARTMENT OF PUBLIC WORKS
DIVISION OF SOLID WASTE MANAGEMENT
230 W. Gulf to Lake Highway • P.O. Box 340
Lecanto, Florida 34460-0340
(904) 746-5000 • FAX (904) 527-1204

September 17, 1993

D.E.R.
SEP 22 1993
SOUTHWEST DISTRICT
TAMPA

Susan J. Pelz
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, FL 33619

Re: Citrus County Central Landfill, Permit SO09-187229
Leachate Management

Dear Ms. Pelz:

Your letter of September 10 requested information on leachate management at the referenced facility. The following clarifications are as we discussed on the telephone. The leachate treatment system collects from one closed, lined and capped, 7-acre cell located on the 60-acre site adjacent to the current landfill. Two lift stations pump from that unit directly to the leachate treatment plant. The 7-acre closed area is correct.

In addition, leachate is collected from the underdrain system in the active Phase 1 area located on our 80-acre site. The Phase 1 lined area is approximately 650 feet by 1150 feet, about 17 acres at the top of slope, 475 feet by 800 feet at the base, or about 8.7 acres. We have solid waste placed to less than half the depth, therefore the surface area is less than 13 acres. At any one time, we have two working areas whose location varies but whose area does not exceed 3 acres. The actual daily working face is smaller, but for leachate/stormwater calculations the area is as described. Therefore the data submitted for January-March 1993 for open and intermediate cover areas are fairly accurate. None of these areas are scheduled for final closure for several years.

The original submittal, copy attached, indicated that 820 gallons of leachate were stored during the January to March time period. This leachate was impounded in the lined pond at the southwest corner of the current 80-acre site. Operating conditions provide that leachate collected in surface sumps (contaminated stormwater) is pumped directly to this lined pond. Leachate from the active cell underdrain can be pumped to the pond or the plant, with the plant being the usual destination. The pond can also be pumped to the plant. The "normal" operating condition for the pond is to be nearly dry.

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Concerning your request for monthly reporting of daily leachate handling data, we will begin with October 1993 to provide this information. Please understand that most of this information is already provided to the wastewater section of your office. However, as we understand it you need a separate submittal. We do not have flow meters on all sections of this system and therefore will have to estimate amounts from elapsed time measurements. Our reports will indicate the basis of measurements.

The leachate management summary you requested is attached. In addition, a copy of the analyses of leachate effluent from the July sampling event is included.

I trust that this information will assist in your research. If you have any other questions, please contact me.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe,
Director

SJM:cms

cc: Gerald O. Clark, Dir. Dept. Public Works
Ralph L. Hedgecoth, Dir. Div. Utilities

CITRUS COUNTY

DEPARTMENT OF TECHNICAL SERVICES

1300 South Lecanto Highway • P.O. Box 440
Lecanto, Florida 34460-0440
(904) 746-2694 • FAX (904) 746-3368

Reply To:

Division of Solid
Waste Management
P.O. Box 440
Lecanto, Fl 34460-0440
(904) 746-5000
Fax (904) 527-1204

April 22, 1993

Mr. Kim Ford, P.E.
Solid Waste Section
Division of Waste Management
3804 Coconut Palm
Tampa, Florida 33619

RE: CITRUS COUNTY CENTRAL LANDFILL - PERMIT NO. SO09-187229
LEACHATE QUANTITY REPORT

Dear Mr. Ford:

In response to your request of March 22, 1993 for leachate quantities, please find the following:

*Quantities of leachate collected - Please see attached Memorandum from Robert G. Merkel, Utilities Operations Supervisor for daily records from January 1, 1993 through April 1, 1993.
*Quantities of leachate stored or impounded - 820 gallons
*Quantities of leachate recirculated - None
*Quantities of leachate hauled or piped to a wastewater treatment plant - None

If further information or clarification is needed, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Dir. Div. of Solid Waste Management

SJM:cjw

CC: James W. Pinkerton, P.E., Dir. Dept. Technical Services
Michael D. Moore, P.E., Engineering Projects Manager
Ralph Hedgecoth, Dir. Div. of Utilities
Robert Butera, FDER Tampa
Steve Morgan, FDER Tampa
Kathy Anderson, FDER Tallahassee

D.E.R.

SEP 22 1993

SOUTHWEST DISTRICT
TAMPA

LEACHATE MANAGEMENT SUMMARY

Landfill Name CITRUS COUNTY CENTRAL LANDFILL

Location 230 WEST GULF TO LAKE HIGHWAY, LECANTO, FL

Phone Number 904/746-5000

Place an "X" in the applicable spaces.

ON-SITE LEACHATE MANAGEMENT METHODS:

Impoundment Only	
Impoundment with Aeration	X
Impoundment with Evaporation - HOLDING POND	X
Irrigation of intermediate areas	
Recirculation	

Pre-treatment or Other (Describe)

ZIMPRO BATCH PLANT. 30,000 GPD CAPACITY WITH DISCHARGE TO PERCOLATION PONDS

OFF-SITE LEACHATE DISPOSAL METHODS:

Wastewater Treatment Plant

County owned, Identify

Non-County owned, Identify

Other (Describe)

TESTING CRITERIA:

Please attach copies of your most recent leachate analysis.

Prepared By: SUSAN J. METCALFE Date: 9-17-93

Florida Department of Environmental Regulation

Southwest District • 3804 Coconut Palm Dr. • Tampa, Florida 33619

Lawton Chiles, Governor 813-744-6100 Virginia Wetherell, Secretary

FAX (local) 744-6090
FAX (SunCom) 542-6090

FAXED 957am

FAX TRANSMITTAL SHEET

9/15/93
Date

TO: Susan Metcalfe

Dept.:

Phone: ~~6088~~ FAX 904-527-1204

FROM: Susan Pelz

Dept.: D.E.R., Tampa Office

Phone: 813-744-6100 or SunCom 542-6100 EXT.

OPERATOR:

Phone: 813-744-6100 or SunCom 542-6100 EXT.

SUBJECT: Example of monthly leachate/rainfall data. Thanks.

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 2

RECEIVED BY:

Phone:

DeSoto County Landfill

April

Evaporation Monitoring Report

Date	LIFT STATION		LEACHATE LAGOON					Precentage Rate of Evaporation	* OTHER
	Meter Reading	Gallons Pumped	Staff Level	Rain Data	Rain Gallons	Gallons Sprayed	Evaporation Gallons		
4/01/93	60.89	0.00	12.40	2.10	28,350.00	181,440.00	0.00	0.00%	14,392.00
4/02/93	60.89	0.00	12.30	0.00	0.00	181,440.00	0.00	0.00%	16,447.20
4/03/93	60.89	0.00	12.25	0.00	0.00	156,672.00	6,222.00	3.97%	0.00
4/04/93	60.89	0.00	12.20	0.00	0.00	156,672.00	6,197.00	3.96%	0.00
4/05/93	60.89	0.00	12.30	1.00	13,500.00	156,672.00	1,061.00	0.69%	0.00
4/06/93	60.89	0.00	12.20	0.00	0.00	181,440.00	8,308.20	4.58%	4,111.80
4/07/93	60.89	0.00	12.15	0.00	0.00	156,672.00	6,172.00	3.94%	0.00
4/08/93	60.89	0.00	12.10	0.00	0.00	156,672.00	6,147.00	3.92%	10,280.00
4/09/93	60.89	0.00	12.05	0.00	0.00	181,440.00	6,122.00	3.37%	0.00
4/10/93	60.89	0.00	12.00	0.00	0.00	181,440.00	6,098.00	3.36%	0.00
4/11/93	60.89	0.00	11.95	0.00	0.00	181,440.00	6,073.00	3.35%	0.00
4/12/93	60.89	0.00	11.90	0.00	0.00	181,440.00	6,048.00	3.33%	0.00
4/13/93	60.89	0.00	11.85	0.00	0.00	181,440.00	3,023.00	1.67%	0.00
4/14/93	60.95	1,259.75	11.75	0.00	0.00	181,440.00	12,121.95	6.68%	4,111.80
4/15/93	60.95	0.00	11.70	0.00	0.00	156,672.00	1,836.20	1.17%	4,111.80
4/16/93	60.95	0.00	12.15	2.00	27,000.00	156,672.00	0.00	0.00%	0.00
4/17/93	60.95	0.00	12.10	0.00	0.00	181,440.00	6,147.00	3.39%	0.00
4/18/93	60.95	0.00	12.00	0.00	0.00	181,440.00	12,220.00	6.74%	0.00
4/19/93	60.95	0.00	11.90	0.00	0.00	181,440.00	12,121.00	6.68%	0.00
4/20/93	60.95	0.00	11.85	0.00	0.00	181,440.00	6,023.00	3.32%	0.00
4/21/93	60.95	0.00	11.85	0.00	0.00	181,440.00	0.00	0.00%	4,111.80
4/22/93	60.95	0.00	11.85	0.00	0.00	181,440.00	0.00	0.00%	0.00
4/23/93	60.95	0.00	11.80	0.00	0.00	181,440.00	6,999.00	3.31%	0.00
4/24/93	60.95	0.00	11.80	0.00	0.00	181,440.00	0.00	0.00%	0.00
4/25/93	60.95	0.00	11.75	0.00	0.00	181,440.00	5,975.00	3.29%	0.00
4/26/93	60.95	0.00	11.70	0.00	0.00	156,672.00	5,950.00	3.80%	0.00
4/27/93	60.95	0.00	11.65	0.00	0.00	156,672.00	5,925.00	3.78%	0.00
4/28/93	60.95	0.00	11.60	0.00	0.00	156,672.00	5,901.00	3.77%	0.00
4/29/93	60.95	0.00	11.60	0.00	0.00	181,440.00	7,983.36	4.40%	0.00
4/30/93	60.95	0.00	11.55	0.00	0.00	181,440.00	7,076.16	3.90%	0.00
Totals		1,259.75		5.10	68,850.00	5,195,520.00	156,771.87	3.01%	57,568.40

Attention Kim Ford

Transmit Confirmation Report

No.	:	003
Receiver	:	89045271204
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Sep 15 93 9:55
Time	:	02'13
Mode	:	Fine
Pages	:	02
Result	:	OK

SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 9/15/93 Subject Citrus Co - leachate letter

Time _____ Permit No. _____

County Citrus

M Susan Metcalfe Telephone No. _____

Representing _____ FAX 904-527-1204

[X] Phone Me [ ] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

941am - 7½ acres of lined active area } 15 acres total active area
- 2 acres of lined open active area
- 7 acres of lined closed area

- don't have 11 acres of intermediate 5½ acres are ~~intermediate~~ inactive but have been reconstructed to not create leachate, they only have stormwater runoff

- leachate amount may be high for the 90-day period studied (Jan, Feb, Mar 1993) because of a 100-yr storm in October 1992.

- I will fax a copy of format for rain/leachate monthly data.

(continue on another sheet, if necessary)

Signature _____

Title EI

441 AM
Susan Metcalf 9/15

ac high
open - active AC
7½ ac lined active
7 ac closed lined
NOT 11 AC intermediate
15 ac total

Bad storm in Oct 3 1992
could contribute to high
leachate in Jan, Feb., Mar
~~2000~~
280,000 max capacity in impoundment
pumping capacity -

- impoundment is temp. storage (1 wk - 2 wks typ)
- should be pumped dry ea. mo.

- pump run times - can est. how much pumped

FAX 904-527-1204

- send info to me monthly, in addition to reports that utilities do for DEP WW section

Florida Department of
Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Virginia B. Wetherell
Secretary

September 10, 1993

Susan J. Metcalfe
Dir. Div. of Solid Waste Management
Citrus County
P.O. Box 440
Lecanto, FL 34460-0440

RE: Citrus County Central Landfill, Permit No. SO09-187229
Leachate Management

Dear Ms. Metcalfe:

Attached you will find a summary of the information received on leachate management (FDEP request of March 1993) in the Southwest District for a ninety day period in 1993. Evaluation of this information has raised the following concerns:

1. The number of active or open landfill acres appear high and the number of acres ready for final closure, but not closed, appear low. Please verify the number of open, intermediate, and closed acres.

2. The amount of leachate impounded was not provided.

Citrus County is requested to provide complete daily leachate balance data in a summary format for each month for the Citrus County Central Landfill. Additionally, in an effort to develop a database of leachate management and testing practices in the District, the Department requests the attached Leachate Management Summary Form be completed.

The Department requests that all information be provided to the Solid Waste Section, FDEP, Tampa office within fifteen (15) days of this notice. If you have any questions, you may contact me at (813) 744-6100 ext. 386, or Kim Ford at ext. 382.

Sincerely,

Susan J. Pelz
Solid Waste Section
Division of Waste Management

Attachments
cc: Michael Moore, Citrus County
Bob Butera, FDEP Tampa
Kim Ford, FDEP Tampa
Steve Morgan, FDEP Tampa
Kathy Anderson, FDEP Tallahassee

LEACHATE MANAGEMENT IN S.W. DISTRICT

for 90 days in 1993 (rainfall amount varies, 6-13 inches)

Facility	Open Acres	Interm. Acres	Closed Acres	Leachate gal/acre/day	Collected	Impounded	Recirculated	T.P.	Evap.	Irrigation
Levy	4	3		773	487,530	•			•	367,900
Citrus	3	11	7	1506	1,898,000	•		1,898,000		
Sumter, compost				insufficient data (impoundment and recirculation)						
Hern. N.W.	4			787	283,500			283,500		
Hern. Croom			5	199	89,750			89,750		
E. Pasco	14		42	157	792,000			792,000		
W. Pasco	7			371	234,000			234,000		
Polk NC	20	26		69	287,800	•	262,800	25,000	5,256	
Polk SE	8	10		843	1,366,000	•	1,206,000	160,000	24,120	
Polk NE	4	10		404	509,800	•	349,800	160,000	6,996	
Hills. SE	80	84	18	165	2,708,789		604,000	2,104,789	12,080	
DJJ	9	7			•	2,050,000	1,697,100		33,942	
Bridgeway Acres				insufficient data (evaporation in cooling towers)						
Toytown			215	201	3,900,000	•		3,900,000		
126th Ave.	12			insufficient data (impoundment in landfill)						
Manatee	5	212		274	5,352,000	7,780,000		32,049,000		
Hardee	10	3		insufficient data (irrigation sprayfield)						
Desoto	3	5		1336	961,606	584,000	717,563	647,288	345,654	
Sarasota	71	49	100	545	32,621,400	87,000,000	8,780,000		175,600	

Collected : pump hours x pump capacity

Impounded : average amount impounded

Recirculated : all amounts distibuted inside lined cells

T.P. : amount hauled or piped to treatment plant

Evap. : evaporation @ 2% of amount recirculated unless other specific information is provided

Irrigation : spray irrigation outside lined cells

• : applicable information not provided

LEACHATE MANAGEMENT SUMMARY

Landfill Name _____

Location _____

Phone Number _____

Place an "X" in the applicable spaces.

ON-SITE LEACHATE MANAGEMENT METHODS:

Impoundment Only _____

Impoundment with Aeration _____

Impoundment with Evaporation _____

Irrigation of intermediate areas _____

Recirculation _____

Pre-treatment or Other (Describe)

_____

_____

_____

OFF-SITE LEACHATE DISPOSAL METHODS:

Wastewater Treatment Plant

County owned, Identify _____

Non-County owned, Identify _____

Other (Describe)

_____

_____

_____

TESTING CRITERIA:

Please attach copies of your most recent leachate analysis.

Prepared By: _____ Date: _____

CITRUS COUNTY

DEPARTMENT OF TECHNICAL SERVICES

1300 South Lecanto Highway • P.O. Box 440
Lecanto, Florida 34460-0440
(904) 746-2694 • FAX (904) 746-3368

D.E.R.

APR 26 1993

SOUTHWEST DISTRICT
TAMPA

Reply To:

Division of Solid
Waste Management
P.O. Box 440
Lecanto, Fl 34460-0440
(904) 746-5000
Fax (904) 527-1204

April 22, 1993

Mr. Kim Ford, P.E.
Solid Waste Section
Division of Waste Management
3804 Coconut Palm
Tampa, Florida 33619

RE: CITRUS COUNTY CENTRAL LANDFILL - PERMIT NO. SO09-187229
LEACHATE QUANTITY REPORT

Dear Mr. Ford:

In response to your request of March 22, 1993 for leachate quantities, please find the following:

*Quantities of leachate collected - Please see attached Memorandum from Robert G. Merkel, Utilities Operations Supervisor for daily records from January 1, 1993 through April 1, 1993.
*Quantities of leachate stored or impounded - 820 gallons
*Quantities of leachate recirculated - None
*Quantities of leachate hauled or piped to a wastewater treatment plant - None

If further information or clarification is needed, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Dir. Div. of Solid Waste Management

SJM:cjw

CC: James W. Pinkerton, P.E., Dir. Dept. Technical Services
Michael D. Moore, P.E., Engineering Projects Manager
Ralph Hedgecoth, Dir. Div. of Utilities
Robert Butera, FDER Tampa
Steve Morgan, FDER Tampa
Kathy Anderson, FDER Tallahassee

CITRUS COUNTY

DEPARTMENT OF TECHNICAL SERVICES

1300 South Lecanto Highway • P.O. Box 440
Lecanto, Florida 34460-0440
(904) 746-2694 • FAX (904) 746-3368

Reply To:

D.E.R.

APR 26 1993

SOUTHWEST DISTRICT
TAMPA

MEMORANDUM

DATE: April 5, 1993

TO: Mike Moore
Acting Director of Solid Waste Management

THRU: Ralph Hedgecoth
Director of Utilities Division

FROM: Robert G. Merkel
Utilities Operations Supervisor

SUBJECT: **LEACHATE PLANT FLOWS**

As per your request, attached are the daily flows, totals and daily averages for the PACT Leachate Plant from 1/1/93 to 4/1/93.

RGM:RH:ckn

Attachment

cc: Cathy Winters, Tech. III

APR - 7 1993

LEACHATE PLANT FLOWS (IN MGD)
1993

R	JAN.	FEB.	MARCH.				
*1	.040	.010	—				
2	.030	.010	—				
3	.040	.010	—				
4	.020	.010	.010				
5	.010	.010	.020				
6	.060	.010	.010				
7	.060	.010	.010				
8	.050	.010	.010				
9	.060	.010	—				
10	.030	.020	—				
11	.030	.010	.010				
12	.060	.010	.020				
13	.060	.010	—				
14	.060	.010	—				
15	.060	.010	.020				
16	.060	.010	.020				
17	.010	.010	—				
18	.030	.010	.020				
19	.060	.020	.030				
20	.060	.030	.020				
21	.060	.010	—				
22	.060	.020	.020				
*23	.050	.010	.014				
24	.020	.015	.029				
25	.020	—	.030				
26	.020	0.010	.020				
27	.020	.010	—				
28	.020	—	.010				
29	.020		.010				
30	.010		.020				
31	.010		.020				
TOT.	1.200	0.325	.373				
AVG.	0.039	0.012	0.012				

*- HIGH FLOWS DUE TO TREATING INFLUENT COLLECTED FROM STORM 1-1-93 THRU 1-23-93