

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 TDD Telephone 527-5303

Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

Debt pro

July 3, 2012

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

RE: MONTHLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-018-SO/01

Dear Mr. Morris:

Enclosed please find the quarterly Operator's Reports for the months of April, May and June, 2012.

The monthly analytical reports are now included with the quarterly report submitted by SCS Engineers for the Landfill. The attached summary is included for reference.

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

Sincerely,

T. Casey Stephens Director, Division of

Solid Waste Management

CC: Ken Frink, 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		MAX	IMUM (O	NTAMINA	IT LEV	EL	BY PERMIT	
	Results		20			10			20	
			CBOD						SUSPENDED	
	DATE	<	5 day	MG/L	<	NITRATE	MG/L	<	SOLIDS	MG/L
								-		•
	4/3/12		1.36			3.96		<	1.0	
	5/2/12		1.65			5.7		ļ	1.0	
	6/13/12		1.45			0.68		<u> </u> _	4.0	
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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

WHEN COMPLETED MAIL THIS REPORT TO:

DEPARTMENT OF ENVIRONMENTAL PROTECTION SOUTHWEST DISTRICT

Solid Waste Section, 3805 Coconut Palm Drive Tampa, FL 33619-8218

PERMITTEE NAME: MAILING ADDRESS: Citrus County Board Of County Commissioners

P.O. Box 340

Lecanto, FL 34460

FACILITY: LOCATION:

230 W. Gulf to Lake Hwy

COUNTY:

Central Landfill Leachate Plant

Lecanto, FL 34461 Citrus

PERMIT NUMBER: 21375-008-SO/01 WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 4/1

CLASS SIZE: 1-C

REPORT: Quarterly GROUP: Solid Waste To: 4/30/2012

Please read instructions before completing this form.

Parameter		(Quantity or Loadin	σ _δ		Quality or Conc	entration		No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
Flow, in conduit or thru treatment plant	Sample Measurement	0.006		MGD							
PARM Code 50053	Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MGD						Daily	Metered
CBOD, 5 day 20 degree C	Sample Measurement					1.4		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					1.0		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)	o o delicadoro	mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						4.0	mg/L			
PARM Code 071850	Permit Requirement	TENLS				10.0 (Mo. Avg.)		mg/L		Weekly	Grab
рН	Sample Measurement			11	7.3		8.5	S.U.			
PARM Code 00500	Permit Requirement				6.5 Min.		8.5 Max.	S.U.		Daily	Grab

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

Name/Title of Pricinpa	Executive Officer or Authorized Ag	Signature of Prin	cipal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum	Utility Operator II B/14117	Herald.	Mulm	(352)527-7670	05/02/12

COMMENT AND EXPLANATION OF ANY VIOLATONS (Reference all attatchments here):

A-1

^{*} Rolling Annual Average is the average of the current month's average and the preceding 11 monthly averages.

DAILY SAMPLE RESULTS - PART B

Facility: Central Landfill Leachate Plant

PERMIT NUMBER: 21375-008-SO/01 Three-month Average Daily Flow: 0.007 Month/Year: 4/12 Daily Flow % of Permitted Capacity: 23.33%

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Days of the Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Flow (MGD)	0.011	0.011	0.008	0.006	0.006	0.012	0.006	0.010	0.004	0.004	0.004	0.008	0.010	0.004	0.000	0.012	0.004	0.004	0.005	0.010	0.006	0.007	0.000	0.000	0.012	0.007	0.005	0.009	0.004	0.008
PARM Code 50053	1										Į.					:									"""	0.00	0.000	0.005	0.004	0.000
CBOD5 Effluent (mg/L as O2)	1	1	1.4																				 					_		
PARM Code 80082												1												i						
TSS Effluent (mg/L)			1.0					1																		-				_
PARM Code 900201							1					Ì														İ		l		
Nitrate (as N) (mg/L)			4.0							-																				
PARM Code 071850						ſ]				ŀ		
pH Effuent (standard units) PARM Code 00500	8.2	8.0	8.3	8.1	8.5	8.2	8.4	8.3	8.5	8.5	8.5	8.5	8.4	8.5	8.5	8.2	8.2	8.2	7.8	8.0	8.0	8.0	8.1	7.3	7.8	7.3	8.3	7.9	8.0	7.8
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PLANT STAFFING:

Day Shift Operator Evening Shift Operator Night Shift Operator

Class: B Class: Class:

Class: B

Certificate No.: Certificate No.: Certificate No:

14117

Name: Gerald Nusbaum Name:

Name:

Certificate No.: 13057 Name: Gary Loggins

Lead Operator Type of Effluent Disposal or Reclaimed Water Reuse: Perc. Pond

Limited Wet Weather Discharge Activated:

No:

Yes:

Not applicable: X

* Attatch additional sheets if necessary to list all certified operators.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

WHEN COMPLETED MAIL THIS REPORT TO:

DEPARTMENT OF ENVIRONMENTAL PROTECTION SOUTHWEST DISTRICT

Solid Waste Section, 3805 Coconut Palm Drive Tampa, FL 33619-8218

PERMITTEE NAME:

FACILITY:

COUNTY:

LOCATION:

Citrus County Board Of County Commissioners

MAILING ADDRESS:

P.O. Box 340

Lecanto, FL 34460

PERMIT NUMBER: 21375-008-SO/01

WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 5/1 CLASS SIZE: 1-C

To: 5/31/2012

230 W. Gulf to Lake Hwy

Central Landfill Leachate Plant

Lecanto, FL 34461

Citrus

REPORT: Quarterly

GROUP: Solid Waste

Please read instructions before completing this form.

Parameter			Quantity or Loading	;		Quality or Conc	entration		No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.	Units		1	Type
Flow, in conduit or thru treatment plant	Sample Measurement	0.006		MGD							1 ==2
PARM Code 50053	Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MGD			ngareti Frank			Daily	Metered
CBOD. 5 day 20 degree C	Sample Measurement					1.7		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					1.0		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L	1910:5825 1910:535 353 555	Weekly	Grab
Nitrate (as N)	Sample Measurement						5.7	mg/L			
PARM Code 071850	Permit Requirement	graficanti (seco) Programa Programa				10.0 (Mo. Avg.)		mg/L		Weekly	Grab
рН	Sample Measurement				7.4		8.5	S.U.			
PARM Code 00500	Permit Requirement	18 (# 18 16 1 18 (##) # (#			6.5 Min.		8.5 Max.	S.U.		Daily	Grab

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

Name/Title of Pricinpa	l Executive Officer or Authorized Age	Signature of Principal E	Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum	Utility Operator II B/14117	Devold 1	ulum	(352)527-7670	06/08/12

COMMENT AND EXPLANATION OF ANY VIOLATONS (Reference all attatchments here):

^{*} Rolling Annual Average is the average of the current month's average and the preceding 11 monthly averages.

DAILY SAMPLE RESULTS - PART B

Facility: Central Landfill Leachate Plant

PERMIT NUMBER: 21375-008-SO/01 Month/Year: 5/12

Three-month Average Daily Flow: 0.006 Daily Flow % of Permitted Capacity: 20.00%

Days of the Month 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Flow (MGD) PARM Code 50053 CBODS Effluent (mg/L as O2) PARM Code 900201 Nitrate (as N) (mg/L) PARM Code 071850	(vionin/ y ea	- 3/12																	Dilli	,	D 011 DI	mucu Cap	, a e i e i e i		20.0070	-					=	=	
PARM Code 50053 CBOD5 Effluent (mg/L as O2) PARM Code 80082 TSS Effluent (mg/L) PARM Code 900201 Nitrate (as N) (mg/L) PARM Code 071850 PH Effluent (standard units) 7.7 8.0 7.8 7.6 8.0 7.7 7.4 7.6 7.8 7.7 8.0 7.6 7.5 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				27	28	29	30	31
PARM Code 50053 CBOD5 Effluent (mg/L as O2) PARM Code 80082 TSS Effluent (mg/L) PARM Code 900201 Nitrate (as N) (mg/L) PARM Code 071850 PH Effluent (standard units) PARM Code 07.8 7.7 8.0 7.8 7.6 8.0 7.7 7.4 7.6 7.8 7.7 8.0 7.6 7.5 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9	Flow (MGD)	0.004	0.004	0.005	0.009	0.005	0.008	0.005	0.008	0.006	0.007	0.006	0.000	0.011	0.004	0.006	0.006	0,004	0.007	0.006	0.007	0.004	0.002	0.006	0.007	0.0	005 (0.002	0.006	0.004	0.013	0.004	0.008
CBOD5 Effluent (mg/L as O2) PARM Code 80082 TSS Effluent (mg/L) PARM Code 900201 Nitrate (as N) (mg/L) PARM Code 071850 PH Effluent (standard units) 7.7 8.0 7.8 7.6 8.0 7.7 7.4 7.6 7.8 7.7 8.0 7.6 7.6 7.5 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9						ļ		•				ļ				1													1				
PARM Code 80082 TSS Effuent (mg/L) 1.0 PARM Code 900201 Nitrate (as N) (mg/L) PARM Code 071850 PH Effuent (standard units) 7.7 8.0 7.8 7.7 7.0 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9			1.7																							Ī	1						
PARM Code 900201 Nitrate (as N) (mg/L) 5.7 PARM Code 071850 PH Effuent (standard units) 7.7 8.0 7.8 7.7 7.4 7.6 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9																					l .										<u> </u>		
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PARM Code 071850 pH Effuent (standard units) 7.7 8.0 7.8 7.6 8.0 7.7 7.4 7.6 7.8 7.7 8.0 7.6 7.5 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9	PARM Code 900201												<u>i</u>						ļ														$oxed{oxed}$
pH Effuent (standard units) 7.7 8.0 7.8 7.6 8.0 7.7 7.4 7.6 7.8 7.7 8.0 7.6 7.8 7.7 7.7 8.0 7.8 7.7 7.7 7.8 8.3 8.5 8.1 8.3 7.8 8.1 8.0 7.9 7.6 8.3 7.9 8.2 7.9	Nitrate (as N) (mg/L)		5.7								1		ľ	Į					Į			1									'	1	
	PARM Code 071850														<u> </u>	L					<u> </u>												
PARM Code 00500	pH Effuent (standard units)	7.7	8.0	7.8	7.6	8.0	7.7	7.4	7.6	7.8	7,7	8.0	7.6	7.6	7.5	7.8	7.7	7.7	7.8	8.3	8.5	8.1	8.3	7.8	8.1	8	.0	7.9	7.6	8.3	7.9	8.2	7.9
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PLANT STAFFING:

Day Shift Operator Evening Shift Operator Night Shift Operator

Lead Operator

Type of Effluent Disposal or Reclaimed Water Reuse: Limited Wet Weather Discharge Activated:

Class: B Class:

Class: B

Class:

Certificate No.: Certificate No.: Certificate No.: 14117 Name: Gerald Nusbaum

Name: Name:

Name: Gary Loggins

13057

Perc. Pond Yes: Certificate No.: Not applicable: X

^{*} Attatch additional sheets if necessary to list all certified operators.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

WHEN COMPLETED MAIL THIS REPORT TO:

DEPARTMENT OF ENVIRONMENTAL PROTECTION SOUTHWEST DISTRICT

Solid Waste Section, 3805 Coconut Palm Drive Tampa, FL 33619-8218

PERMITTEE NAME: MAILING ADDRESS:

FACILITY:

COUNTY:

LOCATION:

Citrus County Board Of County Commissioners

P.O. Box 340 Lecanto, FL 34460

WACS FACILTY ID NUMBER: SWD/09/039859 TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

To: 6/30/2012

Central Landfill Leachate Plant 230 W. Gulf to Lake Hwy

Lecanto, FL 34461

Citrus

REPORT: Quarterly **GROUP: Solid Waste**

From: 6/1

PERMIT NUMBER: 21375-008-SO/01

Please read instructions before completing this form.

CLASS SIZE: 1-C

Parameter			Quantity or Loading	Į.		Quality or Conc	entration		No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.	Units	2.4	1111113313	, J.p.c
Flow, in conduit or thru treatment plant	Sample Measurement	0.021		MGD							
PARM Code 50053	Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MGD			orania Lagrania			Daily	Metered
CBOD. 5 day 20 degree C	Sample Measurement					1.5		mg/L	•		
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)	prosentari Sestembra	mg/L	union Pasta	Weekly	Grab
Total Suspended Solids	Sample Measurement					4.0		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						0.7	mg/L			
PARM Code 071850	Permit Requirement			enedalari esti kitik	areania Tamaki	10.0 (Mo. Avg.)		mg/L	a ang pagasa Magazaran	Weekly	Grab
рН	Sample Measurement				7.7		8.5	S.U.			
PARM Code 00500	Permit Requirement	armerga Armanisti			6.5 Min.		8.5 Max.	S.U.		Daily	Grab

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

Name/Title of Pricinpa	l Executive Officer or Authorized Age	Signature of Principal E	xecutive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum	Utility Operator II B/14117	Gerald 1	relian	(352)527-7670	07/02/12

COMMENT AND EXPLANATION OF ANY VIOLATONS (Reference all attatchments here): * Rolling Annual Average is the average of the current month's average and the preceding 11 monthly averages.

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DAILY SAMPLE RESULTS - PART B

Facility: Central Landfill Leachate Plant

PERMIT NUMBER: 21375-008-SO/01 Three-month Average Daily Flow: Month/Year: 6/12 Daily Flow % of Permitted Capacity:

Month/Year																			y Flow 9		nitted Car			36.7%						
Days of the Month	1 ,	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	50	30	70
Days of the Month	'		3	1 *	,	"	ĺ	8	'	10	''	12	'3	14	13	"	1,	'*	19	20	41	22	23	24	23	20	27	28	29	30
Flow (MGD)	0.013	0.008	0.012	0.014	0.013	0.017	0.014	0.018	0.019	0.022	0.019	0.020	0.024	0.023	0.022	0.024	0.023	0.023	0.024	0.023	0.022	0.024	0.026	0.015	0.023	0.027	0.033	0.025	0.025	0.024
PARM Code 50053															<u> </u>									1						
CBOD5 Effluent (mg/L as O2)													1.5		İ	1		ļ												
PARM Code 80082																								<u>i</u>		ļ				
TSS Effluent (mg/L)													4.0										1			1				
PARM Code 900201								<u> </u>		1							ļ									<u> </u>				
Nitrate (as N) (mg/L)						!			ļ	ł			0.7				į		1											
PARM Code 071850			<u> </u>																							i				
pH Effuent (standard units)	8.4	8.2	8.4	8.1	8.3	8.3	8.3	7.9	8.3	8.4	8.5	8.5	8.3	8.4	8.4	8. I	8.2	8.2	8.3	8.3	8.2	8.1	8.2	8.1	7.7	8.0	8.0	8.0	8.1	8.0
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PLANT STAFFING:

Day Shift Operator

Evening Shift Operator

Class: B Class:

Certificate No.: Certificate No.: 14117

Name: Gerald Nusbaum

Class:

Certificate No.:

Name: Name:

Night Shift Operator Lead Operator

Class: B

Certificate No.:

13057

Name: Gary Loggins

Type of Effluent Disposal or Reclaimed Water Reuse: Limited Wet Weather Discharge Activated:

Perc. Pond Yes:

Not applicable: X

* Attatch additional sheets if necessary to list all certified operators.