

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

January 11, 2011

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

RE: WEEKLY 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 October, November and December, 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

Dept. of Environments

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Dept. of Environments

AN 14 2011 Laboratories MAXIMUM CONTAMINANT LEVEL BY PERMIT Results 20 10 20 **CBOD** SUSPENDED SOLIDS OMG/L DATE 5 day MG/L < NITRATE MG/L < 10/5/10 2.35 1.87 11/2/10 2.07 1.55 12/8/10 1.72 5.95

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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:

Citrus County Board Of County Commissioners

MAILING ADDRESS:

FACILITY:

LOCATION:

P.O. Box 340

Lecanto, FL 34460

Lecanto, FL 34461

Central Landfill Leachate Plant

230 W. Gulf to Lake Hwy

PERMIT NUMBER: 21375-008-SO/01

WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 10/1

To: 10/31/2010

CLASS SIZE: 1-C

REPORT: Quarterly

GROUP: Solid Waste

COUNTY: Citrus

Please read instructions before completing this form.

Parameter		(Quantity or Loadin	ng		Quality or Conc	No. Ex	Frequency of Analysis	Sample Type		
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
Flow, in conduit or thru reatment plant	Sample Measurement	0.011		MGD							
ARM Code 50053	Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MGD						Daily	Metered
OD. 5 day 20 degree C	Sample Measurement					2.4		mg/L			
ARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
otal 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						1.9	mg/L			
ARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
Н	Sample Measurement				7.7		8.4	S.U.			
ARM 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

		Signature of Principa	l Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (mm/dd/yy)
Gerald Nusbaum	Utility Operator II B/14117	Nordal	Ju. 1	(352)527-7670	11/03/10

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.

Three-month Average Daily Flow:

0.010

DAILY SAMPLE RESULTS - PART B

Facility: Central Landfill Leachate Plant

PERMIT NUMBER: 21375-008-SO/01

Month/Year: 10/10 Daily Flow % of Permitted Capacity: 33.3% Days of the Month 5 2 6 8 9 10 11 12 13 14 15 17 16 20 18 19 23 24 25 26 27 28 29 30 31 Flow (MGD) 0.010 0.013 0.014 0.009 0.015 0.017 0.013 0.015 0.017 0.013 0.014 0.012 0.013 0.012 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.024 0.009 0.010 0.012 0.012 | 0.011 0.014 0.010 0.013 PARM Code 50053 CBODS Effluent (mg/L as O2) 2.4 PARM Code 80082 TSS Effluent (mg/L) 1.5 PARM Code 900201 Nitrate (as N) (mg/L) 1.9 PARM Code 071850 pH Effuent (standard units) 8.1 8.1 8.3 8.4 8.4 8.4 8.2 8.2 8.2 8.0 8.0 8.3 8.2 8.4 8.3 8.2 8.1 8,0 8.0 7.7 8.2 8.1 PARM Code 00500

PLANT STAFFING:

Day Shift Operator Evening Shift Operator Night Shift Operator

Lead Operator

Class: B Class: Class: Class: B

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

14117

Gerald Nusbaum

Name: Name:

Certificate No.:

13057 Name: Gary Loggins

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated:

No;

Perc. Pond

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

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: 11/1 CLASS SIZE: 1-C To: 11/30/2010

FACILITY: LOCATION:

COUNTY:

Central Landfill Leachate Plant 230 W. Gulf to Lake Hwy

OCATION:

230 W. Gull to Lake HV

Lecanto, FL 34461

Citrus

REPORT: Quarterly GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		(Quantity or Loadin	ng		Quality or Con-	centration	No. Ex	Frequency of Analysis	Sample Type	
		Avg.	Max.	Units	Min.	Avg.	Max.	Units	~~	1111113111	23.00
Flow, in conduit or thru reatment plant	Sample Measurement	0.003		MGD							
PARM Code 50053	Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MCD						Daily	Metered
C OD. 5 day 20 degree C	Sample Measurement					2.1		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					1.0		mg/L	r_	5-2-2	
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weckly	Grab
Nitrate (as N)	Sample Measurement				-		1.6	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
рН	Sample Measurement				7.8		8.4	S.U.		2	J.
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 Pricinpal	Executive Officer or Authorized Age	Signature of Principal Exocutive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum	Utility Operator II B/14117	Dorald Street	(352)527-7670	12/06/10

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-SQ/01

Three-month Average Daily Flow: 0.007 Month/Year: 11/10 Daily Flow % of Permitted Conscitu-23.3%

	 																	. Dan	ly FIOW 7	o or Pen	nitted Cap	bacity:		23.3%							
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)	0.010	0.013	0.011	0.014	0.007	0.011	0.005	0,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0,000	0.000	0.000	0.000	0.000	0.000	0.000					-
PARM Code 50053				1		1		1					11100	0.000	0.000	0.000	0.555	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CBOD5 Effluent (mg/L as O2)	T	2.1		1		_													 -	 											
PARM Code 80082					ļ						:			ŀ				1													ľ
TSS Effluent (mg/L)	1	1.0	1							-			-					.		<u> </u>					-				<u> </u>		
PARM Code 900201		ļ	l	1																									1		ŀ
Nitrate (as N) (mg/L)	i	1.6															\vdash		-												
PARM Code 071850							1																								
pH Effuent (standard units)	8.2	8.2	8.3	8.2	8.4	8.4	8.1	8,4	8.3	8.1	8.2	8.0	8.1	8.0	8.0	7.8	8.1	7,9		2.0	7.0										
PARM Code 00500		~	0.5	0.2	· · · ·		0.1	1,4	0.5	0.1	0,2	5.0	0.1	0.0	0.0	7.8	3.1	7.9	8.0	7.9	7.9	8.1	7.8		7.9	8.0	7.8	8.0	8.1	7.9	
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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.:

14117

Name: Gerald Nusbaum Name:

Certificate No.: Certificate No.; 13057 Name:

Name: Gary Loggins

Lead Operator Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated :

No:

Perc. Pond 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

MAILING ADDRESS:

FACILITY:

LOCATION:

P.O. Box 340

Lecanto, FL 34460

Lecanto, FL 34461

PERMIT NUMBER: 21375-008-SO/01

WACS FACILTY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 12/1

CLASS SIZE: 1-C

To: 12/31/2010

REPORT: Quarterly

GROUP: Solid Waste

Please read instructions before completing this form.

COUNTY: Citrus Parameter

Central Landfill Leachate Plant

230 W. Gulf to Lake Hwy

1 at ameter			Quantity or Loadir			Quality or Con-		No. Ex	Frequency of Analysis	Sample Type	
Flow, in conduit or thru treatment plant	Sample	Avg. 0.005	Max.	Units	Min.	Avg.	Max.	Units			
PARM Code 50053	Measurement Permit Requirement	Report Mon AVG.	.030 (3) Month Rolling Average	MGD						Daily	Metered
C OD, 5 day 20 degree C	Sample Measurement					1.7		mg/L			
PARM Code 80082	Permit Requirement					20 (Ma. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					2.0		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
ьН	Sample Measurement				7.6		8.1	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 Pricinpal	Executive Officer or Authorized Age	Signature of Principal Executive Officer or Authorized Agent		Date (yy/mm/dd)
Gerald Nusbaum	Utility Operator II	00. 110/10	(352)527-7670	01/06/11
	B/14117	Klewa Turken		

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: 12/10

Three-month Average Daily Flow: 0.005 Daily Flow % of Permitted Capacity:

16.7%

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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	31
Flow (MGD)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PARM Code 50053																								ļ							
CBOD5 Effluent (mg/L as O2)		[1.7																							
PARM Code 80082			1	1																											
TSS Effluent (mg/L)	1							2.0																							
PARM Code 900201				Į											:																
Nitrate (as N) (mg/L)								6.0																							
PARM Code 071850			1																	İ			ŀ		1						
pH Effuent (standard units)	7.9	8.0	8.0	8.0	7.9	8.1	7.7	7.8	8.0	7.8	7.9	7.6	7.9	7.7	7.9	7.8	7.8	7.7	8.1	7.8	7.7	7.6	7,8	7.7	1	7.9	7.7	7.7	8.0	7,8	7.8
PARM Code 00500						ļ							-								1							111		',-]
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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.:

14117

Name: Gerald Nusbaum Name:

Certificate No.: Certificate No.; 13057

Name: Name: Gary Loggins

Lead Operator Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated : No: Perc. Pond Yes:

Not applicable: X

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