

# 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

September 6, 2010

Oept. Of Environmental Protection

OCT 0 8 2010

Southwest Districe

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 Operator's Reports for the months of July, August and September, 2010.

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

atories		MAX	IMUM (	0		IT LEVE	EL.		
ults		20			10			20	
		CBOD						SUSPENDED	
ATE	<	5 day	MG/L	<	NITRATE	MG/L	<	SOLIDS	MG/L
7/13/10		1.85			4.2		<	1.0	
8/4/10		1.92			1.65			2.5	
9/15/10		3.45			6.02			1.5	
	vilts TE 7/13/10 8/4/10	rults  ATE < 7/13/10  8/4/10	tults 20 CBOD TE < 5 day 7/13/10 1.85 8/4/10 1.92	cults 20 CBOD ATE < 5 day MG/L  7/13/10 1.85  8/4/10 1.92	CBOD CBOD MG/L < TE < 5 day MG/L < T/13/10 1.85	cults     20 CBOD     10 CBOD       ATE     5 day     MG/L     NITRATE       7/13/10     1.85     4.2       8/4/10     1.92     1.65	cults         20         10           CBOD         CBOD         MG/L         NITRATE         MG/L           7/13/10         1.85         4.2           8/4/10         1.92         1.65	cults         20 CBOD         10 CBOD           ATE         5 day         MG/L         NITRATE         MG/L         <	cults         20         10         20           CBOD         SUSPENDED           STE         5 day         MG/L         NITRATE         MG/L         SOLIDS           7/13/10         1.85         4.2         <         1.0           8/4/10         1.92         1.65         2.5

cjw

#### 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

PERMIT NUMBER: 21375-008-SO/01

WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 9/1 CLASS SIZE: 1-C To: 09/30/2010

FACILITY:

Central Landfill Leachate Plant

LOCATION: COUNTY:

230 W. Gulf to Lake Hwy

Lecanto, FL 34461

Citrus

REPORT: Quarterly GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		(	uantity or Loadir	No. Ex	Frequency of Analysis	Sample Type					
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			-34-
Flow, in conduit or thru treatment plant	Sample Measurement	0.009		MGD							
PARM Code 50053	Permit Requirement	Report Mon AVG	.030 (3) Month Rolling Average	MGD						Daily	Metered
C OD. 5 day 20 degree C	Sample Measurement					3.5		mg/L			
PARM Code 80082	Permit Requirement					20 (Ma. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					1.5		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						6.0	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
рН	Sample				7.7		8.5	S.U.			
	Measurement										
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, Gerald Nusbaum Utility Operator II

Name/Title of Pricin	pal Exect B/14117	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (mm/dd/yy)
Gary Loggins	Utility Operator III C/13057	Devold / Julian	(352)527-7670	10/05/10

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

<sup>\*</sup> 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:
 0.009

 Month/Year: 9/10
 Daily Flow % of Permitted Capacity:
 30.0%

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
0.000	0.014	0.008	0.008	0,006	0.013	0,000	0.008	0.012	0.014	0.009	0.015	0.015	0.010	0.013	0.013	0.008	0.014	0.010	0.011	0.014	0.008	0.014	0.000	0.000	0.000	0.000	0.008	0.010	0.015
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														1.5															
														6.0															
7.9	8.4	8.2	8.4	8.1	8.2		7.9	7.9	8.0	8.0	8.2	8.5	8.0	8.0	8.1	7.9	7.7	7.9	7.9	8.3	7.9	8.1			8.1	8.2	8.3	8.2	8.1
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PLANT STAFFING: Day Shift Operator Class: B Certificate No.: 14117 Name: Gerald Nusbaum Evening Shift Operator Class: Certificate No.: Name:

Evening Shift Operator Class: Certificate No.: Name:

Night Shift Operator Class: Certificate No.: Name:

Lead Operator Class: C Certificate No.: 13057 Name; Gary Loggins

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:

Citrus County Board Of County Commissioners

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

MONITORING PERIOD:

MAILING ADDRESS: P.O. Box 340 Lecanto, FL 34460

TEST SITE ID NUMBER: WACS 175

From: 8/1 To: 08/31/2010

FACILITY: LOCATION: Central Landfill Leachate Plant 230 W. Gulf to Lake Hwy

CLASS SIZE: 1-C

Lecanto, FL 34461

REPORT: Quarterly

COUNTY: Citrus

GROUP: Solid Waste
Please read instructions before completing this form.

Parameter		Q	uantity or Loadin	ıg		Quality or Cond	centration	No. Ex	Frequency of Analysis	Sample Type	
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
Flow, in conduit or thru treatment plant	Sample Measurement	0.010		MGD							
PARM Code 50053	Permit Requirement	Report Mon AVG	.030 (3) Month Rolling Average	MGD						Daily	Metered
C OD. 5 day 20 degree C	Sample Measurement					1.9	,	mg/L			
PARM Code 80082	Permit Requirement					20 (Ma. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					2.5		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						1.7	mg/L			
PARM Code 071850	Permit Requirement					10, <del>0</del> (Mo. Avg.)		mg/L		Werldy	Grab
рН	Sample Measurement				7.5		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. Lam aware that there are significant penalties for submitting false information the possibility of fine and imprisonment

I believe the sublificed information is true, accurate, and co	upiece. I am aware that there are significant penalties for submitte	ng talse intormation the possibility of fine and	mpusomicut
Name/Title of Pricinpal Executive Officer or Authorized Ag	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (mm/dd/yy)
Gerald Nusbaum Utility Operator II B/14117	Desold / Julian	(352)527-7670	09/07/10

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

A-1

<sup>\*</sup> 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: 0.009 Month/Year: 8/10 Daily Flow % of Permitted Capacity: 30.0% Days of the Month 2 3 5 10 11 12 13 14 6 8 9 15 16 17 18 20 23 24 25 26 27 28 29 30 31 Flow (MGD) 0.001 0.001 0.008 0.005 0.006 0.003 0.011 0.007 0.008 0.010 0.011 0.017 0.011 0.019 0.008 0.014 0.014 0.014 0.010 0.018 0.013 0.015 0.017 0.014 0.009 0.010 0.017 0.012 0.001 0.000 0.000 PARM Code 50053 CBOD5 Effluent (mg/L as O2) 1.9 PARM Code 80082 TSS Effluent (mg/L) 2.5 PARM Code 900201 Nitrate (as N) (mg/L) 1.7 PARM Code 071850 pH Effuent (standard units) 7.5 7.5 7.8 8.0 7.9 8.0 8.4 8.0 8.0 8.0 8.0 8.3 8,4 8.4 8.4 8.4 8.4 8.4 8.2 8.1 8.0 8.2 8.5 7.9 8.0 7.7 7.8 PARM Code 00500

PLANT STAFFING:

Day Shift Operator

Lead Operator

Evening Shift Operator Night Shift Operator

Class: B Class: Class:

Class: B

Certificate No.: Certificate No.; Certificate No.:

Name: Gerald Nusbaum

Name:

Name:

Certificate No.: 13057 Name: Gary Loggins

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

Perc. Pond

Not applicable: X

\* Attach 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:

Citrus County Board Of County Commissioners

PERMIT NUMBER: 21375-008-SO/01

MAILING ADDRESS:

P.O. Box 340 Lecanto, FL 34460

WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

3 1 61 11010

To: 07/31/2010

FACILITY: LOCATION: Central Landfill Leachate Plant 230 W. Gulf to Lake Hwy

Lecanto, FL 34461

From: 7/1 CLASS SIZE: 1-C REPORT: Quarterly

GROUP: Solid Waste

COUNTY:

Citrus

Please read instructions before completing this form.

		***************************************		completing this							
Parameter		(	uantity or Loadir	ng		Quality or Cond	centration	No. Ex	Frequency of Analysis	Sample Type	
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
Flow, in conduit or thru treatment plant	Sample Measurement	0.008		MGD		. •					
PARM Code 50053	Permit Requirement	Report Mon AVG	.030 (3) Month Rolling Average	MGD						Daily	Metered
C OD, 5 day 20 degree C	Sample Measurement					1,9		mg/L			
PARM Code 80082	Permit Requirement					20 (Ma. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					1.0		mg/L			•
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						4.2	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
pH	Sample Measurement				7.6		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

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Name/Title of Pricings	al Executive Officer or Authorized Age	Signature of Principal Executive Officer or Authorized Agent		Date (mm/dd/yy)
Gerald Nusbaum	Utility Operator II		(352)527-7670	08/09/10
	B/14117	1 March 1 limber		

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

A-1

<sup>\*</sup> 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: 7/10

Three-month Average Daily Flow:

0.008

PERMIT NUMBER		00-00/0	•															TO			iage Dan			0.000							
Month/Year							,	·——		,	<del></del>						т	•	ly Flow %	,			1	26.7%	,	-					
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	28	29	30	31
Flow (MGD)	0.012	0.002	0.000	0.003	0.029	0.000	0.007	0.013	0.008	0.009	0.010	0.009	0.011	0.007	0.012	0.009	0.007	0.009	0.006	0.005	0.007	0.006	0.006	0.006	0.001	0.001	0.011	0.009	0.000	0.013	0.008
PARM Code 50053						1									l					ļ	ļ				i	i			i		ļ
CBOD5 Effluent (mg/L as O2)								1					1.9																		
PARM Code 80082	1	1			1				i	ĺ								1	Ì								]				
TSS Effluent (mg/L)													1.0																		
PARM Code 900201			1			<u>i                                      </u>								1								L	<u> </u>				ļ				
Nitrate (as N) (mg/L)												1	4.2	1			1	1			1			ļ							}
PARM Code 071850							1			<u> </u>	ļ	1			ļ		1														
pH Effuent (standard units)	8.0	8.3	8.2	8.2	8.5	8.0	8,0	7,8	8.2	8.1	8.2	8.2	8.1	8.4	8.1	8.0	8.0	8.2	8.3	8.3	8,4	8.2	8,4	8.3	8.3	7.8	8.0	8.1	7.9	8.0	7.6
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PLANT STAFFING:

Day Shift Operator Evening Shift Operator Class: B Class

Class:

Certificate No.: Certificate No.: Certificate No.:

14117

Name:

Name: Gerald Nusbaum

Name: Gary Loggins

Name:

Night Shift Operator Lead Operator

Certificate No.:

13057

Class: B

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated: \* Attatch additional sheets if necessary to list all certified operators. Perc. Pond

No:

Yes:

Not applicable: X

08/09/2010 1:24 PM