



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

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October 13, 2006

Mr. John Morris
Florida Department of Environmental Protection
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926

**RE: WEEKLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL
LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-008-SO/01**

Dear Mr. Morris:

Enclosed please find the quarterly leachate quality monitoring results, together with the Operator's reports for the months of July, August and September 2006:

- 1) **Weekly effluent analytical results:** As I indicated in e-mails dated 9/13 and 9/27/06, we had periods of noncompliance with the permit nitrate limit periodically during the month. As a result, 114,209 gallons of treated leachate was re-circulated to the storage tanks rather than discharging to the percolation ponds. This included batches from 9/6 and 9/9 through 9/13, as well as 9/19 and 9/24 through 9/27. According to Permit Condition E.9.b.2, Department approval to restart discharge is not required unless two consecutive weeks of testing show non-compliance for the same parameter. The decision to restart onsite discharge was made based on internal process control testing, rather than reports from an outside lab, which take about a week to receive. Additionally, on two of the scheduled lab sampling days, internal testing indicated that the results would not be compliant, so recirculation was continued and no sample was taken. In conclusion, each treated batch, beginning on 9/6 and continuing through the end of the month, was held in SBR #4 and tested for nitrate concentration in-house prior to making a decision on whether to re-circulate or discharge. The underlying problem with the programmable logic controller that allowed extended aeration times in the second stage anoxic tank has been corrected.
- 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

Susan J. Metcalfe
Director, Division of
Solid Waste Management

CC: Glenn W. McCracken, Director, Department of Public Works (w/xls sheet)
Susan Pelz, Florida 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		
DATE	CBOD < 5 day	MG/L <	NITRATE MG/L <	SUSPENDED SOLIDS	MG/L
7/5/06	Plant off line for telemetry installation - no sample				
7/12/06	Plant off line for telemetry installation - no sample				
7/19/06	4.88		0.13	<	1.0
7/26/06	1.77		0.77	<	1.0
8/2/06	2.5		0.33		6.5
8/9/06	1.16		3.3		4.5
8/16/06	1.61		2.6	<	1.0
8/23/06	1.55		1.6	<	1.0
8/30/06	1.77		1.6		1.0
9/6/06	1.55		20	<	1.0
9/13/06	No sample -				
9/20/06	1.94		19.7	<	1.0
9/27/06	No sample -				

cjw