



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/Ingles/Yankeetown area Toll Free (352) 489-2120

July 13, 2010

Dept. of Environmental
Protection

JUL 15 2010

Southwest District

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 April, May and June, 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: Larry Brock, Interim Director, Department of Public Works (w/xls sheet)
Susan Pelz, Florida Department of Environmental Protection (w/xls sheet)

[illegible]

cjw

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 15 2010
SOUTHWEST DISTRICT
TAMPA

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

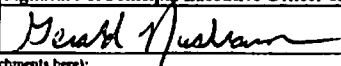
FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 4/1 To: 04/30/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
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
COD, 5 day 20 degree C	Sample Measurement					1.8		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	Weekly	Grab
Nitrate (as N)	Sample Measurement						0.2	mg/L		
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L	Weekly	Grab
pH	Sample Measurement				6.5		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. I am aware that there are significant penalties for submitting false information the possibility of fine and imprisonment.

Name/Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	05/12/10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Month/Year: 4/10

Daily Flow % of Permitted Capacity

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

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

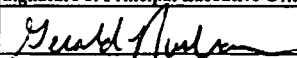
FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 5/1 To: 05/31/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
Flow, in conduit or thru treatment plant	Sample Measurement	0.007		MGD						
PARM Code 50053	Permit Requirement	Report Mon. AVG.	.030 (3) Month Rolling Average	MGD					Daily	Metered
COD, 5 day 20 degree C	Sample Measurement					1.6				
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)			Weekly	Grab
Total Suspended Solids	Sample Measurement					11.0				
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)			Weekly	Grab
Nitrate (as N)	Sample Measurement						3.1			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)			Weekly	Grab
pH	Sample Measurement				8.0		8.5			
PARM Code 00500	Permit Requirement				6.5 Min.		8.5 Max.		Daily	Grab

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Name/Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	06/03/10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Three-month Average Daily Flow:	0.009
Daily Flow % of Permitted Capacity:	30.00%

PLANT STAFFING:	Day Shift Operator	Class: B	Certificate No.: 14117	Name: Gerald Nusbaum
	Evening Shift Operator	Class:	Certificate No.:	Name:
	Night Shift Operator	Class:	Certificate No.:	Name:
	Lead Operator	Class: B	Certificate No.: 13057	Name: Gary Loggins

Limited Wet Weather Discharge Activated : No: Yes: Not applicable: X

06/03/2010
2:01 PM

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 6/1 To: 06/30/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
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 01D, 5 day 20 degree C	Sample Measurement					3.4		mg/L		
PARM Code 80082	Permit Requirement					20 (Mo. 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						0.6	mg/L		
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L	Weekly	Grab
pH	Sample Measurement				7.7		8.4	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 Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (Include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	07/08/10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

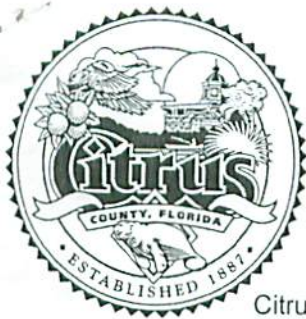
A-1

DAILY SAMPLE RESULTS - PART B

Month/Year: 6/10

Daily Flow % of Permitted Capacity: 30.0%

* Attach additional sheets if necessary to list all certified operators



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

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email: landfillinfo@bocc.citrus.fl.us

TDD Telephone 527-5303

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

July 13, 2010

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

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 15 2010
SOUTHWEST DISTRICT
TAMPA

**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 April, May and June, 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: Larry Brock, Interim Director, Department of Public Works (w/xls sheet)
Susan Pelz, Florida Department of Environmental Protection (w/xls sheet)

SAC		MAXIMUM CONTAMINANT LEVEL BY PERMIT					
Laboratories		20		10		20	
Results		CBOD		NITRATE		SUSPENDED	
DATE	<	5 day	MG/L	<	MG/L	SOLIDS	MG/L
4/6/10		1.83		0.17	<	1.0	
5/12/10		1.62		2.38		11.0	
6/2/10		3.44		0.6		2.5	

7/9/2010



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

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email: landfillinfo@bocc.citrus.fl.us

TDD Telephone 527-5303

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

April 9, 2010

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

Dept. of Environmental Protection
APR 12 2010
Southwest District

**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 January, February and March 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: 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		
	CBOD		SUSPENDED		
DATE	< 5 day	MG/L < NITRATE	MG/L <	SOLIDS	MG/L
1/6/10	1.5	1.25	<	1.0	
2/3/10	1.77	6.12		2.5	
3/2/10	1.64	1.06	<	1.0	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

APR 12 2010

SOUTHWEST DISTRICT
TAMPA

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 1/1 To: 01/31/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration				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.	.038 (3) Month Rolling Average	MGD						Daily	Metered
CBOD, 5 day 20 degree C	Sample Measurement					1.5		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		Weekly	Grab
Nitrate (as N)	Sample Measurement						1.3	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
pH	Sample Measurement				7.7		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 Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117	<i>Gerald Nusbaum</i>	(352)527-7670	02/03/10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Three-month Average Daily Flow:	0.008
Daily Flow % of Permitted Capacity:	26.67%

PLANT STAFFING:	Day Shift Operator	Class: B	Certificate No.: 14117	Name: Gerald Nurbbaum
	Evening Shift Operator	Class:	Certificate No.:	Name:
	Night Shift Operator	Class:	Certificate No.:	Name:
	Lead Operator	Class: B	Certificate No.: 14117	Name: Gerald Nurbbaum

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

CITRUS COUNTY CENTRAL LANDFILL

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

FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

PERMIT NUMBER: 21375-008-SO/01
 WACS FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

From: 2/1 To: 02/28/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
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
COD, 5 day 20 degree C	Sample Measurement					1.8				
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)			Weekly	Grab
Total Suspended Solids	Sample Measurement					2.5				
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)			Weekly	Grab
Nitrate (as N)	Sample Measurement						6.1			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)			Weekly	Grab
pH	Sample Measurement				7.5		8.1			
PARM Code 00500	Permit Requirement				6.5 Min.		8.5 Max.		Daily	Grab

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Name/Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (Include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117	<i>Gerald Nusbaum</i>	(352)527-7670	03/05/10

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Three-month Average Daily Flow:	0.008
Daily Flow % of Permitted Capacity:	26.67%

PLANT STAFFING:	Day Shift Operator	Class: B	Certificate No.: 14117	Name: Gerald Nusbaum
	Evening Shift Operator	Class:	Certificate No.:	Name:
	Night Shift Operator	Class:	Certificate No.:	Name:
	Lead Operator	Class: B	Certificate No.: 13057	Name: Gary Loggins

Perc. Pond

Not applicable: **X**

04/05/2010
1:47 PM

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 3/1 03/31/2010
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration				No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
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					1.6		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		Weekly	Grab
Nitrate (as N)	Sample Measurement						1.1	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
pH	Sample Measurement				6.9		8.1	S.U.			
PARM Code 00500	Permit Requirement				6.5 Min.		8.5 Max.	S.U.		Daily	Grab

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Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	04/05/10

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A 1

DAILY SAMPLE RESULTS - PART B

PERMIT NUMBER: 21J75-008-SO/01

Three-month Average Daily Flow:

0.008

Daily Flow % of Permitted Capacity:

26.7%

PLANT STAFFING:	Day Shift Operator	Class: B	Certificate No.: 14117	Name: Gerald Nustbaum
	Evening Shift Operator	Class:	Certificate No.:	Name:
	Night Shift Operator	Class:	Certificate No.:	Name:
	Lead Operator	Class: B	Certificate No.: 13057	Name: Gary Loggins

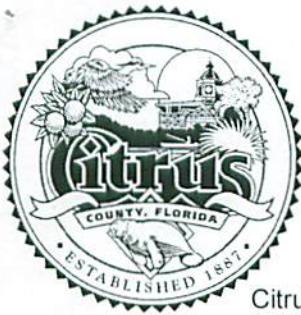
Perc. Pond

No:

Yes:

Not applicable: **X**

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



Board of County Commissioners

DEPARTMENT OF PUBLIC WORKS

SOLID WASTE MANAGEMENT DIVISION

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April 18, 2007

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Temple Terrace, FL 33637-0926

Dept. of Environmental
Protection

APR 20 2007

Southwest District

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LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-008-SO/01

Dear Mr. Morris:

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The weekly analytical reports are now included with the quarterly report submitted by Jones, Edmunds & Associates 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,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

CC: Michael K. Arnold, Assistant 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 CBOD		10	
DATE		< 5 day	MG/L	< NITRATE	MG/L
					20 SUSPENDED SOLIDS
					MG/L
1/3/07		1.44		11	5.0
1/9/07		2.44		0.94	1.0
1/16/07		5.1		0.51	< 1.0
1/24/07		1.77		2.1	5.5
1/31/07		1.44		5.1	2.0
2/7/07		1.55		2.0	1.5
2/14/07		1.33		0.62	1.0
2/21/07		1.44		2.4	< 1.0
3/7/07		2.49		0.49	1.5
3/14/07		4.56		0.53	33
3/21/07		4.53		0.047	2.0
3/28/07		1.94		1.0	3.0

cjw

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859

TEST SITE ID NUMBER: WACS 175

MONITORING PERIOD:

From: 1/1

To: 01/31/2007

FACILITY: Central Landfill Leachate Plant

LOCATION: 230 W. Gulf to Lake Hwy

Lecanto, FL 34461

COUNTY: Citrus

CLASS SIZE: 1-C

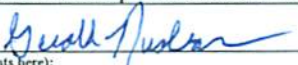
REPORT: Quarterly

GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration				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
CBOD, 5 day 20 degree C	Sample Measurement					2.4		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					2.9		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						11.0	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
pH	Sample Measurement				7.8		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 Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	04/17/07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Month/Year: 1/07

Daily Flow % of Permitted Capacity:

0.7%

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

Limited Wet Weather Discharge Activated: No: Yes Not applicable: X

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

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

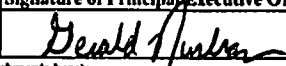
FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 2/1 To: 02/28/2007
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration				No. Ex	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.	Units			
Flow, in conduit or thru treatment plant	Sample Measurement	0.011		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					1.6		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. 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						2.4	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

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Name/Title of Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)
Gerald Nusbaum Utility Operator II B/14117		(352)527-7670	03/21/07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

Month/Year: 2/07

Daily Flow % of Permitted Capacity:

0.9%

PLANT STAFFING:	Day Shift Operator	Class: B	Certificate No.: 14117	Name: Gerald Nusbaum
	Evening Shift Operator	Class:	Certificate No.:	Name:
	Night Shift Operator	Class:	Certificate No.:	Name:
	Lead Operator	Class: B	Certificate No.: 13057	Name: Gary Loggins

Not applicable: **X**

03/21/2007
12:41 PM

CITRUS COUNTY CENTRAL LANDFILL

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 FACILITY ID NUMBER: SWD/09/039859
 TEST SITE ID NUMBER: WACS 175
 MONITORING PERIOD:

FACILITY: Central Landfill Leachate Plant
 LOCATION: 230 W. Gulf to Lake Hwy
 Lecanto, FL 34461
 COUNTY: Citrus

From: 3/1 03/31/2007
 CLASS SIZE: 1-C
 REPORT: Quarterly
 GROUP: Solid Waste

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration				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
COD, 5 day 20 degree C	Sample Measurement					3.4		mg/L			
PARM Code 80082	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Total Suspended Solids	Sample Measurement					9.9		mg/L			
PARM Code 900201	Permit Requirement					20 (Mo. Avg.)		mg/L		Weekly	Grab
Nitrate (as N)	Sample Measurement						1.0	mg/L			
PARM Code 071850	Permit Requirement					10.0 (Mo. Avg.)		mg/L		Weekly	Grab
pH	Sample Measurement				7.8		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 Principal Executive Officer or Authorized Agent	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (Include area code)	Date (yy/mm/dd)
Gerald Nushaum Utility Operator II B/14117		(352)527-7670	04/17/07

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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

A-1

DAILY SAMPLE RESULTS - PART B

PERMIT NUMBER: 21375-008-SO/01

Month/Year: 3/07

Three-month Average Daily Flow:

Daily Flow % of Permitted Capacity:

0.008

PLANT STAFFING:	Day Shift Operator	Class:	B	Certificate No.:	14117	Name:	Gerald Nusbaum
	Evening Shift Operator	Class:		Certificate No.:		Name:	
	Night Shift Operator	Class:		Certificate No.:		Name:	
	Lead Operator	Class:	B	Certificate No.:	13057	Name:	Gary Loggins

Type of Effluent Disposal or Reclaimed Water Reuse:

Limited Wet Weather Discharge Activated :

No:

Yes:

Not applicable: **X**

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



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/Ingles/Yankeetown area Toll Free (352) 489-2120

April 18, 2007

Dept. of Environmental
Protection

APR 20 2007

Southwest District

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 January, February and March 2007.

The weekly analytical reports are now included with the quarterly report submitted by Jones, Edmunds & Associates 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,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

CC: Michael K. Arnold, Assistant 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
	CBOD		SUSPENDED
DATE	< 5 day	MG/L < NITRATE	MG/L < SOLIDS
1/3/07	1.44	11	5.0
1/9/07	2.44	0.94	1.0
1/16/07	5.1	0.51	< 1.0
1/24/07	1.77	2.1	5.5
1/31/07	1.44	5.1	2.0
2/7/07	1.55	2.0	1.5
2/14/07	1.33	0.62	1.0
2/21/07	1.44	2.4	< 1.0
3/7/07	2.49	0.49	1.5
3/14/07	4.56	0.53	33
3/21/07	4.53	0.047	2.0
3/28/07	1.94	1.0	3.0

cjw



April 13, 2007

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
APR 16 2007
SOUTHWEST DISTRICT
TAMPA

Mr. John Morris, P.G.
Florida Department of Environmental Protection - Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Quarterly Leachate Sampling – First Quarter 2007
Citrus County Landfill
Permit No. 21375-008-SO/01
Jones Edmunds Project No. 03860-025-01

Dear Mr. Morris:

This report presents data from the First Quarter sampling of the Leachate Effluent at the Citrus County Landfill, performed on January 24, 2007.

The Leachate Effluent was sampled for the quarterly and semiannual parameters as required by the permit

Weekly Leachate Effluent Analytical Reports and Monthly Leachate Influent Analytical Reports are included in this report. Monthly Operating Reports (January, February, and March) will be forwarded under separate cover.

If you have any questions regarding this report, please contact us at (352) 377-5821.

Sincerely,

A handwritten signature in black ink that reads "Katherine S. Weitz".

Katherine S. Weitz
Project Manager

M:\EnvDocs\Citrus County\2007\06q1 Leachate\07q1leachate letter.doc

xc: Susan Metcalfe, P.G.

Attachments

730 NE Waldo Rd
Gainesville, FL 32641

352.377.5821 Phone
352-377.3166 Fax
www.jonesedmunds.com

DER Form # 17-522.600 (2)
Form Title: GROUNDWATER MONITORING REPORT
Effective Date: _____
DER Application Date: _____

Florida Department of Environmental Regulation
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUNDWATER MONITORING REPORT

Rule 17-522.600 (11)

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
APR 16 2007
SOUTHWEST DISTRICT
TAMPA

Part I GENERAL INFORMATION

- (1) Facility Name Citrus County Central Landfill
Address P.O. Box 340
City Lecanto, Florida Zip 34460-
Telephone Number _____
- (2) The GMS Identification Number SWD/09/39859
- (3) DER Permit Number 21375-008-SO/01
- (4) Authorized Representative Name Susan Metcalfe, P.G., Director, Division of Solid Waste
Address P.O. Box 340
City Lecanto, Florida Zip 34460-0340
Telephone Number (352) 527-7671
- (5) Type of Discharge Landfill
- (6) Method of Discharge Groundwater

Certification

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

Date: 4/12/07

Susan J Metcalfe
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization CompQAP # DEP SOP 001/01
- Analytical Lab CompQAP #/HRS Certification # E83182
CompQAP #/HRS Certification # _____
- Lab Name Environmental Conservation Laboratories, Inc.
- Address 10775 Central Point, Orlando, Florida 32824
- Phone Number (407) 826-5314

QUARTERLY LEACHATE RESULTS

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 175

Well Name: Leachate Effluent

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 1/24/07 1:15:00 PM

Report Period: FIRST QUARTER 2007

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000300	DISSOLVED OXYGEN (FIELD)	E	No	EOA 360.1	1/24/07 1:15:00 PM	5.03	mg/L	
000094	CONDUCTIVITY (FIELD)	E	No	EPA 120.1	1/24/07 1:15:00 PM	4193	µmhos/cm	
000400	pH (FIELD)	E	No	EPA 150.1	1/24/07 1:15:00 PM	7.61	pH Units	
070300	TOTAL DISSOLVED SOLIDS	E	No	EPA 160.1	1/30/07 5:20:00 PM	2400	mg/L	10mg/L
000010	TEMPERATURE (FIELD)	E	No	EPA 170.1	1/24/07 1:15:00 PM	17.92	°C	
082078	TURBIDITY (FIELD)	E	No	EPA 180.1	1/24/07 1:15:00 PM	2.90	NTU	
000940	CHLORIDE	E	No	EPA 300.0	1/30/07 4:22:00 AM	1100	mg/L	0.25mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	2/6/07 7:21:00 PM	0.17	mg/L	0.003mg/L
000929	SODIUM	E	No	EPA 6020	2/2/07 10:04:00 PM	631	mg/L	1.60mg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	2/3/07 6:22:00 PM	<0.012	µg/L	0.012µg/L
034030	BENZENE	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.48	µg/L	0.48µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	1/31/07 7:59:00 PM	8.2	µg/L	0.22µg/L
032104	BROMOFORM	E	No	EPA 8260B	1/31/07 7:59:00 PM	2.2	µg/L	0.48µg/L
032106	CHLOROFORM	E	No	EPA 8260B	1/31/07 7:59:00 PM	5.2	µg/L	0.89µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	1/31/07 7:59:00 PM	6.5	µg/L	0.20µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.99	µg/L	0.99µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.55	µg/L	0.55µg/L
077135	O-XYLENES	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.60	µg/L	0.60µg/L
034010	TOLUENE	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.25	µg/L	0.25µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.52	µg/L	0.52µg/L
081551	XYLENES	E	No	EPA 8260B	1/31/07 7:59:00 PM	<0.60	µg/L	0.60µg/L
046480	REDOX POTENTIAL (FIELD)	E	No	SM2580B	1/24/07 1:15:00 PM	265.5	mV	

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Thursday, February 8, 2007

Jones Edmunds & Associates, Inc. (JO006)

Attn: Lynne McDaniel

730 N.E. Waldo Road Bldg.A

Gainesville, FL 32641

**RE: Project Number: 03860-025, Project Name/Desc: Citrus Co. LF - Permit
ENCO Workorder: A700502**

Dear Lynne McDaniel,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 25, 2007.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "David M. Camacho". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

David Camacho

Project Manager

Enclosure(s)



www.encolabs.com

LAB #		A700502-01	A700502-01RE1	A700502-02	A700502-02RE1	A700502-03	A700502-03RE1
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-1R::07S1CC-1R	MW-1R::07S1CC-1R	MW-AA::07S1CC-AA	MW-AA::07S1CC-AA	EQB#2::07S1CC-EQ2	EQB#2::07S1CC-EQ2
Volatile Organic Compounds by GCMS (Water)							
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.24 [6]	-	<0.24 [6]	-	<0.24 [6]	-
1,1,1-Trichloroethane	1.0 ug/L	<0.88 [6]	-	<0.88 [6]	-	<0.88 [6]	-
1,1,2,2-Tetrachloroethane	0.20 ug/L	<0.20 [6]	-	<0.20 [6]	-	<0.20 [6]	-
1,1,2-Trichloroethane	1.0 ug/L	<0.44 [6]	-	<0.44 [6]	-	<0.44 [6]	-
1,1-Dichloroethane	1.0 ug/L	<0.60 [6]	-	<0.60 [6]	-	<0.60 [6]	-
1,1-Dichloroethene	1.0 ug/L	<0.83 [6]	-	<0.83 [6]	-	<0.83 [6]	-
1,2,3-Trichloropropane	1.0 ug/L	<0.34 [6]	-	<0.34 [6]	-	<0.34 [6]	-
1,2-Dichlorobenzene	1.0 ug/L	<0.27 [6]	-	<0.27 [6]	-	<0.27 [6]	-
1,2-Dichloroethane	1.0 ug/L	<0.94 [6]	-	<0.94 [6]	-	<0.94 [6]	-
1,2-Dichloropropane	1.0 ug/L	<0.97 [6]	-	<0.97 [6]	-	<0.97 [6]	-
1,4-Dichlorobenzene	1.0 ug/L	<0.24 [6]	-	3.6	-	<0.24 [6]	-
2-Butanone	5.0 ug/L	<1.0 [6]	-	<1.0 [6]	-	<1.0 [6]	-
2-Hexanone	5.0 ug/L	<2.1 [6]	-	<2.1 [6]	-	<2.1 [6]	-
4-Methyl-2-pentanone	5.0 ug/L	<1.6 [6]	-	<1.6 [6]	-	<1.6 [6]	-
Acetone	5.0 ug/L	<2.6 [6]	-	<2.6 [6]	-	5.0	-
Acrylonitrile	2.0 ug/L	<1.7 [6]	-	<1.7 [6]	-	<1.7 [6]	-
Benzene	1.0 ug/L	<0.48 [6]	-	0.52 [2]	-	<0.48 [6]	-
Bromochloromethane	1.0 ug/L	<0.93 [6]	-	<0.93 [6]	-	<0.93 [6]	-
Bromodichloromethane	0.40 ug/L	<0.22 [6]	-	<0.22 [6]	-	<0.22 [6]	-
Bromoform	1.0 ug/L	<0.48 [6]	-	<0.48 [6]	-	<0.48 [6]	-
Bromomethane	1.0 ug/L	<0.80 [6]	-	<0.80 [6]	-	<0.80 [6]	-
Carbon disulfide	5.0 ug/L	<0.97 [6]	-	<0.97 [6]	-	<0.97 [6]	-
Carbon tetrachloride	1.0 ug/L	<0.85 [6]	-	<0.85 [6]	-	<0.85 [6]	-
Chlorobenzene	1.0 ug/L	<0.21 [6]	-	0.57 [2]	-	<0.21 [6]	-
Chloroethane	1.0 ug/L	<0.66 [6]	-	<0.66 [6]	-	<0.66 [6]	-
Chloroform	1.0 ug/L	<0.89 [6]	-	<0.89 [6]	-	<0.89 [6]	-
Chloromethane	1.0 ug/L	<0.82 [6]	-	<0.82 [6]	-	<0.82 [6]	-
cis-1,2-Dichloroethene	1.0 ug/L	<0.75 [6]	-	0.94 [2]	-	<0.75 [6]	-
cis-1,3-Dichloropropene	0.20 ug/L	<0.20 [6]	-	<0.20 [6]	-	<0.20 [6]	-
Dibromochloromethane	0.20 ug/L	<0.20 [6]	-	<0.20 [6]	-	<0.20 [6]	-
Dibromomethane	1.0 ug/L	<0.42 [6]	-	<0.42 [6]	-	<0.42 [6]	-
Ethylbenzene	1.0 ug/L	<0.99 [6]	-	<0.99 [6]	-	<0.99 [6]	-
Iodomethane	3.0 ug/L	<0.81 [6]	-	<0.81 [6]	-	<0.81 [6]	-
m,p-Xylenes	1.0 ug/L	<0.55 [6]	-	<0.55 [6]	-	<0.55 [6]	-
Methylene chloride	2.0 ug/L	<1.0 [6]	-	<1.0 [6]	-	<1.0 [6]	-
o-Xylene	1.0 ug/L	<0.60 [6]	-	<0.60 [6]	-	<0.60 [6]	-
Styrene	1.0 ug/L	<0.19 [6]	-	<0.19 [6]	-	<0.19 [6]	-
Tetrachloroethene	1.0 ug/L	<0.65 [6]	-	<0.65 [6]	-	<0.65 [6]	-
Toluene	1.0 ug/L	<0.25 [6]	-	<0.25 [6]	-	<0.25 [6]	-
trans-1,2-Dichloroethene	1.0 ug/L	<0.83 [6]	-	<0.83 [6]	-	<0.83 [6]	-
trans-1,3-Dichloropropene	0.20 ug/L	<0.20 [6]	-	<0.20 [6]	-	<0.20 [6]	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.61 [6]	-	<0.61 [6]	-	<0.61 [6]	-
Trichloroethene	1.0 ug/L	<0.71 [6]	-	<0.71 [6]	-	<0.71 [6]	-
Trichlorofluoromethane	1.0 ug/L	<0.70 [6]	-	<0.70 [6]	-	<0.70 [6]	-



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LAB #		A700502-01	A700502-01RE1	A700502-02	A700502-02RE1	A700502-03	A700502-03RE1
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-1R::07S1CC-1R	MW-1R::07S1CC-1R	MW-AA::07S1CC-AA	MW-AA::07S1CC-AA	EQB#2::07S1CC-EQ2	EQB#2::07S1CC-EQ2
Volatile Organic Compounds by GCMS (continued)							
Vinyl acetate	1.0 ug/L	<0.20 [6]	-	<0.20 [6]	-	<0.20 [6]	-
Vinyl chloride	1.0 ug/L	<0.52 [6]	-	1.4	-	<0.52 [6]	-
Xylenes (Total)	1.0 ug/L	<0.60 [6]	-	<0.60 [6]	-	<0.60 [6]	-
Toluene-d8	125 [surr]	92%	-	90%	-	95%	-
4-Bromofluorobenzene	133 [surr]	82%	-	81%	-	86%	-
Dibromofluoromethane	137 [surr]	110%	-	110%	-	120%	-
Semivolatile Organic Compounds by GC (Water)							
1,2-Dibromoethane	0.02 ug/L	<0.004 [6]	-	<0.004 [6]	-	<0.004 [6]	-
1,2-Dibromo-3-chloropropane	0.02 ug/L	<0.004 [6]	-	<0.004 [6]	-	<0.004 [6]	-
1,3-Dichlorobenzene	141 [surr]	130%	-	97%	-	120%	-
Metals by EPA 6000/7000 Series Methods (Water)							
Antimony	5.00 ug/L	2.73 [2]	-	2.09 [2]	-	2.54 [2]	-
Arsenic	10.0 ug/L	<0.980 [6]	-	3.85 [2]	-	<0.980 [6]	-
Barium	100 ug/L	12.2 [2]	-	37.5 [2]	-	2.97 [2]	-
Beryllium	1.00 ug/L	-	<0.810 [6]	-	<0.810 [6]	-	<0.810 [6]
Cadmium	5.00 ug/L	<0.300 [6]	-	<0.300 [6]	-	<0.300 [6]	-
Chromium	10.0 ug/L	3.85 [2]	-	4.53 [2]	-	3.60 [2]	-
Cobalt	10.0 ug/L	2.30 [2]	-	17.1	-	<0.260 [6]	-
Copper	5.00 ug/L	<0.630 [6]	-	<0.630 [6]	-	<0.630 [6]	-
Iron	100 ug/L	46.7 [2]	-	7040	-	<6.70 [6]	-
Lead	10.0 ug/L	2.16 [2]	-	0.541 [2]	-	0.504 [2]	-
Mercury	0.20 ug/L	<0.11 [6]	-	<0.11 [6]	-	<0.11 [6]	-
Nickel	10.0 ug/L	8.04 [2]	-	13.4	-	0.720 [2]	-
Selenium	10.0 ug/L	<1.70 [6]	-	<1.70 [6]	-	<1.70 [6]	-
Silver	0.500 ug/L	<0.200 [6]	-	<0.200 [6]	-	<0.200 [6]	-
Sodium	1.00 mg/L	8.65	-	3.82	-	0.0994 [2]	-
Thallium	0.500 ug/L	<0.290 [6]	-	<0.290 [6]	-	<0.290 [6]	-
Vanadium	10.0 ug/L	<0.380 [6]	-	<0.380 [6]	-	<0.380 [6]	-
Zinc	100 ug/L	23.3 [2]	-	8.85 [2]	-	7.57 [2]	-
Classical Chemistry Parameters (Water)							
Ammonia as N	0.020 mg/L	<0.003 [6]	-	1.6	-	<0.003 [6]	-
Chloride	1.0 mg/L	3.8	-	2.9	-	0.74 [2]	-
Nitrate as N	0.050 mg/L	6.2	-	0.11	-	0.091	-
Nitrite as N	0.050 mg/L	<0.007 [6]	-	<0.007 [6]	-	<0.007 [6]	-
Nitrate/Nitrite as N	0.050 mg/L	6.2 [1]	-	0.11	-	0.091	-
Total Dissolved Solids	10 mg/L	100	-	350	-	<10 [6]	-
Field Parameters (Water)							
Specific Conductance (EC)	0 umhos/cm	114	-	667	-	-	-
Dissolved Oxygen	0.00 mg/L	3.68	-	0.12	-	-	-
pH	0.00 pH Units	5.02	-	6.42	-	-	-
Oxidation/Reduction Potential	mV	480.8	-	-46.0	-	-	-
Temperature	0.00 °C	19.26	-	26.84	-	-	-



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LAB #		A700502-01	A700502-01RE1	A700502-02	A700502-02RE1	A700502-03	A700502-03RE1
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW-1R::07S1CC-1R	MW-1R::07S1CC-1R	MW-AA::07S1CC-AA	MW-AA::07S1CC-AA	EQB#2::07S1CC-EQ2	EQB#2::07S1CC-EQ2

Field Parameters (continued)

Turbidity	0.0 NTU	0.53	-	1.66	-	-	-
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LAB #		A700502-04	A700502-04RE1	A700502-05	A700502-05RE1	A700502-06	-
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	-
SAMPLE ID	Reporting Limit	MW-6::07S1CC-6	MW-6::07S1CC-6	EFF::07S1CC-EFF	EFF::07S1CC-EFF	TB#3	-

Volatile Organic Compounds by GCMS (Water)

1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.24 [6]	-	-	-	<0.24 [6]	-
1,1,1-Trichloroethane	1.0 ug/L	<0.88 [6]	-	-	-	<0.88 [6]	-
1,1,2,2-Tetrachloroethane	0.20 ug/L	<0.20 [6]	-	-	-	<0.20 [6]	-
1,1,2-Trichloroethane	1.0 ug/L	<0.44 [6]	-	-	-	<0.44 [6]	-
1,1-Dichloroethane	1.0 ug/L	<0.60 [6]	-	-	-	<0.60 [6]	-
1,1-Dichloroethene	1.0 ug/L	<0.83 [6]	-	-	-	<0.83 [6]	-
1,2,3-Trichloropropane	1.0 ug/L	<0.34 [6]	-	-	-	<0.34 [6]	-
1,2-Dichlorobenzene	1.0 ug/L	<0.27 [6]	-	-	-	<0.27 [6]	-
1,2-Dichloroethane	1.0 ug/L	<0.94 [6]	-	-	-	<0.94 [6]	-
1,2-Dichloropropane	1.0 ug/L	<0.97 [6]	-	-	-	<0.97 [6]	-
1,4-Dichlorobenzene	1.0 ug/L	0.43 [2]	-	-	-	<0.24 [6]	-
2-Butanone	5.0 ug/L	<1.0 [6]	-	-	-	<1.0 [6]	-
2-Hexanone	5.0 ug/L	<2.1 [6]	-	-	-	<2.1 [6]	-
4-Methyl-2-pentanone	5.0 ug/L	<1.6 [6]	-	-	-	<1.6 [6]	-
Acetone	5.0 ug/L	<2.6 [6]	-	-	-	<2.6 [6]	-
Acrylonitrile	2.0 ug/L	<1.7 [6]	-	-	-	<1.7 [6]	-
Benzene	1.0 ug/L	0.91 [2]	-	<0.48 [6]	-	<0.48 [6]	-
Bromochloromethane	1.0 ug/L	<0.93 [6]	-	-	-	<0.93 [6]	-
Bromodichloromethane	0.40 ug/L	2.9	-	8.2	-	<0.22 [6]	-
Bromoform	1.0 ug/L	0.80 [2]	-	2.2	-	<0.48 [6]	-
Bromomethane	1.0 ug/L	<0.80 [6]	-	-	-	<0.80 [6]	-
Carbon disulfide	5.0 ug/L	<0.97 [6]	-	-	-	<0.97 [6]	-
Carbon tetrachloride	1.0 ug/L	<0.85 [6]	-	-	-	<0.85 [6]	-
Chlorobenzene	1.0 ug/L	<0.21 [6]	-	-	-	<0.21 [6]	-
Chloroethane	1.0 ug/L	<0.66 [6]	-	-	-	<0.66 [6]	-
Chloroform	1.0 ug/L	4.7	-	5.2	-	<0.89 [6]	-
Chloromethane	1.0 ug/L	<0.82 [6]	-	-	-	<0.82 [6]	-
cis-1,2-Dichloroethene	1.0 ug/L	1.0	-	-	-	<0.75 [6]	-
cis-1,3-Dichloropropene	0.20 ug/L	<0.20 [6]	-	-	-	<0.20 [6]	-
Dibromochloromethane	0.20 ug/L	3.2	-	6.5	-	<0.20 [6]	-
Dibromomethane	1.0 ug/L	<0.42 [6]	-	-	-	<0.42 [6]	-
Ethylbenzene	1.0 ug/L	<0.99 [6]	-	<0.99 [6]	-	<0.99 [6]	-
Iodomethane	3.0 ug/L	<0.81 [6]	-	-	-	<0.81 [6]	-
m,p-Xylenes	1.0 ug/L	0.87 [2]	-	<0.55 [6]	-	<0.55 [6]	-
Methylene chloride	2.0 ug/L	<1.0 [6]	-	-	-	<1.0 [6]	-
o-Xylene	1.0 ug/L	<0.60 [6]	-	<0.60 [6]	-	<0.60 [6]	-
Styrene	1.0 ug/L	<0.19 [6]	-	-	-	<0.19 [6]	-
Tetrachloroethene	1.0 ug/L	<0.65 [6]	-	-	-	<0.65 [6]	-
Toluene	1.0 ug/L	<0.25 [6]	-	<0.25 [6]	-	<0.25 [6]	-
trans-1,2-Dichloroethene	1.0 ug/L	<0.83 [6]	-	-	-	<0.83 [6]	-
trans-1,3-Dichloropropene	0.20 ug/L	<0.20 [6]	-	-	-	<0.20 [6]	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.61 [6]	-	-	-	<0.61 [6]	-
Trichloroethene	1.0 ug/L	<0.71 [6]	-	-	-	<0.71 [6]	-
Trichlorofluoromethane	1.0 ug/L	<0.70 [6]	-	-	-	<0.70 [6]	-
Vinyl acetate	1.0 ug/L	<0.20 [6]	-	-	-	<0.20 [6]	-



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LAB #		A700502-04	A700502-04RE1	A700502-05	A700502-05RE1	A700502-06	-
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	-
SAMPLE ID	Reporting Limit	MW-6::07S1CC-6	MW-6::07S1CC-6	EFF::07S1CC-EFF	EFF::07S1CC-EFF	TB#3	-

Volatile Organic Compounds by GCMS (continued)

Vinyl chloride	1.0 ug/L	2.3	-	<0.52 [6]	-	<0.52 [6]	-
Xylenes (Total)	1.0 ug/L	1.4	-	<0.60 [6]	-	<0.60 [6]	-
Toluene-d8	125 [surr]	90%	-	87%	-	90%	-
4-Bromofluorobenzene	133 [surr]	80%	-	79%	-	81%	-
Dibromofluoromethane	137 [surr]	110%	-	110%	-	110%	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.02 ug/L	<0.004 [6]	-	-	-	-	-
1,2-Dibromo-3-chloropropane	0.02 ug/L	<0.004 [6]	-	-	-	-	-
1,3-Dichlorobenzene	141 [surr]	100%	-	-	-	-	-
1,2-Dibromoethane	0.020 ug/L	-	-	<0.012 [6]	-	-	-
1,3-Dichlorobenzene	127 [surr]	-	-	110%	-	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5.00 ug/L	2.24 [2]	-	-	-	-	-
Arsenic	10.0 ug/L	<0.980 [6]	-	-	-	-	-
Barium	100 ug/L	105	-	-	-	-	-
Beryllium	1.00 ug/L	-	<0.810 [6]	-	-	-	-
Cadmium	5.00 ug/L	<0.300 [6]	-	-	-	-	-
Chromium	10.0 ug/L	4.61 [2]	-	-	-	-	-
Cobalt	10.0 ug/L	3.43 [2]	-	-	-	-	-
Copper	5.00 ug/L	23.7	-	-	-	-	-
Iron	100 ug/L	141	-	-	-	-	-
Lead	10.0 ug/L	3.54 [2]	-	-	-	-	-
Mercury	0.20 ug/L	<0.11 [6]	-	-	-	-	-
Nickel	10.0 ug/L	38.6	-	-	-	-	-
Selenium	10.0 ug/L	2.70 [2]	-	-	-	-	-
Silver	0.500 ug/L	<0.200 [6]	-	-	-	-	-
Sodium	1.00 mg/L	-	125 [1]	-	631 [1]	-	-
Thallium	0.500 ug/L	<0.290 [6]	-	-	-	-	-
Vanadium	10.0 ug/L	<0.380 [6]	-	-	-	-	-
Zinc	100 ug/L	31.0 [2]	-	-	-	-	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	1.1	-	0.17	-	-	-
Chloride	1.0 mg/L	220	-	1100 [1]	-	-	-
Nitrate as N	0.050 mg/L	16	-	-	-	-	-
Nitrite as N	0.050 mg/L	0.016 [2]	-	-	-	-	-
Nitrate/Nitrite as N	0.050 mg/L	16 [1]	-	-	-	-	-
Total Dissolved Solids	10 mg/L	480	-	2400	-	-	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	945	-	4193	-	-	-
Dissolved Oxygen	0.00 mg/L	0.29	-	5.03	-	-	-
pH	0.00 pH Units	4.10	-	7.61	-	-	-
Oxidation/Reduction Potential	mV	295.0	-	265.5	-	-	-
Temperature	0.00 °C	21.97	-	17.92	-	-	-



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LAB #		A700502-04	A700502-04RE1	A700502-05	A700502-05RE1	A700502-06	-
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	-
SAMPLE ID	Reporting Limit	MW-6::07S1CC-6	MW-6::07S1CC-6	EFF::07S1CC-EFF	EFF::07S1CC-EFF	TB#3	-

Field Parameters (continued)

Turbidity	0.0 NTU	0.36	-	2.90	-	-	-
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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A31003 - EPA 5030B_MS

Prepared: 01/31/2007 09:31 Analyzed: 01/31/2007 11:41

Blank (7A31003-BLK1)

1,1,1,2-Tetrachloroethane	0.24 U	1.0	ug/L
1,1,1-Trichloroethane	0.88 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.20 U	0.20	ug/L
1,1,2-Trichloroethane	0.44 U	1.0	ug/L
1,1-Dichloroethane	0.60 U	1.0	ug/L
1,1-Dichloroethene	0.83 U	1.0	ug/L
1,2,3-Trichloropropane	0.34 U	1.0	ug/L
1,2-Dichlorobenzene	0.27 U	1.0	ug/L
1,2-Dichloroethane	0.94 U	1.0	ug/L
1,2-Dichloropropane	0.97 U	1.0	ug/L
1,4-Dichlorobenzene	0.24 U	1.0	ug/L
2-Butanone	1.0 U	5.0	ug/L
2-Hexanone	2.1 U	5.0	ug/L
4-Methyl-2-pentanone	1.6 U	5.0	ug/L
Acetone	2.6 U	5.0	ug/L
Acrylonitrile	1.7 U	2.0	ug/L
Benzene	0.48 U	1.0	ug/L
Bromochloromethane	0.93 U	1.0	ug/L
Bromodichloromethane	0.22 U	0.40	ug/L
Bromoform	0.48 U	1.0	ug/L
Bromomethane	0.80 U	1.0	ug/L
Carbon disulfide	0.97 U	5.0	ug/L
Carbon tetrachloride	0.85 U	1.0	ug/L
Chlorobenzene	0.21 U	1.0	ug/L
Chloroethane	0.66 U	1.0	ug/L
Chloroform	0.89 U	1.0	ug/L
Chloromethane	0.82 U	1.0	ug/L
cis-1,2-Dichloroethene	0.75 U	1.0	ug/L
cis-1,3-Dichloropropene	0.20 U	0.20	ug/L
Dibromochloromethane	0.20 U	0.20	ug/L
Dibromomethane	0.42 U	1.0	ug/L
Ethylbenzene	0.99 U	1.0	ug/L
Iodomethane	0.81 U	3.0	ug/L
m,p-Xylenes	0.55 U	1.0	ug/L
Methylene chloride	1.0 U	2.0	ug/L
o-Xylene	0.60 U	1.0	ug/L
Styrene	0.19 U	1.0	ug/L
Tetrachloroethene	0.65 U	1.0	ug/L
Toluene	0.25 U	1.0	ug/L
trans-1,2-Dichloroethene	0.83 U	1.0	ug/L
trans-1,3-Dichloropropene	0.20 U	0.20	ug/L
trans-1,4-Dichloro-2-butene	0.61 U	1.0	ug/L
Trichloroethene	0.71 U	1.0	ug/L
Trichlorofluoromethane	0.70 U	1.0	ug/L
Vinyl acetate	0.20 U	1.0	ug/L
Vinyl chloride	0.52 U	1.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 7A31003 - EPA 5030B_MS

Blank (7A31003-BLK1) Continued

Prepared: 01/31/2007 09:31 Analyzed: 01/31/2007 11:41

Xylenes (Total)	0.60 U	1.0	ug/L							
Surrogate: Toluene-d8	46		ug/L	50.0		93	76-125			
Surrogate: 4-Bromofluorobenzene	46		ug/L	50.0		91	64-133			
Surrogate: Dibromofluoromethane	52		ug/L	50.0		104	66-137			

LCS (7A31003-BS1)

Prepared: 01/31/2007 09:31 Analyzed: 01/31/2007 11:12

1,1-Dichloroethene	27	1.0	ug/L	20.0		133	55.1-177			
Benzene	16	1.0	ug/L	20.0		82	64.9-144			
Chlorobenzene	18	1.0	ug/L	20.0		90	63.5-136			
Toluene	16	1.0	ug/L	20.0		78	68.4-128			
Trichloroethene	16	1.0	ug/L	20.0		82	70.2-128			
Surrogate: Toluene-d8	48		ug/L	50.0		96	76-125			
Surrogate: 4-Bromofluorobenzene	48		ug/L	50.0		96	64-133			
Surrogate: Dibromofluoromethane	53		ug/L	50.0		106	66-137			

Matrix Spike (7A31003-MS1)

Source: A700471-01

Prepared: 01/31/2007 09:31 Analyzed: 01/31/2007 12:11

1,1-Dichloroethene	28	1.0	ug/L	20.0	0.83 U	139	55.1-177			
Benzene	18	1.0	ug/L	20.0	0.48 U	88	65-143			
Chlorobenzene	20	1.0	ug/L	20.0	0.21 U	102	63.5-136			
Toluene	17	1.0	ug/L	20.0	0.25 U	87	68.4-128			
Trichloroethene	19	1.0	ug/L	20.0	0.71 U	95	70.2-128			
Surrogate: Toluene-d8	48		ug/L	50.0		97	76-125			
Surrogate: 4-Bromofluorobenzene	46		ug/L	50.0		91	64-133			
Surrogate: Dibromofluoromethane	46		ug/L	50.0		93	66-137			

Matrix Spike Dup (7A31003-MSD1)

Source: A700471-01

Prepared: 01/31/2007 09:31 Analyzed: 01/31/2007 12:40

1,1-Dichloroethene	26	1.0	ug/L	20.0	0.83 U	131	55.1-177	6	15.6	
Benzene	19	1.0	ug/L	20.0	0.48 U	95	65-143	7	11.8	
Chlorobenzene	18	1.0	ug/L	20.0	0.21 U	89	63.5-136	14	18.9	
Toluene	18	1.0	ug/L	20.0	0.25 U	91	68.4-128	4	12.4	
Trichloroethene	16 QR-02	1.0	ug/L	20.0	0.71 U	78	70.2-128	20	13.3	QR-02
Surrogate: Toluene-d8	48		ug/L	50.0		96	76-125			
Surrogate: 4-Bromofluorobenzene	44		ug/L	50.0		89	64-133			
Surrogate: Dibromofluoromethane	54		ug/L	50.0		108	66-137			

Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30022 - EPA 504/8011

Blank (7A30022-BLK1)

Prepared: 02/02/2007 12:00 Analyzed: 02/03/2007 14:49

1,2-Dibromoethane	0.012 U	0.020	ug/L							
1,2-Dibromoethane	0.004 U	0.020	ug/L							
1,2-Dibromo-3-chloropropane	0.004 U	0.020	ug/L							
Surrogate: 1,3-Dichlorobenzene	0.32		ug/L	0.250		126	42-141			
Surrogate: 1,3-Dichlorobenzene	0.32		ug/L	0.250		126	53.3-127			

LCS (7A30022-BS1)

Prepared: 02/02/2007 12:00 Analyzed: 02/03/2007 15:01

1,2-Dibromoethane	0.30	0.020	ug/L	0.250		120	50-150			
1,2-Dibromoethane	0.30	0.020	ug/L	0.250		120	56.3-121			
1,2-Dibromo-3-chloropropane	0.24	0.020	ug/L	0.250		95	73-156			
Surrogate: 1,3-Dichlorobenzene	0.30		ug/L	0.250		119	53.3-127			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GC - Quality Control

Batch 7A30022 - EPA 504/8011

LCS (7A30022-BS1) Continued

Prepared: 02/02/2007 12:00 Analyzed: 02/03/2007 15:01

Surrogate: 1,3-Dichlorobenzene 0.30 ug/L 0.250 119 42-141

Matrix Spike (7A30022-MS1)

Source: A700514-01

Prepared: 02/02/2007 12:00 Analyzed: 02/03/2007 15:26

1,2-Dibromoethane 0.30 0.020 ug/L 0.250 0.004 U 119 50-150

1,2-Dibromoethane 0.30 0.020 ug/L 0.250 0.012 U 119 56.3-121

1,2-Dibromo-3-chloropropane 0.24 0.020 ug/L 0.250 0.004 U 96 73-156

Surrogate: 1,3-Dichlorobenzene 0.30 ug/L 0.250 121 42-141

Surrogate: 1,3-Dichlorobenzene 0.30 ug/L 0.250 121 53.3-127

Matrix Spike Dup (7A30022-MSD1)

Source: A700514-01

Prepared: 02/02/2007 12:00 Analyzed: 02/03/2007 15:39

1,2-Dibromoethane 0.30 0.020 ug/L 0.250 0.004 U 120 50-150 1 25

1,2-Dibromoethane 0.30 0.020 ug/L 0.250 0.012 U 120 56.3-121 1 18.6

1,2-Dibromo-3-chloropropane 0.26 QR-02 0.020 ug/L 0.250 0.004 U 104 73-156 9 7.1 QR-02

Surrogate: 1,3-Dichlorobenzene 0.33 ug/L 0.250 132 42-141

Surrogate: 1,3-Dichlorobenzene 0.33 ug/L 0.250 132 53.3-127 S-04

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A26009 - EPA 7470A

Blank (7A26009-BLK1)

Prepared: 01/29/2007 11:46 Analyzed: 01/30/2007 07:29

Mercury 0.11 U 0.20 ug/L

LCS (7A26009-BS1)

Prepared: 01/29/2007 11:46 Analyzed: 01/30/2007 07:32

Mercury 4.9 0.20 ug/L 5.00 99 93-111

Matrix Spike (7A26009-MS1)

Source: A700502-03

Prepared: 01/29/2007 11:46 Analyzed: 01/30/2007 07:38

Mercury 5.2 0.20 ug/L 5.00 0.11 U 104 85-115

Matrix Spike Dup (7A26009-MSD1)

Source: A700502-03

Prepared: 01/29/2007 11:46 Analyzed: 01/30/2007 07:41

Mercury 5.2 0.20 ug/L 5.00 0.11 U 105 85-115 0.5 12

Post Spike (7A26009-PS1)

Source: A700502-03

Prepared: 01/30/2007 06:00 Analyzed: 01/30/2007 09:02

Mercury 5.8 0.20 ug/L 4.35 -0.023 135 0-200

Batch 7A26011 - EPA 3005A

Blank (7A26011-BLK1)

Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 18:42

Antimony 2.32 I 5.00 ug/L

Arsenic 0.980 U 10.0 ug/L

Barium 2.90 I 100 ug/L

Beryllium 0.810 U 1.00 ug/L

Cadmium 0.300 U 5.00 ug/L

Chromium 3.79 I 10.0 ug/L

Cobalt 0.260 U 10.0 ug/L

Copper 0.630 U 5.00 ug/L

Iron 6.70 U 100 ug/L

Lead 0.509 I 10.0 ug/L

Nickel 0.632 I 10.0 ug/L

Selenium 1.70 U 10.0 ug/L

Silver 0.200 U 0.500 ug/L

Sodium 0.016 U 1.00 mg/L

Thallium 0.290 U 0.500 ug/L

Vanadium 0.380 U 10.0 ug/L

Zinc 9.32 I 100 ug/L

LCS (7A26011-BS1)

Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 19:47



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A26011 - EPA 3005A

LCS (7A26011-BS1) Continued

Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 19:47

Antimony	552	5.00	ug/L	500		110	85-115			
Arsenic	467	10.0	ug/L	500		93	85-115			
Barium	503	100	ug/L	500		101	85-115			
Beryllium	514	1.00	ug/L	500		103	85-115			
Cadmium	492	5.00	ug/L	500		98	85-115			
Chromium	510	10.0	ug/L	500		102	85-115			
Cobalt	513	10.0	ug/L	500		103	85-115			
Copper	517	5.00	ug/L	500		103	85-115			
Iron	525	100	ug/L	500		105	85-115			
Lead	510	10.0	ug/L	500		102	85-115			
Nickel	510	10.0	ug/L	500		102	85-115			
Selenium	468	10.0	ug/L	500		94	85-115			
Silver	51.3	0.500	ug/L	50.0		103	85-115			
Sodium	5.42	1.00	mg/L	5.00		108	85-115			
Thallium	525	0.500	ug/L	500		105	85-115			
Vanadium	512	10.0	ug/L	500		102	85-115			
Zinc	500	100	ug/L	500		100	85-115			

Matrix Spike (7A26011-MS1)

Source: A700502-03

Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 19:55

Antimony	565	5.00	ug/L	500	2.54	113	70-130			
Arsenic	471	10.0	ug/L	500	0.980 U	94	70-130			
Barium	513	100	ug/L	500	2.97	102	70-130			
Beryllium	520	1.00	ug/L	500	0.810 U	104	70-130			
Cadmium	489	5.00	ug/L	500	0.300 U	98	70-130			
Chromium	495	10.0	ug/L	500	3.60	98	70-130			
Cobalt	507	10.0	ug/L	500	0.260 U	101	70-130			
Copper	514	5.00	ug/L	500	0.630 U	103	70-130			
Iron	523	100	ug/L	500	6.70 U	105	70-130			
Lead	505	10.0	ug/L	500	0.504	101	70-130			
Nickel	512	10.0	ug/L	500	0.720	102	70-130			
Selenium	478	10.0	ug/L	500	1.70 U	96	70-130			
Silver	51.0	0.500	ug/L	50.0	0.200 U	102	70-130			
Sodium	5.61	1.00	mg/L	5.00	0.099	110	70-130			
Thallium	529	0.500	ug/L	500	0.290 U	106	70-130			
Vanadium	513	10.0	ug/L	500	0.380 U	103	70-130			
Zinc	492	100	ug/L	500	7.57	97	70-130			

Matrix Spike Dup (7A26011-MSD1)

Source: A700502-03

Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 20:04

Antimony	568	5.00	ug/L	500	2.54	113	70-130	0.6	20	
Arsenic	470	10.0	ug/L	500	0.980 U	94	70-130	0.2	20	
Barium	518	100	ug/L	500	2.97	103	70-130	1	20	
Beryllium	517	1.00	ug/L	500	0.810 U	103	70-130	0.6	20	
Cadmium	492	5.00	ug/L	500	0.300 U	98	70-130	0.7	20	
Chromium	504	10.0	ug/L	500	3.60	100	70-130	2	20	
Cobalt	499	10.0	ug/L	500	0.260 U	100	70-130	1	20	
Copper	513	5.00	ug/L	500	0.630 U	103	70-130	0.2	20	
Iron	524	100	ug/L	500	6.70 U	105	70-130	0.09	20	
Lead	498	10.0	ug/L	500	0.504	99	70-130	1	20	
Nickel	505	10.0	ug/L	500	0.720	101	70-130	1	20	
Selenium	453	10.0	ug/L	500	1.70 U	91	70-130	5	20	
Silver	51.0	0.500	ug/L	50.0	0.200 U	102	70-130	0.05	20	



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control*Batch 7A26011 - EPA 3005A***Matrix Spike Dup (7A26011-MSD1) Continued** **Source: A700502-03** **Prepared: 01/26/2007 13:51 Analyzed: 02/01/2007 20:04**

Sodium	5.28	1.00	mg/L	5.00	0.099	104	70-130	6	20	
Thallium	515	0.500	ug/L	500	0.290 U	103	70-130	3	20	
Vanadium	514	10.0	ug/L	500	0.380 U	103	70-130	0.07	20	
Zinc	493	100	ug/L	500	7.57	97	70-130	0.3	20	

Post Spike (7A26011-PS1) **Source: A700502-03** **Prepared: 02/01/2007 12:00 Analyzed: 02/01/2007 20:12**

Antimony	55.1	0.500	ug/L	49.5	0.251	111	75-125			
Arsenic	45.7	1.00	ug/L	49.5	0.021	92	75-125			
Barium	49.7	10.0	ug/L	49.5	0.294	100	75-125			
Beryllium	51.6	0.100	ug/L	49.5	0.075	104	75-125			
Cadmium	47.9	0.500	ug/L	49.5	-0.029	97	75-125			
Chromium	50.4	1.00	ug/L	49.5	0.356	101	75-125			
Cobalt	50.4	1.00	ug/L	49.5	0.023	102	75-125			
Copper	50.6	0.500	ug/L	49.5	-0.358	103	75-125			
Iron	52.3	10.0	ug/L	49.5	-0.610	107	75-125			
Lead	49.9	1.00	ug/L	49.5	0.050	101	75-125			
Nickel	49.6	1.00	ug/L	49.5	0.071	100	75-125			
Selenium	45.8	1.00	ug/L	49.5	0.139	92	75-125			
Silver	5.03	0.050	ug/L	4.95	0.018	101	75-125			
Sodium	549	100	ug/L	495	9.84	109	75-125			
Thallium	52.0	0.050	ug/L	49.5	-1.16	107	75-125			
Vanadium	50.4	1.00	ug/L	49.5	-0.184	102	75-125			
Zinc	49.4	10.0	ug/L	49.5	0.749	98	75-125			

Post Spike (7A26011-PS2) **Source: A700502-03RE1** **Prepared: 02/02/2007 12:00 Analyzed: 02/02/2007 18:44**

Beryllium	54.3	0.100	ug/L	49.5	-0.092	110	75-125			
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Classical Chemistry Parameters - Quality Control*Batch 7A25023 - NO PREP***Blank (7A25023-BLK1)** **Prepared & Analyzed: 01/25/2007**

Nitrite as N	0.007 U	0.050	mg/L							
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Blank (7A25023-BLK2) **Prepared & Analyzed: 01/26/2007**

Nitrite as N	0.007 U	0.050	mg/L							
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LCS (7A25023-BS1) **Prepared & Analyzed: 01/25/2007**

Nitrite as N	0.22	0.050	mg/L	0.200		108	90-110			
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LCS (7A25023-BS2) **Prepared & Analyzed: 01/26/2007**

Nitrite as N	0.21	0.050	mg/L	0.200		106	90-110			
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Matrix Spike (7A25023-MS1) **Source: A700502-01** **Prepared & Analyzed: 01/25/2007**

Nitrite as N	0.21	0.050	mg/L	0.200	0.007 U	106	90-110			
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Matrix Spike Dup (7A25023-MSD1) **Source: A700502-01** **Prepared & Analyzed: 01/25/2007**

Nitrite as N	0.21	0.050	mg/L	0.200	0.007 U	106	90-110	0.5	22	
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*Batch 7A29018 - NO PREP***Blank (7A29018-BLK1)** **Prepared: 01/29/2007 18:00 Analyzed: 01/30/2007 17:20**

Total Dissolved Solids	10 U	10	mg/L							
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LCS (7A29018-BS1) **Prepared: 01/29/2007 18:00 Analyzed: 01/30/2007 17:20**

Total Dissolved Solids	300	10	mg/L	300		99	86-118			
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Duplicate (7A29018-DUP1) **Source: A606455-02** **Prepared: 01/29/2007 18:00 Analyzed: 01/30/2007 17:20**

Total Dissolved Solids	3400	10	mg/L	3300				3	10	
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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control*Batch 7A29022 - NA*

Blank (7A29022-BLK1) Prepared: 01/29/2007 16:19 Analyzed: 01/29/2007 17:56

Chloride 0.05 U 1.0 mg/L

LCS (7A29022-BS1) Prepared: 01/29/2007 16:19 Analyzed: 01/29/2007 17:05

Chloride 270 1.0 mg/L 250 110 90-110

Matrix Spike (7A29022-MS1) Source: A700191-01 Prepared: 01/29/2007 16:19 Analyzed: 01/29/2007 18:21

Chloride 260 1.0 mg/L 255 0.41 102 90-110

Matrix Spike Dup (7A29022-MSD1) Source: A700191-01 Prepared: 01/29/2007 16:19 Analyzed: 01/29/2007 18:46

Chloride 250 1.0 mg/L 255 0.41 99 90-110 3 26

Batch 7B06003 - NO PREP

Blank (7B06003-BLK1) Prepared: 02/06/2007 09:07 Analyzed: 02/06/2007 12:08

Nitrate/Nitrite as N 0.003 U 0.050 mg/L

LCS (7B06003-BS1) Prepared: 02/06/2007 09:07 Analyzed: 02/06/2007 14:14

Nitrate/Nitrite as N 0.46 0.050 mg/L 0.500 93 83.8-111

Matrix Spike (7B06003-MS1) Source: A700427-01 Prepared: 02/06/2007 09:07 Analyzed: 02/06/2007 14:20

Nitrate/Nitrite as N 0.82 QM-02 0.050 mg/L 0.500 0.16 132 83.8-111 QM-02

Matrix Spike Dup (7B06003-MSD1) Source: A700427-01 Prepared: 02/06/2007 09:07 Analyzed: 02/06/2007 14:21

Nitrate/Nitrite as N 0.84 QM-02 0.050 mg/L 0.500 0.16 135 83.8-111 2 21 QM-02

Batch 7B06005 - NO PREP

Blank (7B06005-BLK1) Prepared: 02/06/2007 09:15 Analyzed: 02/06/2007 18:49

Ammonia as N 0.003 U 0.020 mg/L

LCS (7B06005-BS1) Prepared: 02/06/2007 09:15 Analyzed: 02/06/2007 18:54

Ammonia as N 1.0 0.020 mg/L 1.00 102 90-110

Matrix Spike (7B06005-MS1) Source: A606494-01 Prepared: 02/06/2007 09:15 Analyzed: 02/06/2007 18:56

Ammonia as N 1.0 0.020 mg/L 1.00 0.042 96 90-110

Matrix Spike Dup (7B06005-MSD1) Source: A606494-01 Prepared: 02/06/2007 09:15 Analyzed: 02/06/2007 18:58

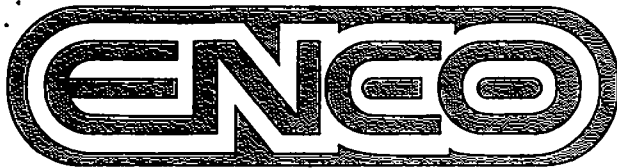
Ammonia as N 0.99 0.020 mg/L 1.00 0.042 95 90-110 1 10

Special Notes

- [1] D = Data reported from a dilution
- [2] I = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- [3] QM- = The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
- [4] QR- = The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- [5] S-04 = The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- [6] U = Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8011 EDB	Water	NELAC	E83182
8260B Appendix I	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7470A	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 353.1	Water	NELAC	E83182
Nitrite as N 354.1	Water	NELAC	E83182
NOX 353.1	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182



ENVIRONMENTAL CONSERVATION LABORATORIES

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Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
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Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE		PROJECT NO.	P.O. NUMBER	MATRIX TYPE		REQUIRED ANALYSIS		PAGE 1	OF 1									
Citrus Co. LF - Permit																		
PROJECT LOC. (State)	SAMPLER(S) NAME		PHONE															
FL	Dan Lichtenwalter		(352) 377-5821															
CLIENT NAME		CLIENT PROJECT MANAGER																
Jones Edmunds + Assoc.		K. Weitz																
CLIENT ADDRESS (CITY, STATE, ZIP)																		
730 NEWALDO RD Gville, FL 32641																		
SAMPLE																		
STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SURFACE WATER	GROUND WATER	WASTEWATER	DRINKING WATER	SOIL/SOLID/SEDIMENT	NONAQUEOUS LIQUID (oil solvent, etc.)	AIR	SLUDGE	OTHER	PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS	
MW-1R	1/24/07	0930	✓		0751CC-1R	✓											7	
MW-AA		1048	✓		-AA	✓												
EQB#2		1128	✓		-EQ2							✓						
MW-6		1241	✓		-6	✓												✓
EFF		1315	✓		-EFF							✓				7		Leachate Effluent
TB#3												✓				2 → 2		✓ Trip Blank #3
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
SAMPLE KIT PREPARED BY:		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME							
JACKSONVILLE ORLANDO								Dan Lichtenwalter		1/19/07	1200							
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME							
Dan Lichtenwalter		1/24/07	1640															
RECEIVED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME							
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT	ENCO LOG NO.	REMARKS												
[Signature]		07	1110	YES	A700502	Shipped Greyhound from Gainesville to Orlando Large Greyhound												

WEEKLY LEACHATE INFLUENT AND EFFLUENT ANALYTICAL RESULTS

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8819

Client CITRUS COUNTY UTILITIES Sample Number E070016
Project LANDFILL LEACHATE PLANT Date/Time Sampled 1/3/07 0815 HRS
Sample Description WWTP/EFF Date/Time Received 1/3/07 0945 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.44	0.3 mg/L	AP	1/4/07 0700 HRS
SM2540-D	TSS	mg/L	5.0	1.0 mg/L	RAC	1/5/07 0800 HRS
SM4500-NO3-E	NITRATE	mg/L	11.0	0.10 mg/L	CK	1/3/07 1030 HRS

Sally Ann Carrillo
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

✓

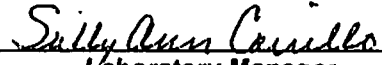
S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8819

Client CITRUS COUNTY UTILITIES **Sample Number** E070069
Project LANDFILL LEACHATE PLANT **Date/Time Sampled** 1/9/07 0715 HRS
Sample Description WWTP/EFF **Date/Time Received** 1/9/07 1120 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	2.44	0.3 mg/L	AP	1/10/07 1400 HRS
SM2540-D	TSS	mg/L	1.0	1.0 mg/L	RAC	1/10/07 0900 HRS
SM4500-NO3-E	NITRATE	mg/L	0.94	0.10 mg/L	CK	1/10/07 1000 HRS


Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8819

Client CITRUS COUNTY UTILITIES Sample Number E070122
Project LANDFILL LEACHATE PLANT Date/Time Sampled 1/16/07 1010 HRS
Sample Description WWTP/INF Date/Time Received 1/6/07 1137 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	202.0	0.3 mg/L	CK	1/18/07 1000 HRS
SM2540-D	TSS	mg/L	164.0	1.0 mg/L	RAC	1/17/07 1000 HRS

Date/Time Sampled 1/16/07 1015 HRS
Date/Time Received 1/16/07 1137 HRS
Sample Description WWTP/EFF

Method	Analytes	Units	Results	% Removal MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	5.10	97.50% 0.3 mg/L	CK	1/18/07 1000 HRS
SM2540-D	TSS	mg/L	<1	100% 1.0 mg/L	RAC	1/17/07 1000 HRS
SM4500-NO3-E	NITRATE	mg/L	0.51	0.10 mg/L	CK	1/18/07 0915 HRS

AMMONIA
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERTIFICATION #E84589/E82574

Sally Ann Casillo
Laboratory Manager

These results relate only to this sample.
For all Results qualified with an I, the PQL is defined to be 4 times the MDL

✓

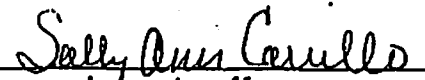
S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8819

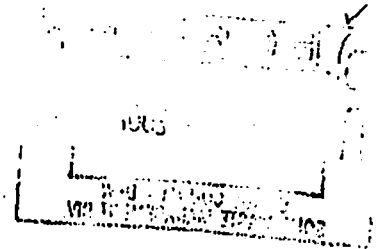
Client	CITRUS COUNTY UTILITIES	Sample Number	E070180
Project	LANDFILL LEACHATE PLANT	Date/Time Sampled	1/24/07 0910 HRS
Sample Description	WWTP/EFF	Date/Time Received	1/24/07 1055 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.77	0.3 mg/L	AP	1/25/07 1700 HRS
SM2540-D	TSS	mg/L	5.5	1.0 mg/L	RAC	1/26/07 0900 HRS
SM4500-NO3-E	NITRATE	mg/L	2.1	0.10 mg/L	CK	1/25/07 0945 HRS


Laboratory Manager

These results relate only to this sample.
For all results qualified with an I, the POL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT



SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8819

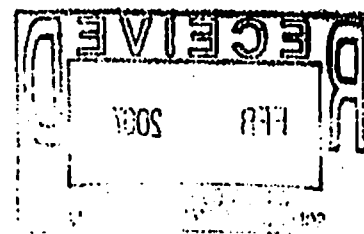
Client CITRUS COUNTY UTILITIES Sample Number E070212
Project LANDFILL LEACHATE PLANT Date/Time Sampled 1/31/07 0825 HRS
Sample Description WWTP/EFF Date/Time Received 1/31/07 1105 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.44	0.3 mg/L	AP	2/1/07 1500 HRS
SM2540-D	TSS	mg/L	2.0	1.0 mg/L	RAC	2/2/07 0900 HRS
SM4500-NO3-E	NITRATE	mg/L	5.1	0.10 mg/L	CK	2/1/07 1000 HRS

Sally Ann Casillo
Laboratory Manager

These results relate only to this sample.
For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT



SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8871

Client CITRUS COUNTY UTILITIES **Sample Number** E070261
Project LANDFILL LEACHATE PLANT **Date/Time Sampled** 2/7/07 0930 HRS
Sample Description WWTP/EFF **Date/Time Received** 2/7/07 1110 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.55	1.4 mg/L	AP	2/8/07 1700 HRS
SM2540-D	TSS	mg/L	1.5	1.0 mg/L	RAC	2/9/07 1030 HRS
SM4500-NO3-E	NITRATE	mg/L	2.0	0.10 mg/L	CK	2/8/07 0930 HRS

Sally Ann Cassella
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8871

Client	CITRUS COUNTY UTILITIES	Sample Number	E070335
Project	LANDFILL LEACHATE PLANT	Date/Time Sampled	2/14/07 1108 HRS
Sample Description	WWTP/INF	Date/Time Received	2/14/07 1220 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	110.00	1.4 mg/L	AP	2/15/07 0730 HRS
SM2540-D	TSS	mg/L	42.0	1.0 mg/L	RAC	2/16/07 1045 HRS

		Date/Time Sampled	2/14/07 1108 HRS
Sample Description	WWTP/EFF	Date/Time Received	2/14/07 1220 HRS

Method	Analytes	Units	Results	% Removal MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.33	98.79% 1.4 mg/L	AP	2/15/07 0730 HRS
SM2540-D	TSS	mg/L	1.0	97.61% 1.0 mg/L	RAC	2/16/07 1045 HRS
SM4500-NO3-E	NITRATE	mg/L	0.62	0.10 mg/L	CK	2/15/07 0930 HRS

AMMONIA
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERTIFICATION #E84589/E82574

Sally Ann Canillo
Laboratory Manager

These results relate only to this sample.
For all Results qualified with an I, the PQL is defined to be 4 times the MDL

✓

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8871

Client CITRUS COUNTY UTILITIES **Sample Number** E070378
Project LANDFILL LEACHATE PLANT **Date/Time Sampled** 2/21/07 1055 HRS
Sample Description WWTP/EFF **Date/Time Received** 2/21/07 1300 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.44	1.4 mg/L	AP	2/22/07 1700 HRS
SM2540-D	TSS	mg/L	<1	1.0 mg/L	RAC	2/23/07 1030 HRS
SM4500-NO3-E	NITRATE	mg/L	2.4	0.10 mg/L	CK	2/23/07 0900 HRS

Sally Ann Camello
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8871

Client CITRUS COUNTY UTILITIES Sample Number E070412
Project LANDFILL LEACHATE PLANT Date/Time Sampled 2/28/07 0455 HRS
Sample Description WWTP/EFF Date/Time Received 2/28/07 1020 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	2.27	1.4 mg/L	AP	3/1/07 1700 HRS
SM2540-D	TSS	mg/L	6.5	1.0 mg/L	RAC	3/2/07 1000 HRS
SM4500-NO3-E	NITRATE	mg/L	0.10	0.10 mg/L	CK	3/1/07 1200 HRS

Sally Ann Casillo
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

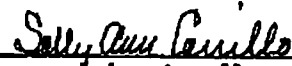
SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8929

Client CITRUS COUNTY UTILITIES Sample Number E070455
Project LANDFILL LEACHATE PLANT Date/Time Sampled 3/7/07 0845 HRS
Sample Description WWTP/EFF Date/Time Received 3/7/07 1320 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	2.49	1.4 mg/L	AP	3/8/07 0830 HRS
SM2540-D	TSS	mg/L	1.5	1.0 mg/L	RAC	3/9/07 1030 HRS

NITRATE
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERT IFICATION #E04509/E02574


Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Sac Environmental Lab

Report No.: T072684

Project Name: Citrus County Utilities

Date/Time Received: 3/8/07 12:16

Lab Code: T072684-01

Date/Time Sampled: 03/07/2007 08:45

Client Sample ID: Effluent

Shipping Method: Client Drop Off

Site: Landfill Leachate Plant

Sampled By: Gerald Nubem

Matrix: Water

Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Nitrate (as N)	1	0.047	0.19	0.49	mg/L		SM4500NO3-F		T

T OOH certification #E54533 (AEL-Tampa) (FL NELAC Certification)

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

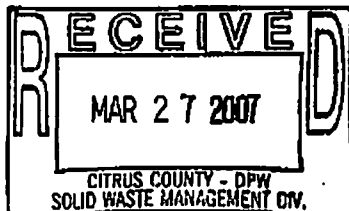
SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8929

Client CITRUS COUNTY UTILITIES Sample Number E070509
Project LANDFILL LEACHATE PLANT Date/Time Sampled 3/14/07 1143 HRS
Sample Description WWTP/EFF Date/Time Received 3/14/07 1300 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	4.56	1.4 mg/L	CK	3/15/07 0900 HRS
SM2540-D	TSS	mg/L	33.0	1.0 mg/L	RAC	3/16/07 1030 HRS

NITRATE
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERTIFICATION #E84589/E82574



Sally Ann Casillo
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

5376 S SUNCOAST BOULEVARD HOMOSASSA FL 34446 352.621.3513 FAX 352.621.3514



**Advanced
Environmental Laboratories, Inc.**

8610 Princess Palm Avenue
Tampa, Florida 33619
(813) 630-6816
FAX (813) 630-4327

Client: Sac Environmental Lab
Project Name: Citrus County Utilities
Project Number:

Report No.: T073006
Date Sampled: 03/14/2007
Date Received: 3/15/07 13:08
Date Reported: 03/22/2007

Attention: Sally Camillo
Phone Number: 352.621.3513

Address: 5376 S. Suncoast Blvd.
Homosassa, FL 34448

Project Description

The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody.

Project Name: Citrus County Utilities

Approved By: 


If there are any questions involving this report, the above named should be contacted.

**THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT
THE WRITTEN APPROVAL OF THE LABORATORY.**

Advanced Environmental Laboratories certifies that the test results in this report meet all requirements of the NELAC standards, unless noted otherwise in the body of the report.

Total Number of Pages = 6

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Sec Environmental Lab
Project Name: Citrus County Utilities

Report No.: T073005

Date/Time Received: 3/15/07 13:08

Lab Code: T073005-01

Client Sample ID: Effluent

Date/Time Sampled: 03/14/2007 11:43

Site: Landfill Leachate Plant

Shipping Method: Client Drop Off

Matrix: Water

Sampled By: Gerald Nesbaum

Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Nitrate (as N)	1	0.047	0.19	0.53	mg/L		SM4500NO3-F		T

T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Sac Environmental Lab
Project Name: Citrus County Utilities

Report No.: T073005
Date/Time Received: 3/15/07 13:08

Sample Cross Reference Information

Lab Code: T073005-01

Client Sample Number: Effluent

Site: Landfill Leachate Plant
Matrix: Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Nitrate (as N)	SM4500NOS-F	NONE	WCT031607N03	03/16/2007 10:54	LSP		

If the Analytical Batch ID and Prep Batch ID is null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Sac Environmental Lab
Project Name: Citrus County Utilities

Report No.: T073005
Date/Time Received: 3/15/07 13:08

Quality Assurance Report
Method Blanks

QC Batch ID	Analyte	Miscellaneous Analytes		MDL	Result	Units	Qualifier
		QC Sample Type	Method				
WCT031607NO3	Nitrate (as N)	Method Blank	SM4500NO3-F		0.047	mg/L	U

Quality Assurance Qualifiers:

U The compound was analyzed for but not detected.

Definitions:

Water matrix refers to all aqueous matrices except drinking water, including but not limited to, wastewater, ground water, surface water, aqueous wastes and leach.
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples.
All results in mg/kg or % are reported in dry weight basis, unless noted otherwise. All results in mg/L are reported in wet weight basis.
MDL: Method Detection Limit, without correction for dilution or moisture content.
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content calculations.
PQL is defined to be 4 times the MDL, for all results qualified with a "T" qualifier.
Sampling Method: G=Grab, P= Pump, C=Composite

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.



Advanced Environmental Labs Inc

 Advanced Environmental Labs
 9610 Princess Palm Ave.
 Tampa, FL 33519
Client: SACProject name: Citrus Co UhhDate/Time Rcvd: 5/15/13 13:05Log-In request number: T073005Received by: [Signature]Completed by: [Signature]**Cooler/Shipping Information:**
 Courier: ☐ AEL ☒ Client ☐ UPS ☐ Blue Streak ☐ FedEx ☐ Other (describe): _____

 Type: ☒ Cooler ☐ Box ☐ Other (describe): _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

pH (if applicable)					
Temp (°C)	0				
Temp taken from	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☒ Sample bottle
Temp measured with	☒ IR gun (ID: 10K) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10K) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10K) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10K) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10K) ☐ Thermometer (enter ID):

Other Information:

Any "NO" responses or discrepancies should be explained in the "Comments" section below.

CHECKLIST

	YES	NO	NA
1. Were custody seals on shipping container(s) intact?			☒
2. Were custody papers properly included with samples?	☒		
3. Were custody papers properly filled out (ink, signed, match labels)?	☒		
4. Did all bottles arrive in good condition (unbroken)?	☒		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	☒		
6. Did the sample labels agree with the chain of custody?	☒		
7. Were correct bottles used for the tests indicated?	☒		
8. Were proper sample preservation techniques indicated on the label?	☒		
9. Were samples received within holding times?	☒		
10. Were all VOA vials checked for the presence of air bubbles?			☒
11. Were there air bubbles present in the VOA vials?			☒
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	☒		
13. Was the cooler temperature less than 6°C?	☒		
14. Were sample pHs checked and recorded by Sample control? NOTE: VOA samples are checked by laboratory analysis.			☒
15. Were the sample containers provided by AEL?	☒		
16. Were samples accepted into the laboratory?	☒		

Comments:

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8929

Client	CITRUS COUNTY UTILITIES			Sample Number	E070551	
Project	LANDFILL LEACHATE PLANT			Date/Time Sampled	3/21/07	0840 HRS
Sample Description	WWTP/INF			Date/Time Received	3/21/07	1105 HRS
Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	201.0	1.4 mg/L	CK	3/22/07 1100 HRS
SM2540-D	TSS	mg/L	24.0	1.0 mg/L	RAC	3/23/07 1015 HRS

Sample Description	WWTP/EFF			Date/Time Sampled	3/21/07	0845 HRS
				Date/Time Received	3/21/07	1105 HRS
Method	Analytes	Units	Results	% Removal MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	4.53	97.7% 1.4 mg/L	CK	3/22/07 1100 HRS
SM2540-D	TSS	mg/L	2.0	91.66% 1.0 mg/L	RAC	3/23/07 1015 HRS

AMMONIA AND NITRATE
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERTIFICATION #E84589/E82574


Laboratory Manager

These results relate only to this sample.

For all Results qualified with an I, the POL is defined to be 4 times the MDL



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Avenue
Tampa, FL 33619
Phone: (813)830-4327
Fax: (813)830-9816

March 30, 2007

Sally Carillo
Sac Environmental Lab
6376 South Suncoast Blvd.
Homesassa, FL 34446

RE: Workorder: T0754248 Citrus County Utilities

Dear Sally Carillo:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, March 22, 2007. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise named in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'm 2 v' followed by a horizontal line.

Melissa Lavigne
mlavigne@aellab.com

Enclosures

Report ID: 755 - 19799

Page 1 of 7

CERTIFICATE OF ANALYSIS

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Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
8610 Princess Palm Avenue
Tampa, FL 33619
Phone: (813) 630-4327
Fax: (813) 630-9616

SAMPLE SUMMARY

Workorder: T0754248 Citrus County Utilities

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T0754248001	Effluent	Water	3/21/2007 08:45	3/22/2007 11:30
T0754248002	Influent	Water	3/21/2007 08:40	3/22/2007 11:30

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Tampa, FL 33619
Phone: (813)630-4327
Fax: (813)630-6616

ANALYTICAL RESULTS

Workorder: T0754248 Citrus County Utilities

Lab ID: T0754248001
Sample ID: Effluent

Date Received: 3/22/2007 11:30 Matrix: Water
Date Collected: 3/21/2007 08:45

Parameters	Results Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	By	Lab
WET CHEMISTRY								
Analysis Desc: Nitrate, SM4500NO3F, Water	Analytical Method: SM 4500NO3-F							
Nitrate	0.047 mg/L	U	1	0.20	0.047	3/22/2007 13:22	ENE	T

Lab ID: T0754248002
Sample ID: Influent

Date Received: 3/22/2007 11:30 Matrix: Water
Date Collected: 3/21/2007 08:40

Parameters	Results Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	By	Lab
WET CHEMISTRY								
Analysis Desc: Ammonia, E350.1, Water	Analytical Method: EPA 350.1							
Ammonia	350 mg/L		200	18	7.8	3/28/2007 13:13	ENE	T

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Advanced Environmental Laboratories, Inc.
8610 Princess Palm Avenue
Tampa, FL 33618
Phone: (813)830-4327
Fax: (813)830-9616

ANALYTICAL RESULTS QUALIFIERS

Workorder: T0754248 Citrus County Utilities

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

CERTIFICATE OF ANALYSIS

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Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
8510 Princess Palm Avenue
Tampa, FL 33618
Phone: (813)830-4327
Fax: (813)830-9816

QUALITY CONTROL DATA

Workorder: T0754248 Citrus County Utilities

QC Batch:	WCA/1049	Analysis Method:	SM 4500NO3-F			
QC Batch Method:	SM 4500NO3-F	Prepared:	By:			
Associated Lab Samples:	T0754243001	T0754244001	T0754245001	T0754248001	T0754247001	T0754248001

METHOD BLANK: 2605

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Nitrate	mg/L	0.047U	0.047

CERTIFICATE OF ANALYSIS

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8810 Princess Palm Avenue
Tampa, FL 33619
Phone: (813)830-4327
Fax: (813)830-9816

QUALITY CONTROL DATA

Workorder: T0754248 Citrus County Utilities

QC Batch:	WCAW1083	Analysis Method:	EPA 350.1	
QC Batch Method:	EPA 350.1	Prepared:		By:
Associated Lab Samples:	T0754127001	T0754173001	T0754198001	T0754248002 T0754275001

METHOD BLANK: 3313

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Ammonia	mg/L	0.039U	0.039

CERTIFICATE OF ANALYSIS

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Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Avenue
Tampa, FL 33619
Phone: (813)830-4327
Fax: (813)830-9616

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T0754248 Citrus County Utilities

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
T0754248001	Effluent	SM 4500NO3-F	WCAW/1049		
T0754248002	Influent	EPA 350.1	WCAW/1053		

CERTIFICATE OF ANALYSIS

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Advanced Environmental Labs Inc

 Advanced Environmental Labs
 9610 Princess Palm Ave.
 Tampa, FL 33619
Client: SACProject name: Cit. Co. Ut.Date/Time Rcvd: 3/22/07 1130Log-In request number: T0754248Received by: AKCompleted by: AK**Cooler/Shipping Information:**
 Courier: ☐ AEL ☒ Client ☐ UPS ☐ Blue Streak ☐ FedEx ☐ Other (describe): _____

 Type: ☒ Cooler ☐ Box ☐ Other (describe): _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

pH (If applicable)					
Temp (°C)	<u>0°C</u>				
Temp taken from	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle
Temp measured with	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):

Other Information:

Any "NO" responses or discrepancies should be explained in the "Comments" section below.

CHECKLIST

	YES	NO	NA
1. Were custody seals on shipping container(s) intact?			
2. Were custody papers properly included with samples?			
3. Were custody papers properly filled out (ink, signed, match labels)?			
4. Did all bottles arrive in good condition (unbroken)?			
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?			
6. Did the sample labels agree with the chain of custody?			
7. Were correct bottles used for the tests indicated?			
8. Were proper sample preservation techniques indicated on the label?			
9. Were samples received within holding times?			
10. Were all VOA vials checked for the presence of air bubbles?			
11. Were there air bubbles present in the VOA vials?			
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE			
13. Was the cooler temperature less than 6°C?			
14. Were sample pHs checked and recorded by Sample control? <i>NOTE: VOA samples are checked by laboratory analysts.</i>			
15. Were the sample containers provided by AEL?			
16. Were samples accepted into the laboratory?			

Comments:

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 8929

Client CITRUS COUNTY UTILITIES Sample Number E070597
Project LANDFILL LEACHATE PLANT Date/Time Sampled 3/28/07 0920 HRS
Sample Description WWTP/EFF Date/Time Received 3/28/07 1030 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.94	1.4 mg/L	AP	3/29/07 1700 HRS
SM2540-D	TSS	mg/L	3.00	1.0 mg/L	RAC	3/30/07 1015 HRS

NITRATE
SUB TO
ADVANCED ENVIRONMENTAL LABORATORIES
DHRS CERTIFICATION #E84589/E82574

Sally Ann Cassella
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

5376 S SUNCOAST BOULEVARD HOMOSASSA FL 34446 352.621.3513 FAX 352.621.3514

From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:26 #298 P.001/008



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
6610 Pinnacle Point Avenue
Tampa, FL 33619
Phone: (813) 630-4327
Fax: (813) 630-9616

April 12, 2007

Sally Carlin
Soc Environmental Lab
5376 South Suncoast Blvd.
Homesassa, FL 34448

RE: Workorder: T0784033 Citrus County Utilities

Dear Sally Carlin,

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, March 29, 2007. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise stated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tamara Haslin for
Melissa Lavigne
mlavigne@aetlab.com

Enclosures

Report ID: 1289 - 43093

Page 1 of 6

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From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:26 #298 P.002/008

**Advanced
Environmental Laboratories, Inc.**

Advanced Environmental Laboratories, Inc.
6510 Princess Palm Avenue
Tampa, FL 33619
Phone: (813) 630-4327
Fax: (813) 630-4610

SAMPLE SUMMARY

Workorder: T0754633 Citrus County Utilities

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T0754633001	Effluent	Water	3/28/2007 09:20	3/29/2007 10:16

Report ID: 1289 - 43083

Page 2 of 6

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04/12/2007 10:26 #298 P.003/008

**Advanced
Environmental Laboratories, Inc.**

Advanced Environmental Laboratories, Inc.
9810 Princess Palm Avenue
Tampa, FL 33619
Phone: (813) 630-4327
Fax: (813) 630-9818

ANALYTICAL RESULTS

Workorder: T0754533 Citrus County Utilities

Lab ID: T0754533001

Date Received: 3/28/2007 10:15 Matrix: Water

Sample ID: Effluent

Date Collected: 3/28/2007 08:20

Parameters	Results Units	Qual	DF	Adjusted POL	Adjusted MDL	Analyzed	By	Lab
WET CHEMISTRY								
Nitrate	1.0 mg/L		5	1.0	0.24	3/28/2007 13:33	ENE	T

Report ID: 1289 43083

Page 3 of 6

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From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:26 #298 P.004/008



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
0610 Princess Palm Avenue
Tampa, FL 33610
Phone: (813) 630-4327
Fax: (813) 630-0616

ANALYTICAL RESULTS QUALIFIERS

Workorder: T0754533 Citrus County Utilities

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- T DOH Certification #B3458B(AEL-T)(FL NELAQ Certification)

Report ID: 1269 - 43093

Page 4 of 6

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From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:26 #298 P.005/008

Advanced
Environmental Laboratories, Inc.Advanced Environmental Laboratories, Inc.
6810 Pembroke Park Avenue
Tampa, FL 33619
Phone: (813) 630-4327
Fax: (813) 630-0618

QUALITY CONTROL DATA

Workorder: T0764533 Citrus County Utilities

QC Batch:	WCAW1134	Analysis Method:	SM 4500NO3-F			
QC Batch Method:	SM 4500NO3-F	Prepared:		By:		
Assigned Lab Samples:	A0764182001 T0764533001	A0764197001 T0764534001	A0764199001 A0764202001	T0764531001	T0764532001	

METHOD BLANK: 4/70

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Nitrate	mg/L	0.047U	0.047

Report ID 1299 - 43083

Page 3 of 8

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From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:27 #298 P.006/008

Advanced
Environmental Laboratories, Inc.Advanced Environmental Laboratories, Inc.
0610 Princess Palm Avenue
Tampa, FL 33610
Phone: (813) 630-4327
Fax: (813) 630-9616

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T0754533 Citrus County USHWs

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
T0754533001	EMusst	SM 4500ND3-F	WCAJ1134		

Report ID: 1269 - 43093

Page 6 of 6

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From: ADVANCED ENVIRONMENTAL LABS 813 630 4327

04/12/2007 10:27 #298 P.007/008



Advanced Environmental Labs Inc

 Advanced Environmental Labs
 9610 Princess Palm Ave.
 Tampa, FL 33619

Client:

SAC

Project name:

Cit. Co. Wt.

Date/Time Rcvd:

3/29/07 10:15

Log-in request number:

TD754533

Received by:

ph

Completed by:

me

Cooler/Shipping Information:
 Courier: ☐ AEL ☒ Client ☐ UPS ☐ Blue Streak ☐ FedEx ☐ Other (describe):

 Type: ☒ Cooler ☐ Box ☐ Other (describe):

Cooler temperature Identify the cooler and document the temperature blank or ice water measurement

pH (if applicable)					
Temp (°C)	0°				
Temp taken from	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle
Temp measured with	☒ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):

Other Information:

Any "NO" responses or discrepancies should be explained in the "Comments" section below.

	CHECKLIST	YES	NO	NA
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15	Were the sample containers provided by AEL?			
16	Were samples accepted into the laboratory?			

Comments:

Lynne McDaniel

From: David Camacho [dcamacho@encolabs.com]
Sent: Wednesday, April 11, 2007 11:25 AM
To: Lynne McDaniel
Subject: Leesburg Sanit LF enco-report
Attachments: A701014 FINAL ENVIRODATA.xls; A701014 FINAL.pdf; A701014 FINAL.xls

Lynne,

Attached you will find your report for your Leesburg Sanit Landfill project. Please let me know if you need anything else.

Thanks
David

David M Camacho
Project Manager
Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando, FL 32824
(407) 826-5314 ph
(407) 850-6945 fax

dcamacho@encolabs.com

04/13/07