

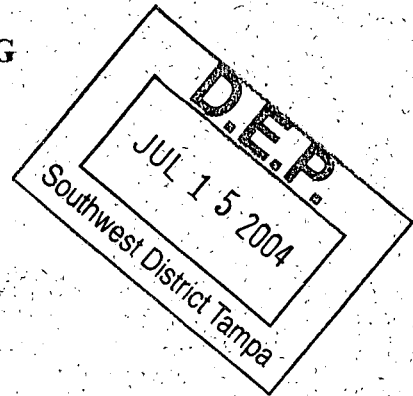
Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
SECOND QUARTER 2004
AIR AND LEACHATE SAMPLING
Conducted for
Mr. TOMMY HURST
July 13, 2004**



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Central Testing Laboratory

EB-0002407

Engineering and Materials Testing

Reply to:

July 13, 2004

Leesburg

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

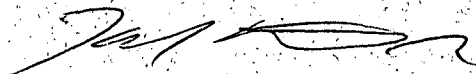
Re: Scrubber & Bio-filter Test Results
Sumter County Solid Waste Management Facility
Second Quarter 2004

Dear Mr. Hurst:

Central Testing Laboratory (CTL) has completed the second quarter air and scrubber water sampling as required by the composting permit. These samples were taken on June 28, 2004. The air was sampled prior to entering the scrubber, "A1", and at the outlet of the bio-filter "A2". The air samples were tested for BTEX and TRPH. The results are attached for your use.

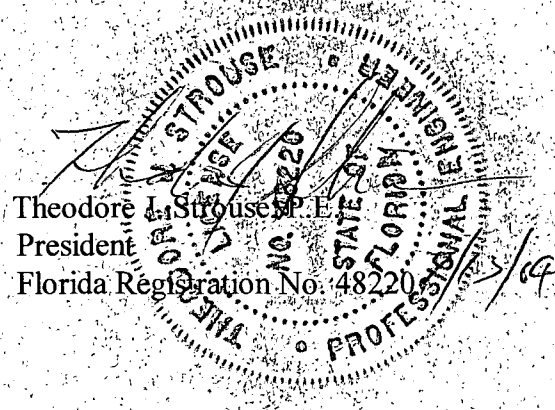
If you should need additional information or have questions concerning the report, please feel free to contact our office.

Sincerely,
CENTRAL TESTING LABORATORY



Karl Retherford Jr.
Environmental Technician

Theodore L. Strouse, P.E.
President
Florida Registration No. 48220



Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Tommy Hurst

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

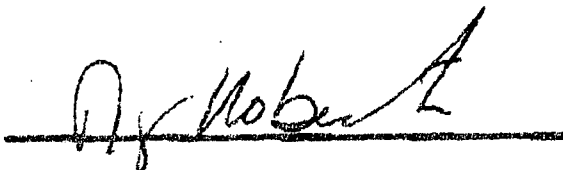


Analytical Report

For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: 8423200
SDG Number:
Client Project ID:
Project: SCPW Landfill
Report Date: 07/09/2004
Sampled By: Client
Sample Received Date: 06/28/2004
Requisition Number:
Purchase Order: 2255



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B423200
Date Received: 06/28/2004

Client: Central Testing Laboratories
Project: SCPW Landfill

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
A-1 OUTSIDE AIR	B423200*1	Air	06/28/2004 13:40
A-2 SCRUBBED AIR	B423200*2	Air	06/28/2004 13:45
LEACHEC	B423200*3	Liquid	06/28/2004 13:50

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG
23200-1	A-1 OUTSIDE AIR	Air	06/28/04	06/28/04 13:40	
23200-2	A-2 SCRUBBED AIR	Air	06/28/04	06/28/04 13:45	

Parameter	Units	Lab Sample IDs	
		23200-1	23200-2
Volatiles			
Benzene	mg/m3	1.00	1.00
Toluene	mg/m3	1.00	2.5
Ethylbenzene	mg/m3	1.00	1.00
m,p-Xylene	mg/m3	1.00	1.00
o-Xylene	mg/m3	1.00	1.00
Total Hydrocarbons	mg/m3	100	100
Dilution Factor		1	1
Analysis Date		06/29/04	06/29/04
Batch ID		0629G	0629G

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23200-3	LEACHEC	Liquid	06/28/04	06/28/04 13:50	

Parameter	Units	Lab Sample IDs
		23200-3

Corrosivity-pH (EPA Method 9040) (9040)

Corrosivity-pH (EPA Method 9040)	units	7.3
Dilution Factor		1
Analysis Date		06/28/04
Batch ID		0628A

Ignitability - Flash Point (1010)

Ignitability - Flash Point	degrees F	>140
Dilution Factor		1
Analysis Date		07/06/04
Batch ID		0706WH

Total Releasable Cyanide (SW7.3.3.2)

Total Releasable Cyanide	mg HCN/kg	100U
Dilution Factor		1
Prep Date		06/30/04
Analysis Date		06/30/04
Batch ID		0630A

Total Releasable Sulfide (SW7.3.4.2)

Total Releasable Sulfide	mg H2S/kg	50U
Dilution Factor		1
Prep Date		06/30/04
Analysis Date		06/30/04
Batch ID		0630A

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23200-4	Method Blank	Liquid	06/28/04		
23200-5	Accuracy (%Rec)	Liquid	06/28/04		
23200-6	LCS Accuracy Control Limit (%R)	Liquid	06/28/04		
23200-7	Precision (%RPD)	Liquid	06/28/04		
23200-8	LCS Precision Control Limit (Advisory) %RPD	Liquid	06/28/04		

Parameter	Units	Lab Sample IDs				
		23200-4	23200-5	23200-6	23200-7	23200-8

Corrosivity-pH (EPA Method 9040) (9040)

Corrosivity-pH (EPA Method 9040)	units	5.9	98 %	63-158 %	0 %	<40 %
Dilution Factor		1				
Analysis Date		06/28/04	06/28/04		06/28/04	
Batch ID		0628A	0628A		0628A	

Total Releasable Cyanide (SW7.3.3.2)

Total Releasable Cyanide	mg HCN/kg	100U	---	---	---	---
Dilution Factor		1				
Prep Date		06/30/04				
Analysis Date		06/30/04				
Batch ID		0630A				

Total Releasable Sulfide (SW7.3.4.2)

Total Releasable Sulfide	ug H2S/kg	50U	---	---	---	---
Dilution Factor		1				
Prep Date		06/30/04				
Analysis Date		06/30/04				
Batch ID		0630A				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23200-9	Practical Quantitation Limit (PQL)	Liquid	06/28/04		
23200-10	Method Detection Limit (MDL)	Liquid	06/28/04		

Parameter	Units	Lab Sample IDs	
		23200-9	23200-10
Total Releasable Cyanide (SW7.3.3.2)			
Total Releasable Cyanide	mg HCN/kg	100	
Total Releasable Sulfide (SW7.3.4.2)			
Total Releasable Sulfide	mg H2S/kg	50	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG
23200-11	Method Blank	QC-A	06/28/04		
23200-12	Accuracy (XRec)	QC-A	06/28/04		
23200-13	LCS Accuracy Control Limit (XRC)	QC-A	06/28/04		
23200-14	Precision (XRPD)	QC-A	06/28/04		
23200-15	LCS Precision Control Limit (Advisory) (XRPD)	QC-A	06/28/04		

Parameter	Units	Lab Sample IDs				
		23200-11	23200-12	23200-13	23200-14	23200-15
Volatiles						
Benzene	mg/m3	1.00	76 %	60-140 %	5.3 %	<25 %
Toluene	mg/m3	1.00	76 %	60-140 %	6.6 %	<25 %
Ethylbenzene	mg/m3	1.00	77 %	60-140 %	2.6 %	<25 %
m,p-Xylene	mg/m3	1.00				
o-Xylene	mg/m3	1.00	78 %	60-140 %	1.3 %	<25 %
Total Hydrocarbons	mg/m3	100				
Dilution Factor		1				
Analysis Date		06/29/04	06/29/04		06/29/04	
Batch ID		0629C	0629G		0629G	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23200-16	Practical Quantitation Limit (PQL)	QC-A	06/28/04		
23200-17	Method Detection Limit (MDL)	QC-A	06/28/04		

Parameter	Units	Lab Sample IDs	
		23200-16	23200-17
Volatiles			
Benzene	mg/m3	1.0	1.0
Toluene	mg/m3	1.0	1.0
Ethylbenzene	mg/m3	1.0	1.0
m,p-Xylene	mg/m3	1.0	1.0
o-Xylene	mg/m3	1.0	1.0
Total hydrocarbons	mg/m3	10	10

Order Number: B423200

Methods: EPA 600/4-79-020, Standard Methods, 600/4-77-027B, FDEP
DOH Certification #: E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

Reactive cyanide and reactive sulfide subcontracted to
STL Savannah, 5102 LaRoche Ave., Savannah, GA 31404
Phone #912/354-7858. DOH Certification #E87052

Serial Number 01441

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



STL

B423200

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>Scan Landfill</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATERIAL TYPE	REQUIRED ANALYSIS	PAGE	OF
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER <i>2255</i>	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	<input type="checkbox"/> STANDARD REPORT DELIVERY DATE DUE _____ <input type="checkbox"/> EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE _____ NUMBER OF COOLERS SUBMITTED PER SHIPMENT:		
CLIENT (SITE) PM <i>Karl Neetherford</i>	CLIENT PHONE <i>352-282-2600</i>	CLIENT FAX <i>352-722-2244</i>	AQUEOUS (WATER)			
CLIENT NAME <i>Leach Testing Labs</i>	CLIENT E-MAIL <i>environment@leach</i>		SOLID OR SEMISOLID			
CLIENT ADDRESS <i>223 S 14th St Leach FL 34481</i>	COMPANY CONTRACTING THIS WORK (if applicable)		AIR			

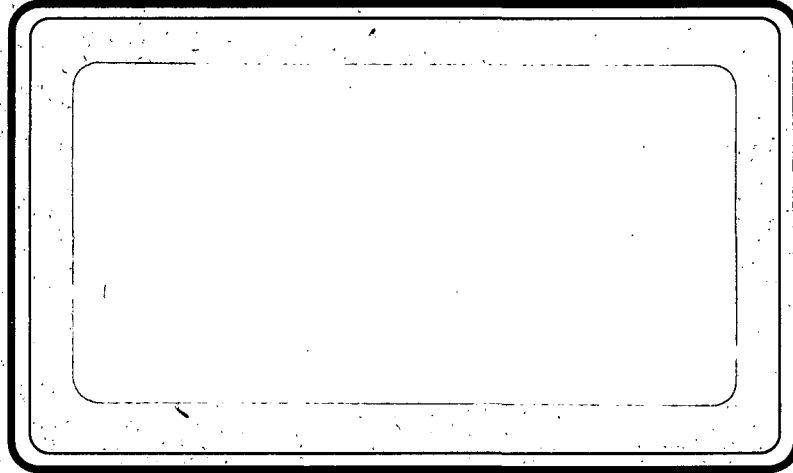
NONAQUEOUS LIQUID (OL, SOLVENT, ...)
BTX, TPH
Conductivity, Specific Gravity
Resistivity

SAMPLE		SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED						REMARKS
DATE	TIME								
	<i>140</i>	<i>A-1 Outside Air</i>							
	<i>145</i>	<i>A-2 Scrubbed Air</i>							
	<i>150</i>	<i>Leach</i>							

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/29/04</i>	TIME <i>14:25</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/28/04</i>	TIME <i>15:55</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/28/04</i>	TIME <i>14:25</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/28/04</i>	TIME <i>15:55</i>

RECEIVED FOR LABORATORY BY: <i>[Signature]</i>	DATE <i>6/28/04</i>	TIME <i>16:35</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO <i>NP</i>	STL TAMPA LOG NO. <i>B423200</i>	LABORATORY REMARKS
---	------------------------	----------------------	--	------------------------------	--	--------------------

TOTAL P. 10



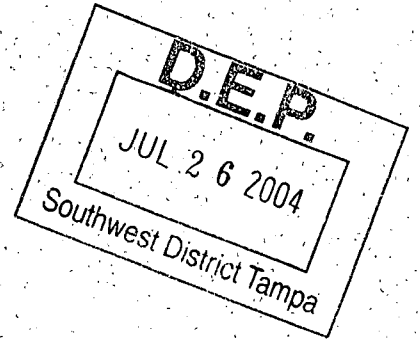
Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
SECOND QUARTER 2004
SCRUBBER WATER SAMPLING
Conducted for
Mr. TOMMY HURST
July 23, 2004**



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

July 23, 2004

Leesburg

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

Re: Scrubber Water Test Results
Sumter County Solid Waste Management Facility
Second Quarter 2004



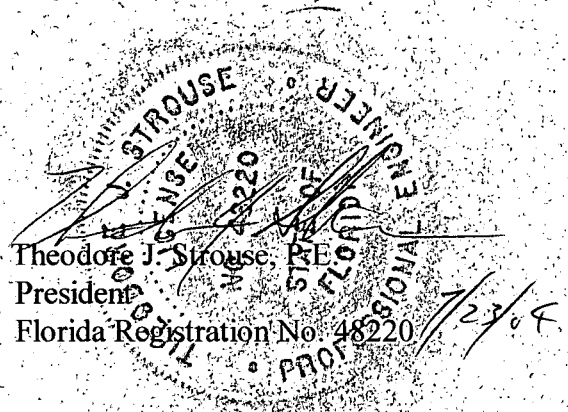
Dear Mr. Hurst:

Central Testing Laboratory (CTL) has completed the second quarter air and scrubber water sampling as required by Permit No. 126940-010-SO. These samples were taken on June 28, 2004. A Toxicity Characteristic Leaching Procedure (TCLP) was performed in accordance with e-CFR 261.24 Toxicity characteristic. All results were below acceptable limits.

If you should need additional information or have questions concerning the report, please feel free to contact our office.

Sincerely,
CENTRAL TESTING LABORATORY

Karl Retherford Jr.
Environmental Technician



5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

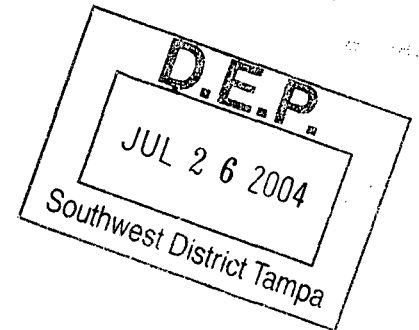


Analytical Report

For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: B423261
SDG Number:
Client Project ID:
Project: SCPW Landfill
Report Date: 07/19/2004
Sampled By: Client
Sample Received Date: 06/30/2004
Requisition Number:
Purchase Order: 2263



A handwritten signature in black ink, appearing to read "Nancy Robertson", written over a horizontal line.

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Sample Summary

Order: B423261
Date Received: 06/30/2004

Client: Central Testing Laboratories
Project: SCPW Landfill

Client Sample ID
AIR SCRUBBER

Lab Sample ID
B423261*1

Matrix
Liquid

Date Sampled
06/30/2004 10:20

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23261-1	AIR SCRUBBER	Liquid	06/30/04	06/30/04 10:20	

Parameter	Units	Lab Sample IDs
		23261-1

Volatiles in ZHE TCLP Extract (8260)

Benzene (TCLP) mg/l *F71

Pesticides in TCLP extract (8081)

Chlordane (TCLP) mg/l 0.025U
 Endrin (TCLP) mg/l 0.0050U
 Heptachlor (TCLP) mg/l 0.0025U
 Lindane (g-BHC) (TCLP) mg/l 0.0025U
 Methoxychlor (TCLP) mg/l 0.025U
 Toxaphene (TCLP) mg/l 0.25U
 Heptachlor epoxide (TCLP) mg/l 0.0025U

Surrogate -
 Tetrachloro-m-xylene (TCX) * % 48 %

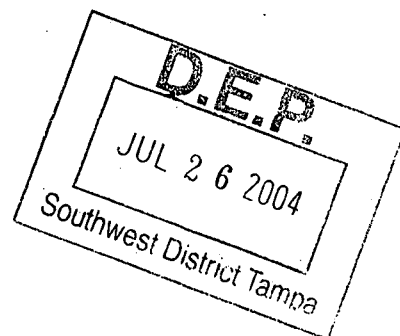
Surrogate -
 Decachlorobiphenyl (DCB) * % 44 %

Dilution Factor 1
 Prep Date 07/08/04
 Analysis Date 07/13/04
 Batch ID 07080

Metals in TCLP (6010)

Arsenic (TCLP) mg/l 0.20U
 Barium (TCLP) mg/l 1.0U
 Cadmium (TCLP) mg/l 0.10U
 Chromium (TCLP) mg/l 0.20U
 Lead (TCLP) mg/l 0.20U
 Selenium (TCLP) mg/l 0.50U
 Silver (TCLP) mg/l 0.10U

Dilution Factor 5
 Prep Date 07/08/04
 Analysis Date 07/09/04
 Batch ID 40708K



Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23261-1	AIR SCRUBBER	Liquid	06/30/04	06/30/04 10:20	

Parameter	Units	Lab Sample IDs
		23261-1

Mercury in TCLP Extract (7470)

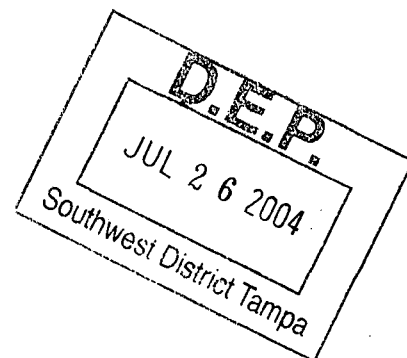
Mercury in TCLP Extract	mg/l	0.020U
Dilution Factor		1
Prep Date		07/07/04
Analysis Date		07/07/04
Batch ID		40707U

Herbicides in TCLP (8151)

2,4-D (TCLP)	mg/l	0.025U
2,4,5-TP (Silvex) (TCLP)	mg/l	0.025U
Surrogate-2,4-Dichlorophenyl acetic acid (DCAA) *	%	125 %
Dilution Factor		1
Prep Date		07/08/04
Analysis Date		07/16/04
Batch ID		0708P

Semivolatiles in TCLP Extract (8270)

Cresol o,m,p (TCLP)	mg/l	0.88
1,4-Dichlorobenzene (TCLP)	mg/l	0.0064I
2,4-Dinitrotoluene (TCLP)	mg/l	0.0020U
Hexachlorobenzene (TCLP)	mg/l	0.0095U
Hexachlorobutadiene (TCLP)	mg/l	0.0018U
Hexachloroethane (TCLP)	mg/l	0.0016U
Nitrobenzene (TCLP)	mg/l	0.0016U
Pentachlorophenol (TCLP)	mg/l	0.020U
2,4,5-Trichlorophenol (TCLP)	mg/l	0.0037U
2,4,6-Trichlorophenol (TCLP)	mg/l	0.0018U
Pyridine (TCLP)	mg/l	0.0046U



STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23261-1	AIR SCRUBBER	Liquid	06/30/04	06/30/04 10:20	

Parameter	Units	Lab Sample IDs
		23261-1

Semivolatiles in TCLP Extract (8270)

Surrogate - Phenol-d5 *	%	98 %
Surrogate - 2-Fluorophenol *	%	82 %
Surrogate - 2,4,6-Tribromophenol *	%	100 %
Surrogate - Nitrobenzene-d5 *	%	108 %
Surrogate - 2-Fluorobiphenyl *	%	100 %
Surrogate - Terphenyl-d14 *	%	96 %
Dilution Factor		1
Prep Date		07/07/04
Analysis Date		07/12/04
Batch ID		0707A

D.E.P.
JUL 26 2004
Southwest District Tampa

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Order Number: B423261

Methods: EPA SW-846, FDEP
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
The estimated uncertainty associated with these reported results is available upon request.

TCLP volatiles analysis subcontracted to
STL Pensacola: 3355 McLemore Drive, Pensacola, Florida 32514.
DOH Certification #: E81010. Phone Number: 850/474-1001.

*F71 = Subcontracted results are attached to this report.

Analytical Report

For: Ms. Nancy Robertson
STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33635

CC:

Order Number: C407010
SDG Number:
Client Project ID:
Project: B423261
Report Date: 07/13/2004
Sampled By: Client
Sample Received Date: 07/01/2004
Requisition Number:
Purchase Order: B423261



Lance Larson, Project Manager

llarson@stl-inc.com

07/13/2004

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: C407010
Date Received: 07/01/2004

Client: STL Tampa
Project: B423261

Client Sample ID
AIR SCRUBBER

Lab Sample ID
C407010*1

Matrix
Liquid

Date Sampled
06/30/2004 10:20

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
07010-1	AIR SCRUBBER	Liquid	07/01/04	06/30/04 10:20	

Parameter	Units	Lab Sample IDs
		07010-1

Volatiles in ZHE TCLP Extract (8260B)

Benzene (TCLP)	mg/l	0.0050U
Carbon tetrachloride (TCLP)	mg/l	0.0050U
Chlorobenzene (TCLP)	mg/l	0.0038U
Chloroform (TCLP)	mg/l	0.0045U
1,4-Dichlorobenzene (TCLP)	mg/l	0.0061
1,2-Dichloroethane (TCLP)	mg/l	0.0037U
1,1-Dichloroethylene (TCLP)	mg/l	0.0046U
Methyl ethyl ketone (TCLP)	mg/l	0.67
Tetrachloroethylene (TCLP)	mg/l	0.0055U
Trichloroethylene (TCLP)	mg/l	0.0037U
Vinyl chloride (TCLP)	mg/l	0.0050U
Surrogate -		
Dibromofluoromethane *	%	98 %
Surrogate - Toluene-d8 *	%	100 %
Surrogate -		
4-Bromofluorobenzene *	%	91 %
Dilution Factor		5
Prep Date		07/08/04
Analysis Date		07/08/04
Batch ID		LET104D
Prep Method		5030B
Analyst		WD

TCLP Extraction, Volatiles (ZHE) (1311)

Phases *	%	1
% that passes 9.5 mm sieve *	%	100
Prep Date		07/06/04
Batch ID		ZHE054
Prep Method		1311
Analyst		JRB

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
07010-2	Method Blank	Liquid	07/01/04		
07010-3	Accuracy (%Rec)	Liquid	07/01/04		
07010-4	LCS Accuracy Control Limit (%R)	Liquid	07/01/04		
07010-5	Precision (%RPD) MS/MSD	Liquid	07/01/04		
07010-6	MS Precision Advisory Limit (%RPD)	Liquid	07/01/04		

Parameter	Units	Lab Sample IDs				
		07010-2	07010-3	07010-4	07010-5	07010-6

Volatiles in ZHE TCLP Extract (8260B)

Benzene (TCLP)	mg/l	0.0050U	97 %	83-110	3	11
Carbon tetrachloride (TCLP)	mg/l	0.025U	91 %	62-124	3	12
Chlorobenzene (TCLP)	mg/l	0.025U	98 %	79-122	3	11
Chloroform (TCLP)	mg/l	0.025U	100 %	83-120	1	14
1,4-Dichlorobenzene (TCLP)	mg/l	0.025U	97 %	65-134	2	20
1,2-Dichloroethane (TCLP)	mg/l	0.025U	91 %	76-131	3	12
1,1-Dichloroethylene (TCLP)	mg/l	0.025U	96 %	82-113	1	20
Methyl ethyl ketone (TCLP)	mg/l	0.25U	64 %	1-187	4	31
Tetrachloroethylene (TCLP)	mg/l	0.025U	91 %	65-126	1	15
Trichloroethylene (TCLP)	mg/l	0.025U	97 %	77-116	0	12
Vinyl chloride (TCLP)	mg/l	0.025U	100 %	65-126	2	17
Surrogate -						
Dibromofluoromethane *	%	104 %	105 %	69-130		
Surrogate - Toluene-d8 *	%	97 %	100 %	86-116		
Surrogate -						
4-Bromofluorobenzene *	%	93 %	101 %	83-126		
Dilution Factor		1				
Prep Date		07/08/04				
Analysis Date		07/08/04				
Batch ID		LET104D			LET104	
Prep Method		5030B				
Analyst		WD				

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
07010-7	Reporting Limit (RL)	Liquid	07/01/04		
07010-8	Method Detection Limit (MDL)	Liquid	07/01/04		

Parameter	Units	Lab Sample IDs	
		07010-7	07010-8

Volatiles in ZHE TCLP Extract (82608)

Benzene (TCLP)	mg/l	0.0010	0.0010
Carbon tetrachloride (TCLP)	mg/l	0.0050	0.0010
Chlorobenzene (TCLP)	mg/l	0.0050	0.00076
Chloroform (TCLP)	mg/l	0.0050	0.00090
1,4-Dichlorobenzene (TCLP)	mg/l	0.0050	0.0012
1,2-Dichloroethane (TCLP)	mg/l	0.0050	0.00074
1,1-Dichloroethylene (TCLP)	mg/l	0.0050	0.00091
Methyl ethyl ketone (TCLP)	mg/l	0.050	0.0031
Tetrachloroethylene (TCLP)	mg/l	0.0050	0.0011
Trichloroethylene (TCLP)	mg/l	0.0050	0.00074
Vinyl chloride (TCLP)	mg/l	0.0050	0.0010

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

**SEVERN
TRENT**

STL

42 3261

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>SCPW Landfill</i>		PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	OF
SAMPLER'S SIGNATURE <i>[Signature]</i>		P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...) <i>TCLP 8260, 8251, 8270, 8251 TCLP metals</i>	PRESERVATIVE										STANDARD REPORT DELIVERY <input type="radio"/>	
CLIENT (SITE) PM <i>Karl Retherford Jr.</i>		CLIENT PHONE <i>352-787-1268</i>	CLIENT FAX <i>352-728-2245</i>												DATE DUE _____	
CLIENT NAME <i>Central Tasting Lab</i>		CLIENT E-MAIL <i>enviroct@aol.com</i>													EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	
CLIENT ADDRESS <i>723 S 14th Street Leesbury, FL 34748</i>		COMPANY CONTRACTING THIS WORK (if applicable)													DATE DUE _____	
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:		NUMBER OF CONTAINERS SUBMITTED										REMARKS				
SAMPLE		SAMPLE IDENTIFICATION														
DATE	TIME															
<i>06/30/04</i>	<i>1020</i>	<i>Air Scrubber</i>										<i>7</i>				

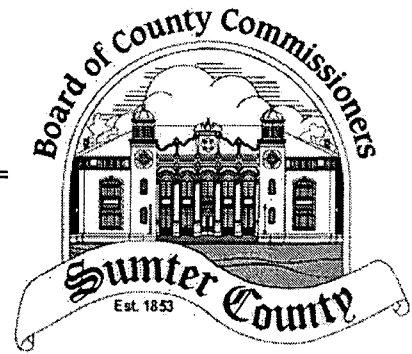
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
EMPTY CONTAINERS				<i>6/30/04</i>	<i>1110</i>	<i>Barbara Crum</i>	<i>6/30/04</i>	<i>1300</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
EMPTY CONTAINERS			<i>Barbara Crum</i>	<i>6/30</i>	<i>1110</i>	<i>[Signature]</i>	<i>6/30/04</i>	<i>1300</i>

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>		DATE	TIME	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. <i>15</i>	STL TAMPA LOG IN NO. <i>0423261</i>	LABORATORY REMARKS <i>300</i>
		<i>6/30/04</i>	<i>1513</i>				

Board of County Commissioners

Sumter County, Florida

209 North Florida Street, Suite 3 • Bushnell, FL 33513-6146 • Phone (352) 793-0200 • FAX: (352) 793-0207
SunCom: 665-0200 • Website <http://sumtercountyfl.gov>



September 26, 2005



Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: Sumter County Permit Number 126-940-010-SO

Dear Ms. Pelz:

In the Sumter County (County) compost permit #126940-010-SO, specific condition 8.a.1 states that composite samples of the unfinished compost material shall be sampled **quarterly for at least one year from permit issuance** (to start during the Quarter 2, 2004 quarterly finished compost sampling event) at the discharge point of Digester #2 in accordance with Specific Condition #11.b. This permit also has another condition, 8.a.3, which states an evaluation of the effectiveness of Digester #2 in the destruction of pathogens shall be submitted to the Department of Environmental Protection (DEP) **by August 1, 2005**. The County remained in compliance with the aforementioned deadlines for these conditions.

In a meeting held March 23, 2004, the Department questioned the ability of the open, non-compartment digester #2 to perform the pathogen kill. Enclosed are all documents providing documentation that the destruction of pathogens occurred properly in Digester #2.

Therefore, Sumter County would respectfully like to request a discontinuance of sampling and evaluating the adequacy of the permitted residence time and temperature in Digester #2 for destruction of pathogens in accordance with Rule 62-701.200(34).

Richard "Dick" Hoffman, Dist 1
(352) 753-1592 or 793-0200
209 North Florida Street
Bushnell, FL 33513

Joey A. Chandler, Chairman
Dist 2, (352) 748-5005
6255 CR 429
Lake Panasoffkee, FL 33538

Michael E. Francis, Dist 3
(352) 753-1592 or 793-0200
209 North Florida Street
Bushnell, FL 33513

Jim Roberts, Vice Chairman
Dist 4, (352) 793-4776
209 North Florida Street, Suite 3
Bushnell, FL 33513-6146

Randy Mask, Dist 5
(352) 793-0200
209 North Florida Street
Bushnell, FL 33513

Bernard Dew, County Administrator
(352) 793-0200
209 North Florida Street, Suite 3
Bushnell, FL 33513-6146

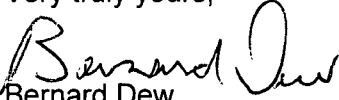
Gloria R. Hayward, Clerk & Auditor
(352) 793-0215
209 North Florida Street
Bushnell, FL 33513

Randall N. Thornton
County Attorney
(352) 793-4040 P.O. Box 58
Lake Panasoffkee, FL 33538

Letter to DEP
September 26, 2004

To ensure compliance with the Department, we would also like to ask for your written response to this letter. If you have any questions or concerns, please feel free to contact me.

Very truly yours,


Bernard Dew
Sumter County Administrator

Cc: Susan Pelz, DEP Tampa Office
Steve Morgan/Stephanie Petro, DEP Tampa Office
Francine Joyal, DEP Tallahassee Office
Santee Howell, Sumter County Assistant Administrator
Tommy Hurst, Sumter County Public Works
Miriam Zimms/Mitch Kessler, Kessler Consulting
Joe Miller, PBS&J
Chuck Jett, Sumter County Solid Waste



STL Tampa 6712 Benjamin Road, Suite 100 Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
23206-1	SO-1 FINISHED COMPOST	Solid	06/28/04	06/28/04 14:00	
23206-2	SO-2 RAW COMPOST	Solid	06/28/04	06/28/04 13:55	

Parameter	Units	Lab Sample IDs	
		23206-1	23206-2

Phosphorus, Total (365.2)

Phosphorus, Total	mg/kg dw	410	360
Percent Solids		45	34
Dilution Factor		10	10
Analysis Date		07/06/04	07/06/04
Batch ID		0706V	0706V

pH (9045)

pH	units	8.0	6.0
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/09/04	07/09/04
Batch ID		0709A	0709A

Fecal Coliform MPN (SM9221C)

Fecal Coliform MPN	MPN/g dw	670	4700L
Percent Solids		45	34
Dilution Factor		100	100
Analysis Date		06/29/04	06/29/04
Batch ID		0629CC	0629CC

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	54 %	64 %
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/08/04	07/08/04
Batch ID		0708N	0708N

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-1	SO-1 FINISHED COMPOST	Solid	09/08/04	09/08/04 14:50	
24532-2	SO-2 RAW COMPOST	Solid	09/08/04	09/08/04 14:40	

Parameter	Units	Lab Sample IDs	
		24532-1	24532-2

Fecal Coliform MPN (SM9221C)

Fecal Coliform MPN	MPN/g dw	3.5U	45000
Percent Solids		57	67
Dilution Factor		1	10000
Analysis Date		09/09/04	09/15/04
Analysis Time		17:27	12:40
Batch ID		0909CC	0915CC

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	60 %	33 %
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/15/04	09/15/04
Analysis Time		14:00	14:00
Batch ID		0915N	0915N

Preparation

On

Time

Analysis Date

Analysis Time

Batch ID

Lab #: 254011
Date Received:

Sample of: COMPOST
8-Feb-2005 Status: UT

Supervisor: Randy Cigarran
Date approved:

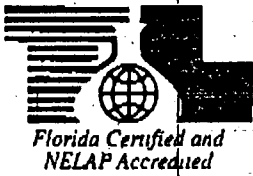
Client:

Compost
Client: Air Spec
Id: Raw Compost
Sampled on 02/08/05 @ 1135 hrs
Proj: SCPW Bushnell, Fl

Air Spec
4562 CR 103G-1
Oxford, Fl. 34484
Attn: Patricia Snowdon

Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 °C	44.80	%
EPA 9045	pH, noncalcareous soils *sample preparation	8.2 -	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	78.11	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	1.14	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.40	mg/Kg
EPA 7610	Potassium (K)	2850	mg/Kg
EPA 7061	Arsenic (As) * Digestion for Hydride Analyses	1.9 0.4985-50	mg/Kg
EPA 7130	Cadmium (Cd)	0.79	mg/Kg
EPA 7210	Copper (Cu)	148	mg/Kg
EPA 7420	Lead (Pb)	55	mg/Kg
EPA 7471	Mercury (Hg) * Digestion for Mercury (Hg)	0.33 1.0146-100	mg/Kg
EPA 7480	Molybdenum (Mo)	8 D	mg/Kg
EPA 7520	Nickel (Ni)	21	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	253	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.0439-100	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	

Best Available Copy



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33802
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # EB4100

TELEPHONE (813) 223-9702
FAX (813) 223-9332

12-Mar-2005
Page 2 of 2

Report For:

Air Spec
4562 CR 1036-1
Oxford, Fl. 34484

Sample Identification:

Compost Attn: Patricia Snowden
Id: Raw Compost Proj: SCPW, Bushnell, 71
Sampled on 02/25/05 @ 1200 hrs

Date Received:

25-Feb-2005

Laboratory Number:

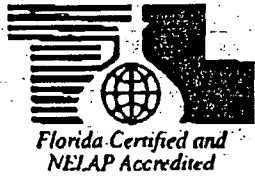
254804

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7520	Nickel (Ni)	16	mg/Kg	4-Mar-2005	Sandy Lundgren
EPA 7741	Selenium (Se)	< 0.25	ug/Kg	3-Mar-2005	Sandy Lundgren
EPA 7850	Zinc (Zn)	277	ug/Kg	2-Mar-2005	Sandy Lundgren
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	5000		28-Feb-2005	DAN SHARP
	Date and time started	0228 2005		28-Feb-2005	DAN SHARP
	Fecal Coliform (MPN)/gm. Dry Weight	17000		28-Feb-2005	DAN SHARP
	Date and time started	0228 2005		28-Feb-2005	DAN SHARP

* Value was rechecked.

THORNTON LABORATORIES, INC.
Lovie Hudson
Project Manager



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # E84100

TELEPHONE (813) 223-9702
FAX (813) 223-9332

10-May-2005
Page 1 of 2

Report For:

Airspec
1114 W. Dixie Ave.
Leesburg, Fl. 34748

Sample Identification:

Compost - SCPW - 2nd Q-2005 Attn: Patricia Snowden
Id: Raw Compost, Bushnell Fl.
Sampled on 04/28/05

Date Received: 28-Apr-2005

Laboratory Number: 258532A

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 160.3	Moisture, 105 °C	50.6	%	2-May-2005	Austin Duffee
EPA 9045	pH, noncalcareous soils(1:3)	6.6		3-May-2005	Sandy Duffee
ANALYSIS ON DRY BASIS					
EPA 160.4	Organic Matter (550 C)	66.0	%	5-May-2005	Devinder Banda
EPA/CE-81-1	Total Nitrogen (N)	* 12100	mg/Kg	10-May-2005	Joseph Fishbach
	Phosphorus, Total (P)	* 11600	mg/Kg	10-May-2005	Sandy Duffee
EPA 7610	Potassium (K)	* 13800	mg/Kg	10-May-2005	Sandy Lundgren
EPA 7130	Cadmium (Cd)	0.5	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7210	Copper (Cu)	65	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7420	Lead (Pb)	37	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7520	Nickel (Ni)	11	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7950	Zinc (Zn)	347	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7480	Molybdenum (Mo)	< 8	mg/Kg	5-May-2005	Sandy Lundgren

* Value was rechecked.

** Average of multiple determinations.



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # E84100

TELEPHONE (813) 223-9702
FAX (813) 223-8332

10-May-2005
Page 2 of 2

Report For:

Airopec
1114 W. Dixie Ave.
Leesburg, FL 34748

Sample Identification:

Compost - BCPW - 2nd Q-2005 Attn: Patricia Snowden
Id: Raw Compost, Bushnell Fl.
Sampled on 04/28/05

Date Received: 28-Apr-2005

Laboratory Number: 258532A

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7741	Selenium (Se)	< 0.25	mg/kg	5-May-2005	Sandy Lundgren
EPA 7061	Arsenic (As)	1.1	mg/kg	5-May-2005	Sandy Lundgren
EPA 7471	Mercury (Hg)	0.010	mg/kg	5-May-2005	Sandy Lundgren
SM9221E	Fecal Coliform (NPN)/gm. Dry Weight	** 730		3-May-2005	Sandy Duffee
	Date and time started	0503 1045		3-May-2005	DAN SHARP

* Value was rechecked.

** Average of multiple determinations.

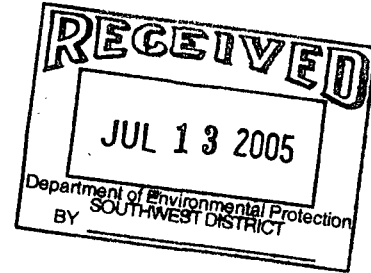
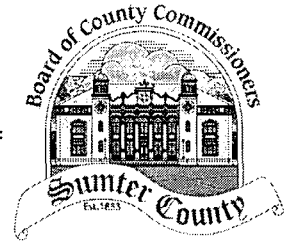
THORNTON LABORATORIES, INC.
Lovie Hudson
Project Manager

22926

SUMTER COUNTY SOLID WASTE

SUMTER COUNTY, FLORIDA

PO Box 1066 • Bushnell, FL 33513 • Phone (352) 793-3368 • Fax (352) 568-0166 • www.scpw.org



July 11, 2005

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Dear Ms. Pelz:

Please accept this as our Second Quarter 2005 Unfinished Compost Report at the discharge end of digester #2 as per permit number 126940-010-SO; specific condition 8.a.3, 11.b, and 12.f.1.d.

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

Respectfully,

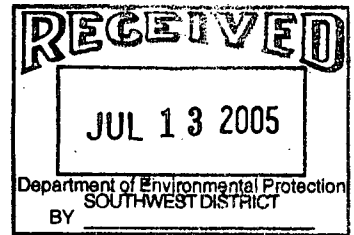
Chuck Jett
Solid Waste Superintendent

Cc: Denise Warnock, Sumter County
Miriam Zimms, Kessler Consulting
Santee Howell, Sumter County



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # E84100



TELEPHONE (813) 223-0702
FAX (813) 223-0332

10-May-2005
Page 1 of 2

Report For:

Airspec
1114 W. Dixie Ave.
Leesburg, FL 34748

Sample Identification:

Compost - SCPW - 2nd Q-2005 Attn: Patricia Snowden
Id: Raw Compost, Bushnell Fl.
Sampled on 04/28/05

Date Received: 28-Apr-2005

Laboratory Number: 258532A

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 160.3	Moisture, 105 °C	50.6	%	2-May-2005	Austin Duffee
EPA 9045	pH, noncalcareous soils(1:3)	6.6		3-May-2005	Sandy Duffee
ANALYSIS ON DRY BASIS					
EPA 160.4	Organic Matter (550 C)	66.0	%	5-May-2005	Devinder Nanda
EPA/CE-81-1	Total Nitrogen (N)	* 12100	mg/Kg	10-May-2005	Joseph Fishbach
	Phosphorus, Total (P)	* 11600	mg/Kg	10-May-2005	Sandy Duffee
EPA 7610	Potassium (K)	* 13800	mg/Kg	10-May-2005	Sandy Lundgren
EPA 7130	Cadmium (Cd)	0.5	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7210	Copper (Cu)	65	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7420	Lead (Pb)	37	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7520	Nickel (Ni)	11	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7950	Zinc (Zn)	347	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7480	Molybdenum (Mo)	< 8	mg/Kg	5-May-2005	Sandy Lundgren

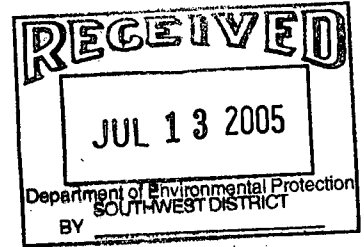
* Value was rechecked.

** Average of multiple determinations.



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # EB4100



TELEPHONE (813) 223-8702
FAX (813) 223-9332

10-May-2005
Page 2 of 2

Report For:

Alrepec
1114 W. Dixie Ave.
Leesburg, FL 34748

Sample Identification:

Compost - BCPW - 2nd Q-2005 Attn: Patricia Snowden
Id: Raw Compost, Bushnell Fl.
Sampled on 04/28/05

Date Received: 28-Apr-2005

Laboratory Number: 256532A

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7741	Selenium (Se)	< 0.25	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7061	Arsenic (As)	1.1	mg/Kg	5-May-2005	Sandy Lundgren
EPA 7471	Mercury (Hg)	0.010	mg/Kg	5-May-2005	Sandy Lundgren
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	** 730		3-May-2005	Sandy Duffee
	Date and time started	0503 1045		3-May-2005	DAN SHARP

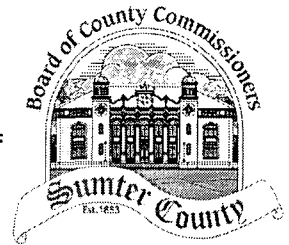
- * Value was rechecked.
- ** Average of multiple determinations.

THORNTON LABORATORIES, INC.
Lovie Hudson
Project Manager

SUMTER COUNTY SOLID WASTE

SUMTER COUNTY, FLORIDA

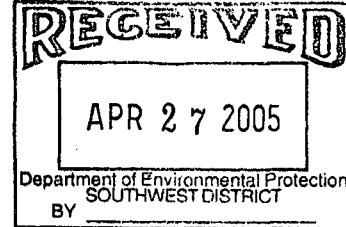
PO Box 1066 • Bushnell, FL 33513 • Phone (352) 793-3368 • Fax (352) 568-0166 • www.scpw.org



April 13, 2005

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

4/27/05



Dear Ms. Pelz:

Please accept this as our compost materials sampling at discharge point Digester #2 report for the 1st quarter of 2005, as per specific condition #12 F.1.d. of permit #126940-010-SO.

Enclosed is a copy of the fecal report.

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

Respectfully,

Chuck Jett, Solid Waste Superintendent

CJ/ct

Best Available Copy

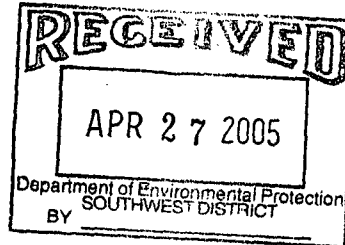


Florida Certified and
NELAP Accredited

THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # EB4100

TELEPHONE (813) 223-9702
FAX (813) 223-9332



12-Mar-2005
Page 2 of 2

Report For:

Air Spec
4562 CR 1036-1
Oxford, Fl. 34464

Sample Identification:

Compost
Id: Finished Compost
Sampled on 02/25/05 @ 1150 hrs

Attn: Patricia Snowden
Proj: SCPW, Bushnell, 73

Date Received: 25-Feb-2005

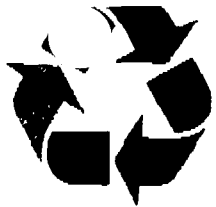
Laboratory Number: 254805

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7480	Molybdenum (Mo)	< 3	mg/Kg	4-Mar-2005	Sandy Lundgren
EPA 7520	Nickel (Ni)	26	mg/Kg	4-Mar-2005	Sandy Lundgren
EPA 7741	Selenium (Se)	< 0.25	mg/Kg	3-Mar-2005	Sandy Lundgren
EPA 7950	Zinc (Zn)	627	mg/Kg	2-Mar-2005	Sandy Lundgren
9M9221E ✓	Fecal Coliform (MPN)/gm. Dry Weight	3		28-Feb-2005	DAN SHARP
	Date and time started	0228 2005		28-Feb-2005	DAN SHARP
	Fecal Coliform (MPN)/gm. Dry Weight	11		28-Feb-2005	DAN SHARP
	Date and time started	0228 2005		28-Feb-2005	DAN SHARP

* Value was rechecked.

THORNTON LABORATORIES, INC.
Lovie Hudson
Project Manager



P. O. Box 1066
Bushnell, FL 33513
(352) 793-3368
(352) 568-0166 Fax

Sumter County Solid Waste

February 17, 2005

Fax

To: Susan Pelz, P.E.

From: Chuck Jett

Fax: 813-744-6125

Pages: 13

Re: 4th Qtr compost & fecal report

Cc:

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

There will be a hard copy mailed out to you today.

Chuck Jett, Solid Waste Superintendent

Chuck Jett, Solid Waste Superintendent





P.O. Box 1066
Bushnell, FL 33513
(352) 793-3368
(352) 568-0166 Fax

Sumter County Solid Waste

February 16, 2005

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

Dear Ms. Pelz:

Please accept this as our compost materials sampling at discharge point Digester #2 report for the 4th quarter of 2004, as per specific condition #12 F.1.d. of permit #126940-010-SO.

Enclosed is a copy of the fecal report.

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

Respectfully,

Chuck Jett, Solid Waste Superintendent

CJ/ct



Lab #: 254012
Date Received:

Sample of: COMPOST
8-Feb-2005 Status: UT

Supervisor: Randy Cigarran
Date approved:

Client:
=

Compost
Client: Air Spec
Id: Finished Compost
Sampled on 02/08/05 @ 1135 hrs
Proj: SCPW Bushnell, Fl

Air Spec
4562 CR 103G-1
Oxford, Fl. 34484
Attn: Patricia Snowdon

Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 oC	52.20	%
EPA 9045	pH, noncalcareous soils	8.0	
	*sample preparation	-	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	77.59	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	1.30	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.41	mg/Kg
EPA 7610	Potassium (K)	2580	mg/Kg
EPA 7061	Arsenic (As)	2.1	mg/Kg
	* Digestion for Hydride Analyses	0.5374-50	
EPA 7130	Cadmium (Cd)	1.3	mg/Kg
EPA 7210	Copper (Cu)	192	mg/Kg
EPA 7420	Lead (Pb)	137	mg/Kg
EPA 7471	Mercury (Hg)	0.33	mg/Kg
	* Digestion for Mercury (Hg)	1.0323-100	
EPA 7480	Molybdenum (Mo)	8 D	mg/Kg
EPA 7520	Nickel (Ni)	24	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	598	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.0612-100	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	63	
SM9221E	Date and time started	0204 1430	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	63	
SM9221E	Date and time started	0204 1430	

Lab #: 254011 Sample of: COMPOST Supervisor: Randy Cigarran
 Date Received: 8-Feb-2005 Status: UT Date approved:

Client:

Compost
 Client: Air Spec
 Id: Raw Compost
 Sampled on 02/08/05 @ 1135 hrs
 Proj: SCPW Bushnell, Fl

Air Spec
 4562 CR 103G-1
 Oxford, Fl. 34484
 Attn: Patricia Snowdon

Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 oC	44.80	%
EPA 9045	pH, noncalcareous soils	8.2	
	*sample preparation	-	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	78.11	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	1.14	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.40	mg/Kg
EPA 7610	Potassium (K)	2850	mg/Kg
EPA 7061	Arsenic (As)	1.9	mg/Kg
	* Digestion for Hydride Analyses	0.4985-50	
EPA 7130	Cadmium (Cd)	0.79	mg/Kg
EPA 7210	Copper (Cu)	148	mg/Kg
EPA 7420	Lead (Pb)	55	mg/Kg
EPA 7471	Mercury (Hg)	0.33	mg/Kg
	* Digestion for Mercury (Hg)	1.0146-100	
EPA 7480	Molybdenum (Mo)	8 D	mg/Kg
EPA 7520	Nickel (Ni)	21	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	253	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.0439-100	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	



P.O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568-0166 Fax

Sumter County Solid Waste

February 16, 2005

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

Dear Ms. Pelz:

Please accept this as our quarterly report of compost for the fourth quarter 2004 as per specific condition 11.a. and 12.f.1.c.

Sumter County produced 6,796.37 cubic yards of type "A" compost for the fourth quarter 2004.

All compost produced at this facility is stock-piled for future use by the Sumter County Public Works and Bridge Department and the different municipalities of the county.

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

Respectfully,

Chuck Jett, Solid Waste Superintendent

CJ/ct

Chuck Jett, Solid Waste Superintendent



Patricia Snowdon
4562 CR 103G-1
Oxford, FL 34484
Email: PatriciaSnowdon@airspec.org



Office - 866-778-4796
Cell - 352-636-0704
Fax - 352-728-2119
www.AirSpec.org

February 15, 2005

Leesburg

Sumter County Solid Waste Facility
P.O.Box 1066
Bushnell, Fl. 33513
Attn: Mr. Tommy Hurst

RE: Fourth Quarter 2004 Compost Re-Sampling and Testing Results
Sumter County Solid Waste Facility
Permit No. 126940-010-SO

Dear Sir:

Air Spec has received the results of the 2004 Fourth Quarter re-sampling, testing and classification for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on December 9, 2004 at the facility as required in 7-R through 8A, 1-5. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste and specific condition 7.8 of your permit.

Based on the approved 30 day verbal extension from Mr. Morgan and conversation with Ms. Francine Joyal., we believe the new results are calculated correctly by the laboratory and best represents the compost matrix at the time of both sample events. As discussed and approved by the department, a **raw feed stock** sample was obtained on February 3, 2005 and the **raw** and **finished compost** was obtained on February 8, 2005. As discussed, this sample method would ensure the raw feed stock is followed through the digester 2 system resulting in the finished compost of the original raw feed stock material.

Based on the attached results, currently the compost is classified as **Type A** with the exception of the reduction of organic matter. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations. We believe now the needed reduction did not occur because sludge was not a part of the original raw feed stock sample therefore effecting the final reduction of organic material results.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office or cell phone.

Very Truly Yours,
Air Spec

Patricia Snowdon
Senior Environmental Scientist

Attachments cc: Mr. Steve Morgan of FDEP, Mr. Chuck Jett, Sumter County Solid Waste and
Ms. Miriam Zimms, Kessler Consulting



Lab #: 254011 Sample of: COMPOST Supervisor: Randy Cigarzan
 Date Received: 8-Feb-2005 Status: UT Date approved:

Client:
 =

Compost
 Client: Air Spec
 Id: Raw Compost
 Sampled on 02/08/05 @ 1135 hrs
 Proj: SCPW Bushnell, FL

Air Spec
 4562 CR 103G-1
 Oxford, FL 34484
 Attn: Patricia Snowdon

Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 oC	44.80	%
EPA 9045	pH, noncalcareous soils	8.2	
	*sample preparation	-	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	78.11	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	1.14	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.40	mg/Kg
EPA 7610	Potassium (K)	2850	mg/Kg
EPA 7061	Arsenic (As)	1.9	mg/Kg
	* Digestion for Hydride Analyses	0.4985-50	
EPA 7130	Cadmium (Cd)	0.79	mg/Kg
EPA 7210	Copper (Cu)	148	mg/Kg
EPA 7420	Lead (Pb)	55	mg/Kg
EPA 7471	Mercury (Hg)	0.33	mg/Kg
	* Digestion for Mercury (Hg)	1.0146-100	
EPA 7480	Molybdenum (Mo)	8 D	mg/Kg
EPA 7520	Nickel (Ni)	21	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	253	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.0439-100	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	544	
SM9221E	Date and time started	0204 1430	

Lab #: 254012
Date Received:

Sample of: COMPOST
8-Feb-2005 Status: UT

Supervisor: Randy Cigarran
Date approved:

Client:
=

Compost
Client: Air Spec
Id: Finished Compost
Sampled on 02/08/05 @ 1135 hrs
Proj: SCPW Bushnell, Fl

Air Spec
4562 CR 103G-1
Oxford, Fl. 34484
Attn: Patricia Snowdon

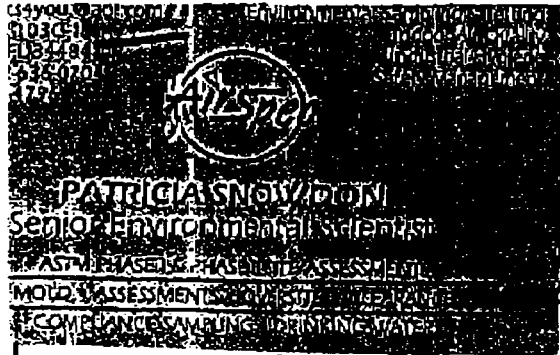
Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 oC	52.20	%
EPA 9045	pH, noncalcareous soils *sample preparation	8.0	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	77.59	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	1.30	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.41	mg/Kg
EPA 7610	Potassium (K)	2580	mg/Kg
EPA 7061	Arsenic (As) * Digestion for Hydride Analyses	2.1	mg/Kg
		0.5374-50	
EPA 7130	Cadmium (Cd)	1.3	mg/Kg
EPA 7210	Copper (Cu)	192	mg/Kg
EPA 7420	Lead (Pb)	137	mg/Kg
EPA 7471	Mercury (Hg) * Digestion for Mercury (Hg)	0.33	mg/Kg
		1.0323-100	
EPA 7480	Molybdenum (Mo)	8 D	mg/Kg
EPA 7520	Nickel (Ni)	24	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	598	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.0612-100	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	63	
SM9221E	Date and time started	0204 1430	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	63	
SM9221E	Date and time started	0204 1430	

Lab #: 253919 Sample of: COMPOST Supervisor: Randy Cigarran
 Date Received: 4-Feb-2005 Status: UT Date approved:

Client:

Compost Air Spec
 Client: Air Spec 4562 CR 103G-1
 Id: Tipping Floor (Unfinished), Raw Feed Stock Oxford, Fl. 34484
 Sampled on 02/03/05 @ 1030 hrs Attn: Patricia Snowdon
 Proj: SCPW Bushnell, Fl.

Method	Parameter	Result	Units
EPA 160.3	Moisture, 105 °C	23.24	%
EPA 9045	pH, noncalcareous soils	6.1	
	*sample preparation	-	
	ANALYSIS ON DRY BASIS	-	
EPA 160.4	Organic Matter (550 C)	67.68	%
EPA 160.4	Reduction in Organic Matter		%
EPA/CE-81-1	Total Nitrogen (N)	0.40	mg/Kg
EPA/CE-81-1	*Total Kjeldahl Nitrogen	-	mg/Kg
EPA/CE-81-1	*Nitrate+Nitrite Nitrogen	-	mg/Kg
EPA/CE-81-1	Phosphorus, Total (P)	0.06	mg/Kg
EPA 7610	Potassium (K)	1420	mg/Kg
EPA 7061	Arsenic (As)	0.25 D	mg/Kg
	* Digestion for Hydride Analyses	0.6037-50	
EPA 7130	Cadmium (Cd)	0.2 D	mg/Kg
EPA 7210	Copper (Cu)	11	mg/Kg
EPA 7420	Lead (Pb)	1 D	mg/Kg
EPA 7471	Mercury (Hg)	0.02 D	mg/Kg
	* Digestion for Mercury (Hg)	1.1860-100	
EPA 7480	Molybdenum (Mo)	4 D	mg/Kg
EPA 7520	Nickel (Ni)	0.89	mg/Kg
EPA 7741	Selenium (Se)	0.25 D	mg/Kg
EPA 7950	Zinc (Zn)	44	mg/Kg
EPA 3050	* Digestion for AA Analysis	5.2450-50	
Screen Test	Foreign Matter, Retained on 1/4" Screen		Cancelled
Screen Test	Bones, % of total compost		Cancelled
Screen Test	Glass, % of total compost		Cancelled
Screen Test	Leather, % of total compost		Cancelled
Screen Test	Metal, % of total compost		Cancelled
Screen Test	Plastic, % of total compost		Cancelled
Screen Test	Rubber, % of total compost		Cancelled
Screen Test	Other, % of total compost		Cancelled
Screen Test	Foreign Matter, Retained on 1/4" Screen		Cancelled
Screen Test	Bones, % of total compost		Cancelled
Screen Test	Glass, % of total compost		Cancelled
Screen Test	Leather, % of total compost		Cancelled
Screen Test	Metal, % of total compost		Cancelled
Screen Test	Plastic, % of total compost		Cancelled
Screen Test	Rubber, % of total compost		Cancelled
Screen Test	Other, % of total compost		Cancelled
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	160	
SM9221E	Date and time started	0204 1230	
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	160	



HORNTON LABORATORIES, INC.

45 East Cass Street, Tampa, Florida 33602
 P.O. Box 2880, Tampa, Florida 33601-2880
 FL DOH# E84100
 Florida Certified And NELAP Accredited

PROJECT NAME & ADDRESS

P.W.
 Shnell, 71

RUSH

SAMPLERS (Signature) *[Signature]*

NUMBER OF CONTAINERS

CHAIN OF CUSTODY RECORD

SEE ATTACHED KIT SHEET,
 BOTTLE LEGEND AND
 VERIFICATION FORMS
 FOR

ANALYSES / CONTAINERS
 AND PRESERVATIVES

LABORATORY NUMBER	DATE	TIME	COLLECTION METHOD	SAMPLE MATRIX	STATION LOCATION	COMMENTS
253919	4/3/05	10:30am		S	Tipping Floor - (Un-finished)	Organic Matter Total N & P K, AS, Cd, Cu, Pb, Hg, Mo, Ni, Se, Zn Moisture, Ph, Fecal Coliform
					RAW Feed Stock	
						Rush - No Charge per Louie

Sampling Method abbreviations: Grab (G), Composite (C), Equipment Blank (EQ)
 Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Marine Water (MW), Drinking Water (DW), Sludge (Slg), Soil, Waste (W), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff), Influent (In)

Prepared and released by: <i>[Signature]</i> Date/Time: 2/3/05	Received by: Company Name:	Date/Time:	Requisitioned by: <i>[Signature]</i> Company Name: AirSpec	Date/Time: 2/3/05 Common Carrier:
Released by: <i>Susan Daniel</i> Date/Time: 02-04-05 12:35 REVD	Requisitioned by: <i>Susan Daniel</i> Date/Time: 02-04-05 12:35 REVD	Received by: Company Name:	Date/Time:	Date/Time:
THORNTON LABORATORIES, INC. Date/Time:	Received by: THORNTON LABORATORIES, INC. Date/Time:	Date/Time:	Date/Time:	Date/Time:

NOTE: PLEASE RETURN THIS CHAIN OF CUSTODY WITH SAMPLES!



THORNTON LABORATORIES, INC.

1145 East Cass Street, Tampa, Florida 33602
P.O. Box 2880, Tampa, Florida 33601-2880
FL DOH# E84100
Florida Certified And NELAP Accredited

CHAIN OF CUSTODY RECORD

SEE ATTACHED KIT SHEET,
BOTTLE LEGEND AND
VERIFICATION FORMS
FOR

ANALYSES / CONTAINERS
AND PRESERVATIVES

NUMBER OF CONTAINERS

PROJECT NUMBER

PROJECT NAME & ADDRESS

SCPW
Bushnell, FL

SAMPLERS (Signature)

LABORATORY NUMBER	DATE	TIME	COLLECTION METHOD	SAMPLE MATRIX	STATION LOCATION	COMMENTS
254011	2/8	11:35 A		S	RAW Compost	Organic Matter Total N + P K, AS, CD, Cu, Pb, Hg, Mo, Ni, Se, Zn, Ph, Moisture, Fecal Coliform Rush - NO Charge Per Louie

Sampling Method abbreviations: Grab (G), Composite (C), Equipment Blank (EQ)

Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Marine Water (MW), Drinking Water (DW), Sludge (Sludge), Soil, Waste (Wt), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff), Influent (In)

Kit prepared and relinquished by: 	Date/Time: 2-8-05	Received by: Company Name	Date/Time: 2-8-05	Relinquished by: 	Date/Time: 2/8/05	Comments: AIR SPEC
Received by: 	Date/Time: 02-08-05 13:05	Relinquished by: 	Date/Time: 02-08-05 13:05	Received by: 	Date/Time:	
Company Name: Thornton Lab		Company Name: KQVD		Company Name: Thornton Lab		
Relinquished by: Company Name	Date/Time	Received in the Laboratory by:	Date/Time			

NOTE: PLEASE RETURN THIS CHAIN OF CUSTODY WITH SAMPLES!



THORNTON LABORATORIES, INC.

1145 East Cass Street, Tampa, Florida 33602
P.O. Box 2880, Tampa, Florida 33601-2880
FL DOH# E84100
Florida Certified And NELAP Accredited

CHAIN OF CUSTODY RECORD

NUMBER OF CONTAINERS

SEE ATTACHED KIT SHEET,
BOTTLE LEGEND AND
VERIFICATION FORMS
FOR

ANALYSES / CONTAINERS
AND PRESERVATIVES

PROJECT NUMBER	PROJECT NAME & ADDRESS
	SCPW Bushnet, 71
SAMPLERS (Signature)	<i>[Signature]</i>

LABORATORY NUMBER	DATE	TIME	COLLECTION METHOD	SAMPLE MATRIX	STATION LOCATION	COMMENTS
254012	2/8	1135A		S	Finished Compost	Organic Matter Total N + P K, AS, CD, CU, Pb, Hg, Mo, Ni, Se, Zn, Ph, Moisture, Fecal Coliform
						Rush - NO Charge Per Louie.

Sampling Method abbreviations: Grab (G), Composite (C), Equipment Blank (EQ)
Sample Matrix abbreviations: Groundwater (GW), Surface Water (SW), Marine Water (MW), Drinking Water (DW), Sludge (Slg), Soil, Waste (W), Domestic Effluent (Dom Eff), Industrial Effluent (Ind Eff), Influent (IW)

Kit prepared and relinquished by: <i>[Signature]</i>	Date/Time: 2-8-05	Received by: <i>[Signature]</i>	Date/Time: 02-08-05 13:05	Relinquished by: <i>[Signature]</i>	Date/Time: 02-08-05 13:05	Received by: <i>[Signature]</i>	Date/Time: 2/8/05	Common Carrier: 1515 RCV
Company Name: Thornton Lab.		Company Name: RCVD		Company Name: Thornton Lab.		Company Name: RCVD		
Relinquished by:	Date/Time:	Received in the Laboratory by:	Date/Time:					
Company Name:								

NOTE: PLEASE RETURN THIS CHAIN OF CUSTODY WITH SAMPLES!

Patricia Snowdon
4562 CR 103G-1
Oxford, FL 34484
Email: PatriciaSnowdon@airspec.org



Office - 866-778-4796
Cell - 352-636-0704
Fax - 352-728-2119
www.AirSpec.org

February 3, 2005

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

**Foreign Matter Content of Compost Made From Solid Waste
(Procedure per 62-709.630(f))**

Date Sample Collected: 2-03-2005
Date Tested: 2-03-2005

Sampled by: Patricia Snowdon, Senior Environmental Scientist

Total Dry Sample Weight	1020.20g
Less No. 1 Tare Weight	<u>5.4g</u>
Net Dry Sample Weight	1014.80g

Total Dry Inorganic Weight	315.00g
Less Tare Weight	<u>5.4g</u>
Net Dry Inorganic Weight	309.60g

Foreign Matter Content:	Total Weight	0	Percent	0%
Consisting of:				
Glass		0		0 %
Metal		0		0 %

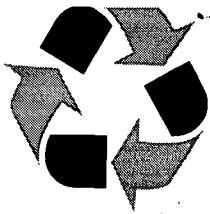
(Wt Separated Divided By Wt Total)

Formula:

Foreign Matter Content
----- X 100 = % Foreign Matter
Total Dry Sample Weight

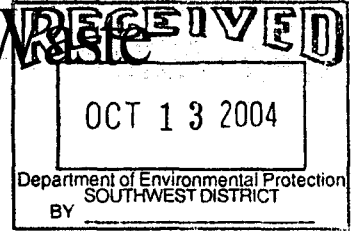


22926
WR



P.O. Box 1066
Bushnell, FL 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste



10-4-04

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, FL 33619-8318

Dear Ms. Pelz:

Please accept this as our compost materials sampling at discharge point Digester #2 report as per specific condition #12 F. I. d. of permit # 126940-010-SO.

Enclosed is a copy of the fecal report.

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

Respectfully,

Chuck Jett, Solid Waste Superintendent

CJ/ct

Chuck Jett, Solid Waste Superintendent

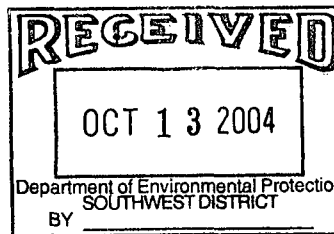




THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # E84100

TELEPHONE (813) 223-9702
FAX (813) 223-9332



14-Sep-2004
Page 1 of 1

Report For: Sumter County Solid Waste
P.O. Box 1066
Bushnell, FL 33513

Sample Identification:

Compost Attn: Terry Hurst
Id: Solid Waste Batch 79
Sampled on 09/09/04 @ 0900 hrs

Date Received: 9-Sep-2004

Laboratory Number: 243965

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 160.3	Moisture, 105 oC	61.3	%	14-Sep-2004	Christopher Sheehy
ANALYSIS ON DRY BASIS					
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	207		10-Sep-2004	Tanya Nichols
	Date and time started	0910 1630		10-Sep-2004	Tanya Nichols

THORNTON LABORATORIES, INC.
Steve Fickett, III
Project Manager



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH # E84100

TELEPHONE (813) 223-9702
FAX (813) 223-9332

14-Sep-2004

Page 1 of 1

Report For: Sumter County Solid Waste
P.O. Box 1066
Bushnell, FL 33513

Sample Identification:

Compost Attn: Terry Hurst
Id: Solid Waste Batch 79
Sampled on 09/09/04 @ 0915 hrs

Date Received: 9-Sep-2004

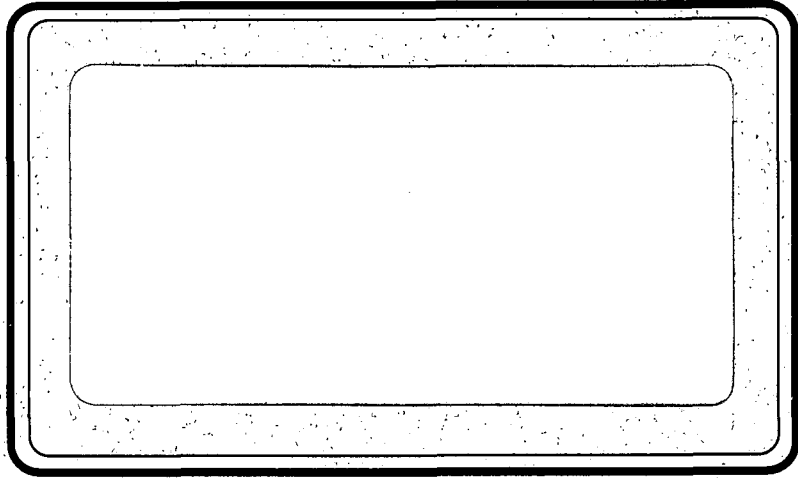
Laboratory Number: 243966

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 160.3	Moisture, 105 oC	60.7	%	14-Sep-2004	Christopher Sheehy
ANALYSIS ON DRY BASIS					
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	127		10-Sep-2004	Tanya Nichols
	Date and time started	0910 1630		10-Sep-2004	Tanya Nichols

THORNTON LABORATORIES, INC.
Steve Fickett, III
Project Manager

22926
CONF



Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA



**SUMTER COUNTY PUBLIC WORKS
LANDFILL
THIRD QUARTER 2004
COMPOST
Conducted for
Mr. TOMMY HURST
October 13, 2004**



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Central Testing Laboratory

EB 0002407

22926
COND

Engineering and Materials Testing

Reply to:

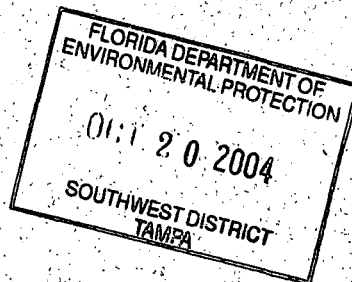
Leesburg

October 15, 2004

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

Re: Third Quarter 2004 Compost Testing Results
Sumter County Solid Waste Facility



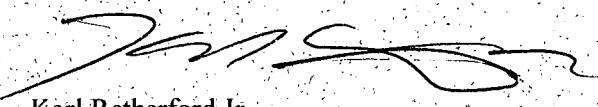
Dear Mr. Hurst


Central Testing Laboratory (CTL) has received the results of the third quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on September 8, 2004 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

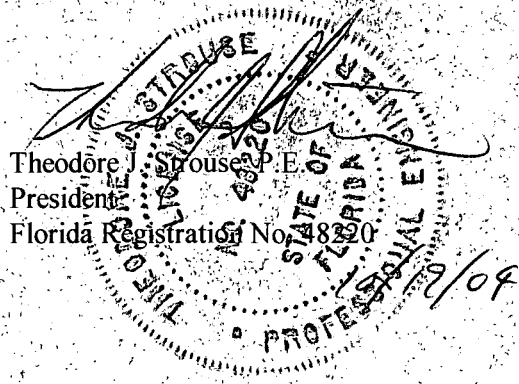
Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY


Karl Retherford Jr.
Environmental Technician


Theodore J. Strouse, P.E.
President
Florida Registration No. 48220



cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Tommy Hurst

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 78% (Volatile Solids from Raw sample per STL report)

OMK = 60% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (60(100 - 78) / 78(100 - 60))]100$$

$$1 - (1320 / 3120) 100$$

$$(1 - 0.423076) 100$$

$$0.423076 \times 100 = 57.69$$

Reduction of Matter = 57.69%

Foreign Matter Content per 62-709.530(f)

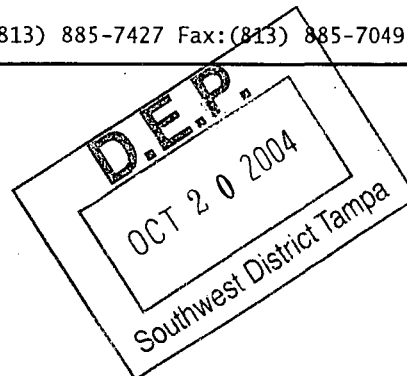
Dry weight of Finished Compost sample = 465.68g

Weight of inorganic material held back by 1/4 inch screen = 5.87g

Weight of glass = 5.87g 1.26% of total weight of sample

Foreign Matter Content = 1.26%

Analytical Report



For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: B424532
SDG Number:
Client Project ID:
Project: SCPW Landfill
Report Date: 09/21/2004
Sampled By: Client
Sample Received Date: 09/08/2004
Requisition Number:
Purchase Order: 2356

A handwritten signature in cursive script, appearing to read "Nancy Robertson", is written over a horizontal line.

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Sample Summary

Order: B424532
Date Received: 09/08/2004

Client: Central Testing Laboratories
Project: SCPW Landfill

Client Sample ID
SO-1 FINISHED COMPOST
SO-2 RAW COMPOST

Lab Sample ID
B424532*1
B424532*2

Matrix
Solid
Solid

Date Sampled
09/08/2004 14:50
09/08/2004 14:40

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-1	SO-1 FINISHED COMPOST	Solid	09/08/04	09/08/04 14:50	
24532-2	SO-2 RAW COMPOST	Solid	09/08/04	09/08/04 14:40	

Parameter	Units	Lab Sample IDs	
		24532-1	24532-2

ICP Metals (6010)

Arsenic	mg/kg dw	2.1	1.9
Cadmium	mg/kg dw	1.1	0.16I
Copper	mg/kg dw	240	29
Lead	mg/kg dw	150	7.3
Molybdenum	mg/kg dw	3.8	1.3I
Nickel	mg/kg dw	16	3.7I
Selenium	mg/kg dw	1.3I	0.60I
Zinc	mg/kg dw	460	93
Percent Solids		57	67
Dilution Factor		1	1
Prep Date		09/14/04	09/14/04
Analysis Date		09/15/04	09/15/04
Analysis Time		09:45	10:04
Batch ID		40914B	40914B

Potassium (6010)

Potassium	% dw	0.26	0.11
Percent Solids		57	67
Dilution Factor		1	1
Prep Date		09/14/04	09/14/04
Analysis Date		09/15/04	09/15/04
Analysis Time		09:45	10:04
Batch ID		40914B	40914B

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-1	SO-1 FINISHED COMPOST	Solid	09/08/04	09/08/04 14:50	
24532-2	SO-2 RAW COMPOST	Solid	09/08/04	09/08/04 14:40	

Parameter	Units	Lab Sample IDs	
		24532-1	24532-2
Mercury (7471)			
Mercury	mg/kg dw	0.59	0.053
Percent Solids		57	67
Dilution Factor		1	1
Prep Date		09/15/04	09/15/04
Analysis Date		09/15/04	09/15/04
Analysis Time		18:19	18:28
Batch ID		40915R	40915R

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)			
	%	41 %	31 %
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/15/04	09/15/04
Analysis Time		14:00	14:00
Batch ID		0915KK	0915KK

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N			
	mg/kg dw	1.4I	1.0U
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/17/04	09/17/04
Analysis Time		11:40	11:40
Batch ID		0917G-6	0917G-6



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-1	SO-1 FINISHED COMPOST	Solid	09/08/04	09/08/04 14:50	
24532-2	SO-2 RAW COMPOST	Solid	09/08/04	09/08/04 14:40	

Parameter	Units	Lab Sample IDs	
		24532-1	24532-2

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	0.90 %	0.35 %
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/15/04	09/15/04
Analysis Time		09:00	09:00
Batch ID		0915CG	0915CG

Total Nitrogen (351.2+353.2)

Total Nitrogen	%	0.90 %	0.35 %
Percent Solids		57	67

Phosphorus, Total (365.2)

Phosphorus, Total	mg/kg dw	640	4000
Percent Solids		57	67
Dilution Factor		10	200
Analysis Date		09/14/04	09/14/04
Analysis Time		11:00	11:00
Batch ID		0914V	0914V

pH (9045)

pH	units	7.8	6.5
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/13/04	09/13/04
Analysis Time		16:10	16:10
Batch ID		0913A	0913A

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-1	SO-1 FINISHED COMPOST	Solid	09/08/04	09/08/04 14:50	
24532-2	SO-2 RAW COMPOST	Solid	09/08/04	09/08/04 14:40	

Parameter	Units	Lab Sample IDs	
		24532-1	24532-2

Fecal Coliform MPN (SM9221C)

Fecal Coliform MPN	MPN/g dw	3.5U	45000
Percent Solids		57	67
Dilution Factor		1	10000
Analysis Date		09/09/04	09/15/04
Analysis Time		17:27	12:40
Batch ID		0909CC	0915CC

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	60 %	33 %
Percent Solids		57	67
Dilution Factor		1	1
Analysis Date		09/15/04	09/15/04
Analysis Time		14:00	14:00
Batch ID		0915N	0915N

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-3	Method Blank	Solid	09/08/04		
24532-4	Accuracy (%Rec)	Solid	09/08/04		
24532-5	LCS Accuracy Control Limit (%R)	Solid	09/08/04		
24532-6	Precision (%RPD)	Solid	09/08/04		
24532-7	LCS Precision Control Limit (Advisory) %RPD	Solid	09/08/04		

Parameter	Units	Lab Sample IDs				
		24532-3	24532-4	24532-5	24532-6	24532-7

ICP Metals (6010)

Arsenic	mg/kg dw	0.19U	105 %	75-125 %	1.3 %	<20 %
Cadmium	mg/kg dw	0.085U	101 %	75-125 %	0.06 %	<20 %
Copper	mg/kg dw	0.50U	114 %	75-125 %	2.0 %	<20 %
Lead	mg/kg dw	0.42U	108 %	75-125 %	1.0 %	<20 %
Molybdenum	mg/kg dw	0.16U	99 %	75-125 %	0.33 %	<20 %
Nickel	mg/kg dw	0.43U	109 %	75-125 %	0.50 %	<20 %
Selenium	mg/kg dw	0.37U	109 %	75-125 %	0.96 %	<20 %
Zinc	mg/kg dw	0.50U	109 %	75-125 %	1.0 %	<20 %
Dilution Factor		1				
Prep Date		09/14/04	09/14/04		09/14/04	
Analysis Date		09/14/04	09/15/04		09/15/04	
Analysis Time		13:35				
Batch ID		40914B	40914B		40914B	

Potassium (6010)

Potassium	% dw	0.0016U	98 %	75-125 %	1.0 %	<20 %
Dilution Factor		1				
Prep Date		09/14/04	09/14/04		09/14/04	
Analysis Date		09/14/04	09/14/04		09/14/04	
Analysis Time		13:35				
Batch ID		40914B	40914B		40914B	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-3	Method Blank	Solid	09/08/04		
24532-4	Accuracy (%Rec)	Solid	09/08/04		
24532-5	LCS Accuracy Control Limit (%R)	Solid	09/08/04		
24532-6	Precision (%RPD)	Solid	09/08/04		
24532-7	LCS Precision Control Limit (Advisory) %RPD	Solid	09/08/04		

Parameter	Units	Lab Sample IDs				
		24532-3	24532-4	24532-5	24532-6	24532-7

Mercury (7471)

Mercury	mg/kg dw	0.0075U	102 %	80-120 %	0.84 %	<20 %
Dilution Factor		1				
Prep Date		09/15/04	09/15/04		09/15/04	
Analysis Date		09/15/04	09/15/04		09/15/04	
Analysis Time		18:12				
Batch ID		40915R	40915R		40915R	

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10U %	102 %	80-120 %	0.49 %	<30 %
Dilution Factor		1				
Analysis Date		09/15/04	09/15/04		09/15/04	
Analysis Time		14:00				
Batch ID		0915KK	0915KK		0915KK	

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	1.0U	100 %	75-125 %	0.81 %	<30 %
Dilution Factor		1				
Analysis Date		09/17/04	09/17/04		09/17/04	
Analysis Time		11:40				
Batch ID		0917G-6	0917G-6		0917G-6	

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-3	Method Blank	Solid	09/08/04		
24532-4	Accuracy (%Rec)	Solid	09/08/04		
24532-5	LCS Accuracy Control Limit (%R)	Solid	09/08/04		
24532-6	Precision (%RPD)	Solid	09/08/04		
24532-7	LCS Precision Control Limit (Advisory) %RPD	Solid	09/08/04		

Parameter	Units	Lab Sample IDs				
		24532-3	24532-4	24532-5	24532-6	24532-7

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	0.0017 %	100 %	65-135 %	0.55 %	<50 %
Dilution Factor		1				
Analysis Date		09/15/04	09/15/04		09/15/04	
Analysis Time		09:00				
Batch ID		0915GG	0915GG		0915GG	

Phosphorus, Total (365.2)

Phosphorus, Total	mg/kg dw	6.8U	93 %	60-140 %	2.9 %	<40 %
Dilution Factor		1				
Analysis Date		09/14/04	09/14/04		09/14/04	
Analysis Time		11:00				
Batch ID		0914V	0914V		0914V	

pH (9045)

pH	units	6.2	103 %	63-158 %	0.33 %	<40 %
Dilution Factor		1				
Analysis Date		09/13/04	09/13/04		09/13/04	
Analysis Time		16:10				
Batch ID		0913A	0913A		0913A	

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-3	Method Blank	Solid	09/08/04		
24532-4	Accuracy (%Rec)	Solid	09/08/04		
24532-5	LCS Accuracy Control Limit (%R)	Solid	09/08/04		
24532-6	Precision (%RPD)	Solid	09/08/04		
24532-7	LCS Precision Control Limit (Advisory) %RPD	Solid	09/08/04		

Parameter	Units	Lab Sample IDs				
		24532-3	24532-4	24532-5	24532-6	24532-7

Fecal Coliform MPN (SM9221C)						
Fecal Coliform MPN	MPN/100ml	2U	---		0 %	<200 %
Dilution Factor		1				
Analysis Date		09/09/04			09/09/04	
Analysis Time		17:27				
Batch ID		0909CC			0909CC	



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-8	Practical Quantitation Limit (PQL)	Solid	09/08/04		
24532-9	Method Detection Limit (MDL)	Solid	09/08/04		

Parameter	Units	Lab Sample IDs	
		24532-8	24532-9

ICP Metals (6010)

Arsenic	mg/kg dw	0.50	0.19
Cadmium	mg/kg dw	0.50	0.087
Copper	mg/kg dw	2.0	0.50
Lead	mg/kg dw	0.50	0.15
Molybdenum	mg/kg dw	1.0	0.16
Nickel	mg/kg dw	4.0	0.43
Selenium	mg/kg dw	1.0	0.37
Zinc	mg/kg dw	2.0	0.50

Potassium (6010)

Potassium	% dw	0.010	0.0016
-----------	------	-------	--------

Mercury (7471)

Mercury	mg/kg dw	0.020	0.0075
---------	----------	-------	--------

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10	0.10
-------------------------------------	---	------	------

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	5.0	1.0
---------------------	----------	-----	-----



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
24532-8	Practical Quantitation Limit (PQL)	Solid	09/08/04		
24532-9	Method Detection Limit (MDL)	Solid	09/08/04		

Parameter	Units	Lab Sample IDs	
		24532-8	24532-9
Total Kjeldahl Nitrogen-N (351.3)			
Total Kjeldahl Nitrogen-N	mg/kg dw	50	17
Phosphorus, Total (365.2)			
Phosphorus, Total	mg/kg dw	25	6.8
Fecal Coliform MPN (SM9221C)			
Fecal Coliform MPN	MPN/g dw	2	2U



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Order Number: B424532

Methods: EPA 600/4-79-020, EPA SW-846, EPA Standard Methods, FDEP
DOH Certification #E84282

U = Indicates that 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.

These test results meet all the requirements of NELAC. All questions
regarding this test report should be directed to the STL project
manager who signed this test report.

The estimated uncertainty associated with these reported results is
available upon request.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL B424532

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>SCPW Landfill</i>	PROJECT NO. <i>2356</i>	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE <i>1</i>	OF <i>1</i>						
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER <i>2356</i>	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	<i>% Moisture</i>	<i>Organic Matter</i>	<i>Total Nitrogen</i>	<i>Total Potassium</i>	<i>Cd, Cu, Pb, K, Zn, Ni</i>	<i>pH</i>	<i>Fecal Coliform</i>	<i>MPN</i>	STANDARD REPORT DELIVERY <input type="radio"/>									
CLIENT (SITE) PM <i>Burl Reutherford Jr.</i>	CLIENT PHONE <i>352-787-1205</i>	CLIENT FAX <i>352-728-2245</i>										DATE DUE _____									
CLIENT NAME <i>Central Testing Labs</i>	CLIENT E-MAIL <i>eniviroct@aol.com</i>											EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>									
CLIENT ADDRESS <i>723 S 14th Street Leesburg, FL 34748</i>												DATE DUE _____									
COMPANY CONTRACTING THIS WORK (if applicable)													NUMBER OF COOLERS SUBMITTED PER SHIPMENT:								

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME							1	2	3	4	5	6	7	8	9	10	
<i>09/08/04</i>	<i>1450</i>	<i>SO-1 Finished Compost</i>	<i>G</i>	<i>X</i>			<i>1</i>											
<i>09/08/04</i>	<i>1440</i>	<i>SO-2 Raw Compost</i>	<i>G</i>	<i>X</i>			<i>1</i>											

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09/08/04</i>	TIME <i>1500</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09/08/04</i>	TIME <i>1502</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09/18/04</i>	TIME <i>1625</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09/18/04</i>	TIME <i>1625</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09/18/04</i>	TIME <i>1502</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>09-8-04</i>	TIME <i>1625</i>

LABORATORY USE ONLY								
RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE <i>9-8-04</i>	TIME <i>1752</i>	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. <i>113</i>	STL TAMPA LOG NO. <i>B424532</i>	LABORATORY REMARKS		



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Report

For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: B425324
SDG Number:
Client Project ID:
Project: SCPW Landfill
Report Date: 10/15/2004
Sampled By: Client
Sample Received Date: 10/14/2004
Requisition Number:
Purchase Order: 2356

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the Laboratory.



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Sample Summary

Order: B425324
Date Received: 10/14/2004

Client: Central Testing Laboratories
Project: SCPW Landfill

Client Sample ID
SO-2 RAW COMPOST

Lab Sample ID
B425324*1

Matrix
Solid

Date Sampled
10/14/2004 09:30



STL

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
25324-1	SO-2 RAW COMPOST	Solid	10/14/04	10/14/04 09:30	

Parameter	Units	Lab Sample IDs
		25324-1

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	32 %
Dilution Factor		1
Analysis Date		10/14/04
Analysis Time		16:16
Batch ID		1014KK

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	78 %
Dilution Factor		1
Analysis Date		10/14/04
Analysis Time		16:16
Batch ID		1016N



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
25324-2	Method Blank	Solid	10/14/04		
25324-3	Accuracy (%Rec)	Solid	10/14/04		
25324-4	LCS Accuracy Control Limit (%R)	Solid	10/14/04		
25324-5	Precision (%RPD)	Solid	10/14/04		
25324-6	LCS Precision Control Limit (Advisory) %RPD	Solid	10/14/04		

Lab Sample IDs

Parameter	Units	25324-2	25324-3	25324-4	25324-5	25324-6
-----------	-------	---------	---------	---------	---------	---------

Moisture (% Loss on drying @ 105 °C) (D2216)

Moisture (% Loss on drying @ 105 °C)	%	0.100 %	99 %	80-120 %	0.31 %	<25 %
Dilution Factor		1				
Analysis Date		10/14/04	10/14/04		10/14/04	
Analysis Time		16:16				
Batch ID		1014KK	1014KK		1014KK	



STL

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SD#
25324-7	Practical Quantitation Limit (PQL)	Solid	10/14/04		
25324-8	Method Detection Limit (MDL)	Solid	10/14/04		

Parameter	Units	Lab Sample IDs	
		25324-7	25324-8

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10	0.10
-------------------------------------	---	------	------



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Order Number: B425324

Methods: EPA 600/4-79-020, EPA SW-846, EPA Standard Methods, FDEP
DOH Certification #E84282

U = Indicates that the compound was analyzed for but not detected.

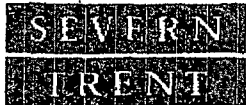
I = The reported value is between the laboratory method detection
limit and the laboratory practical quantitation limit.

These test results meet all the requirements of NELAC. All questions
regarding this test report should be directed to the STL project
manager who signed this test report.

The estimated uncertainty associated with these reported results is
available upon request.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

P. 07/07



STL

3425324

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: SCPW Landfill
PROJECT NO.: 2356
PROJECT LOCATION (STATE): FL
SAMPLER'S SIGNATURE: [Signature]
CLIENT (SITE) PM: Karl Retherford Jr
CLIENT NAME: Central Testing Labs
CLIENT ADDRESS: 723 S 14 Street Leesburg, FL 34748

Table with columns: SAMPLE DATE, SAMPLE TIME, SAMPLE IDENTIFICATION, MATRIX TYPE, COMPOSITE (C) OR GRAB (G) INDICATE, AQUEOUS (WATER) SOLID OR SEMISOLID, AIR, NONAQUEOUS LIQUID (OIL, SOLVENT...), REQUIRED ANALYSIS, STANDARD REPORT DELIVERY, EXPEDITED REPORT DELIVERY (SURCHARGE), NUMBER OF COOLERS SUBMITTED PER SHIPMENT.

Chain of custody section with columns: RELINQUISHED BY: (SIGNATURE), DATE, TIME, RECEIVED BY: (SIGNATURE), DATE, TIME. Includes signatures and dates like 10/14/04 0854.

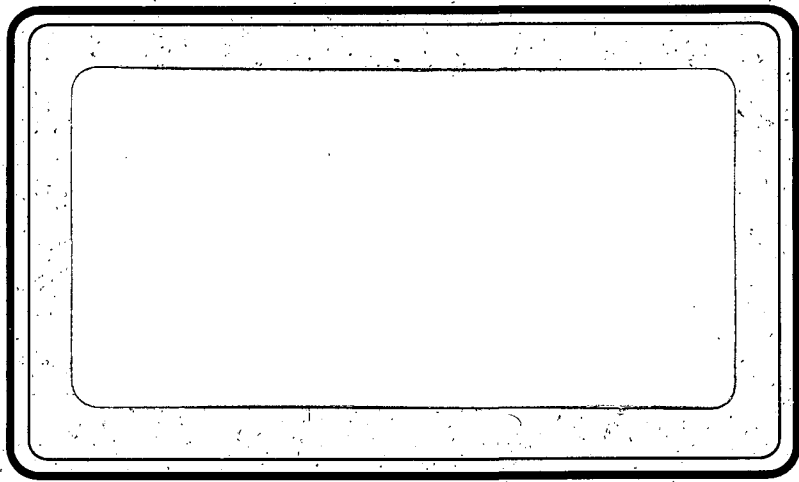
LABORATORY USE ONLY
RECEIVED FOR LABORATORY BY: [Signature]
DATE: 10-14-04 TIME: 1000
CUSTODY INTACT: YES [X] NO []
CUSTODY SEAL NO.: []
STL TAMPA LOG NO.: 3425324

REMARKS
Must Grind before Testing

STL TAMPA

16:13

OCT-15-2004



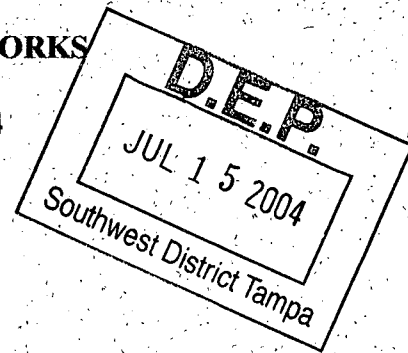
Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
SECOND QUARTER 2004
COMPOST
Conducted for
Mr. TOMMY HURST
July 13, 2004**



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

Leesburg

July 13, 2004

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

Re: Second Quarter 2004 Compost Testing Results
Sumter County Solid Waste Facility

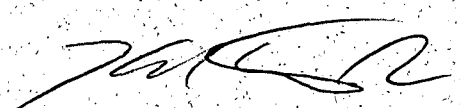
Dear Mr. Hurst

Central Testing Laboratory (CTL) has received the results of the Second quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on June 28, 2004 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY


Karl Retherford Jr.
Environmental Technician


Theodore J. Strouse, P.E.
President
Florida Registration No. 48268

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Tommy Hurst

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 84% (Volatile Solids from Raw sample per STL report)

OMK = 54% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (54(100 - 84) / 84(100 - 54))]100$$

$$1 - (864 / 3864) 100$$

$$(1 - 0.223602) 100$$

$$0.77640 \times 100 = 77.64$$

Reduction of Matter = 77.64%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 395.65g

Weight of inorganic material held back by ¼ inch screen = 4.80g

Weight of glass = 4.80g 1.21% of total weight of sample

Foreign Matter Content = 1.21%



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Report

For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: 8423206
SDG Number:
Client Project ID:
Project: SCPW Landfill/Quarterly
Report Date: 07/09/2004
Sampled By: Client
Sample Received Date: 06/28/2004
Requisition Number:
Purchase Order: 2254

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Sample Summary

Order: B423206
Date Received: 06/28/2004

Client: Central Testing Laboratories
Project: SCPW Landfill/Quarterly

Client Sample ID
SO-1 FINISHED COMPOST
SO-2 RAW COMPOST

Lab Sample ID
B423206*1
B423206*2

Matrix
Solid
Solid

Date Sampled
06/28/2004 14:00
06/28/2004 13:55

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SD#
23206-1	SO-1 FINISHED COMPOST	Solid	06/28/04	06/28/04 14:00	
23206-2	SO-2 RAW COMPOST	Solid	06/28/04	06/28/04 13:55	

Parameter	Units	Lab Sample IDs	
		23206-1	23206-2

ICP Metals (6010)

Arsenic	mg/kg dw	2.0	0.56U
Cadmium	mg/kg dw	0.84I	0.26U
Copper	mg/kg dw	180	4.4I
Lead	mg/kg dw	82	1.2I
Molybdenum	mg/kg dw	5.7	0.85I
Nickel	mg/kg dw	18	1.4I
Selenium	mg/kg dw	1.7I	1.8I
Zinc	mg/kg dw	360	41
Percent Solids		45	34
Dilution Factor		1	1
Prep Date		06/29/04	07/08/04
Analysis Date		07/08/04	07/09/04
Batch ID		40629A	40708A

Potassium (6010)

Potassium	% dw	0.33	0.37
Percent Solids		45	34
Dilution Factor		1	1
Prep Date		06/29/04	07/08/04
Analysis Date		07/08/04	07/09/04
Batch ID		40629A	40708A

Mercury (7471)

Mercury	mg/kg dw	0.24	0.026I
Percent Solids		45	34
Dilution Factor		1	1
Prep Date		07/07/04	07/07/04
Analysis Date		07/08/04	07/08/04
Batch ID		40707R	40707R

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-1	SO-1 FINISHED COMPOST	Solid	06/28/04	06/28/04 14:00	
23206-2	SO-2 RAW COMPOST	Solid	06/28/04	06/28/04 13:55	

Parameter	Units	Lab Sample IDs	
		23206-1	23206-2

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	Units	23206-1	23206-2
Moisture (% Loss on drying @ 105 C)	%	50 %	69 %
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/08/04	07/08/04
Batch ID		0708KK	0708KK

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	Units	23206-1	23206-2
Nitrate + Nitrite-N	mg/kg dw	1.0U	3.3I
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/09/04	07/09/04
Batch ID		0709G	0709G

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	Units	23206-1	23206-2
Total Kjeldahl Nitrogen-N	mg/kg dw	15000	12000
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/07/04	07/07/04
Batch ID		0707GG	0707GG

Total Nitrogen (351.2+353.2)

Total Nitrogen	Units	23206-1	23206-2
Total Nitrogen	%	1.5 %	1.2 %
Percent Solids		45	34

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-1	SO-1 FINISHED COMPOST	Solid	06/28/04	06/28/04 14:00	
23206-2	SO-2 RAW COMPOST	Solid	06/28/04	06/28/04 13:55	

Parameter	Units	Lab Sample IDs	
		23206-1	23206-2

Phosphorus, Total (365.2)

Phosphorus, Total	mg/kg dw	410	360
Percent Solids		45	34
Dilution Factor		10	10
Analysis Date		07/06/04	07/06/04
Batch ID		0706V	0706V

pH (9045)

pH	units	8.0	6.0
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/09/04	07/09/04
Batch ID		0709A	0709A

Fecal Coliform MPN (SM9221C)

Fecal Coliform MPN	MPN/g dw	670	4700L
Percent Solids		45	34
Dilution Factor		100	100
Analysis Date		06/29/04	06/29/04
Batch ID		0629CC	0629CC

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	54 %	84 %
Percent Solids		45	34
Dilution Factor		1	1
Analysis Date		07/08/04	07/08/04
Batch ID		0708N	0708N

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-3	Method Blank	Solid	06/28/04		
23206-4	Accuracy (XRec)	Solid	06/28/04		
23206-5	LCS Accuracy Control Limit (XR)	Solid	06/28/04		
23206-6	Precision (XRPD)	Solid	06/28/04		
23206-7	LCS Precision Control Limit (Advisory) (XRFD)	Solid	06/28/04		

Parameter	Units	Lab Sample IDs				
		23206-3	23206-4	23206-5	23206-6	23206-7
ICP-Metals (6010)						
Arsenic	mg/kg dw	0.190	102 %	75-125 %	2.2 %	<20 %
Cadmium	mg/kg dw	0.0360	98 %	75-125 %	0.01 %	<20 %
Copper	mg/kg dw	0.500	109 %	75-125 %	1.0 %	<20 %
Lead	mg/kg dw	0.150	91 %	75-125 %	5.3 %	<20 %
Molybdenum	mg/kg dw	0.160	97 %	75-125 %	0.06 %	<20 %
Nickel	mg/kg dw	0.430	96 %	75-125 %	3.8 %	<20 %
Selenium	mg/kg dw	0.370	93 %	75-125 %	2.8 %	<20 %
Zinc	mg/kg dw	0.500	96 %	75-125 %	1.4 %	<20 %
Dilution Factor		1				
Prep Date		06/29/04	06/29/04		06/29/04	
Analysis Date		07/08/04	07/08/04		07/08/04	
Batch ID		40629A	40629A		40629A	

Potassium (6010)						
Potassium	% dw	0.00160	113 %	75-125 %	3.2 %	<20 %
Dilution Factor		1				
Prep Date		06/29/04	06/29/04		06/29/04	
Analysis Date		07/08/04	07/08/04		07/08/04	
Batch ID		40629A	40629A		40629A	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-3	Method Blank	Solid	06/28/04		
23206-4	Accuracy (%Rec)	Solid	06/28/04		
23206-5	LCS Accuracy Control Limit (%R)	Solid	06/28/04		
23206-6	Precision (%RPD)	Solid	06/28/04		
23206-7	LCS Precision Control Limit (Advisory) %RPD	Solid	06/28/04		

Parameter	Units	Lab Sample IDs				
		23206-3	23206-4	23206-5	23206-6	23206-7

Mercury (7471)

Mercury	mg/kg dw	0.0075U	98 %	80-120 %	5.0 %	<20 %
Dilution Factor		1				
Prep Date		07/07/04	07/07/04		07/07/04	
Analysis Date		07/08/04	07/08/04		07/08/04	
Batch ID		40707R	40707R		40707R	

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10U %	102 %	80-120 %	0.55 %	<25 %
Dilution Factor		1				
Analysis Date		07/08/04	07/08/04		07/08/04	
Batch ID		0708KK	0708KK		0708KK	

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	1.0U	94 %	75-125 %	1.1 %	<30 %
Dilution Factor		1				
Analysis Date		07/09/04	07/09/04		07/09/04	
Batch ID		0709C	0709C		0709C	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDGs
23206-3	Method Blank	Solid	06/28/04		
23206-4	Accuracy (XRec)	Solid	06/28/04		
23206-5	LCS Accuracy Control Limit (XR)	Solid	06/28/04		
23206-6	Precision (XRPD)	Solid	06/28/04		
23206-7	LCS Precision Control Limit (Advisory) XRPD	Solid	06/28/04		

Parameter	Units	Lab Sample IDs				
		23206-3	23206-4	23206-5	23206-6	23206-7

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	mg/kg dw	17U	97 %	65-135 %	2.9 %	<50 %
Dilution Factor		1				
Analysis Date		07/07/04	07/07/04		07/07/07	
Batch ID		0707CG	0707CG		0707CG	

Phosphorus, Total (365.2)

Phosphorus, Total	mg/kg dw	6.8U	101 %	60-140 %	0 %	<40 %
Dilution Factor		1				
Analysis Date		07/06/04	07/06/04		07/06/04	
Batch ID		0706V	0706V		0706V	

pH (9045)

pH	units	6.9	110 %	63-158 %	0.33 %	<40 %
Dilution Factor		1				
Analysis Date		07/09/04	07/09/04		07/09/04	
Batch ID		0709A	0709A		0709A	

Fecal Coliform MPN (SM9221C)

Fecal Coliform MPN	MPN/100ml	2U			0 %	<200 %
Dilution Factor		1				
Analysis Date		06/29/04			06/29/04	
Batch ID		0629CC			0629CC	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-8	Practical Quantitation Limit (PQL)	Solid	06/28/04		
23206-9	Method Detection Limit (MDL)	Solid	06/28/04		

Parameter	Units	Lab Sample IDs	
		23206-8	23206-9
ICP Metals (6010)			
Arsenic	mg/kg dw	0.50	0.19
Cadmium	mg/kg dw	0.50	0.087
Copper	mg/kg dw	2.0	0.50
Lead	mg/kg dw	0.50	0.15
Molybdenum	mg/kg dw	1.0	0.16
Nickel	mg/kg dw	4.0	0.43
Selenium	mg/kg dw	1.0	0.37
Zinc	mg/kg dw	2.0	0.50
Potassium (6010)			
Potassium	% dw	0.010	0.0016
Mercury (7473)			
Mercury	mg/kg dw	0.020	0.0075
Moisture (% Loss on drying @ 105 °C) (D2215)			
Moisture (% Loss on drying @ 105 °C)	%	0.10	0.10
Nitrate + Nitrite-N (353.2)			
Nitrate + Nitrite-N	mg/kg dw	5.0	1.0

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SGC#
23206-8	Practical Quantitation Limit (PQL)	Solid	06/28/04		
23206-9	Method Detection Limit (MDL)	Solid	06/28/04		

Parameter	Units	Lab Sample IDs	
		23206-8	23206-9
Total Kjeldahl Nitrogen-N (351.3)			
Total Kjeldahl Nitrogen-N	mg/kg dw	50	17
Phosphorus, Total (365.2)			
Phosphorus, Total	mg/kg dw	25	6.8
Fecal Coliform MPN (SM9221C)			
Fecal Coliform MPN	MPN/100ml	2	2

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
23206-10	Method Blank #2	Solid	06/28/04		
23206-11	Accuracy (XRec)	Solid	06/28/04		
23206-12	Precision (XRPC)	Solid	06/28/04		

Parameter	Units	Lab Sample IDs		
		23206-10	23206-11	23206-12

ICP Metals (6010)

Arsenic	mg/kg dw	0.19U	86 %	2.2 %
Cadmium	mg/kg dw	0.087U	98 %	0.10 %
Copper	mg/kg dw	0.50U	120 %	14 %
Lead	mg/kg dw	0.15U	103 %	2.1 %
Molybdenum	mg/kg dw	0.16U	99 %	0.99 %
Nickel	mg/kg dw	0.43U	103 %	0.14 %
Selenium	mg/kg dw	0.37U	95 %	1.6 %
Zinc	mg/kg dw	0.50U	106 %	13 %
Dilution Factor		1		
Prep Date		07/08/04	07/08/04	07/08/04
Analysis Date		07/09/04	07/09/04	07/09/04
Batch ID		40708A	40708A	40708A

Potassium (6010)

Potassium	% dw	0.0016U	89 %	1.3 %
Dilution Factor		1		
Prep Date		07/08/04	07/08/04	07/08/04
Analysis Date		07/09/04	07/09/04	07/09/04
Batch ID		40708A	40708K	40708A



STL

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Order Number: 8423206

Methods: EPA 600/4-79-020, EPA SW-846, EPA Standard Methods, FDEP
DOH Certification #E84282

U = Indicates that 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.

These test results meet all the requirements of NELAP. All questions
regarding this test report should be directed to the STL project
manager who signed this test report.

The estimated uncertainty associated with these reported results is
available upon request.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:



STL

B423206

PROJECT REFERENCE <i>CP- Landfill</i>	PROJECT NO. <i>2254</i>	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS						PAGE <i>1</i>	OF <i>1</i>	
AMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...) ↓	<i>% Moisture</i>	<i>Dry Matter</i>	<i>Total Nitrogen</i>	<i>Total Phosphorus</i>	<i>Co, Cu, Pb, Zn, Ni</i>	<i>pH</i>	<i>Fecal Coliform MPN</i>	STANDARD REPORT DELIVERY DATE DUE _____	
CLIENT (SITE) PIA <i>Keri Reutherford Jr.</i>	CLIENT PHONE <i>352-787-1261</i>	CLIENT FAX <i>352-231-2245</i>										EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE _____
CLIENT NAME <i>Central Tasting Labs</i>	CLIENT E-MAIL <i>enviroctd@aol.com</i>											NUMBER OF COOLERS SUBMITTED PER SHIPMENT:
CLIENT ADDRESS <i>723 S 14th St Leesburg FL 34748</i>	COMPANY CONTRACTING THIS WORK (if applicable)											

SAMPLE		SAMPLE IDENTIFICATION	MATRIX TYPE						NUMBER OF CONTAINERS SUBMITTED	REMARKS
DATE	TIME		COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)			
<i>6/28/09</i>	<i>200</i>	<i>SO-1 Finis det Compost</i>								
<i>6/26/09</i>	<i>155</i>	<i>SO-2 Raw Compost</i>								

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/29/09</i>	TIME <i>14:25</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/28/09</i>	TIME <i>15:55</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6/29/09</i>	TIME <i>16:25</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>6-28-09</i>	TIME <i>1555</i>

RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE <i>6-28-09</i>	TIME <i>1800</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>N/S</i>	STL TAMPA LOG NO. <i>B423206</i>	LABORATORY REMARKS <i>cu</i>
--	------------------------	---------------------	--	--------------------------------	-------------------------------------	---------------------------------

B423206

TOTAL P. 15

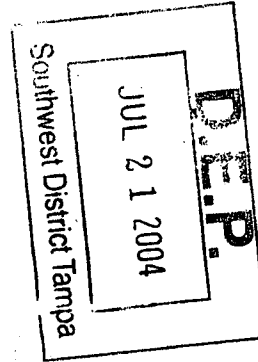


P.O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste

7-16-04

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318



Dear Ms. Pelz:

Please accept this as our "Fecal content" report.

Enclosed please find a copy of the test report.

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

Respectfully,

Chuck Jett
Solid Waste Superintendent

CJ/ct

Chuck Jett, Solid Waste Superintendent



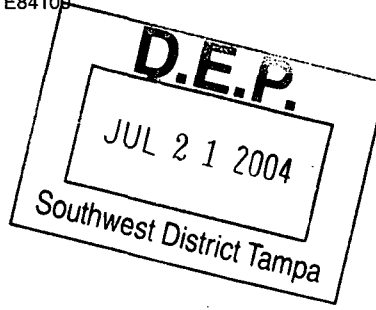


Florida Certified and
NELAP Accredited

THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
WWW.THORNTONLAB.COM
FL DOH# E84109

TELEPHONE (813) 223-9702
FAX (813) 223-9332



6-Jul-2004
Page 1 of 1

Report For: Sumter County Solid Waste
P.O. Box 1066
Bushnell, FL 33513

Sample Identification:

Compost Attn: Terry Hurst
Id: Batch #47, 6/29/04 @ 0805 hrs
Date: 06/29/04

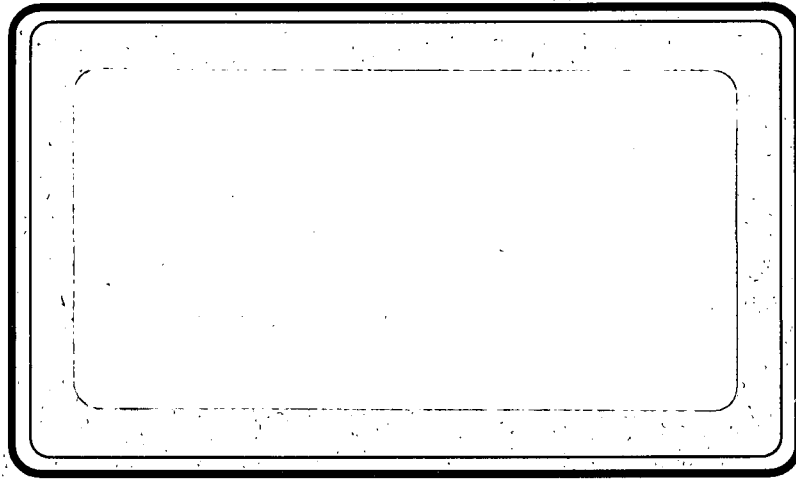
Date Received: 29-Jun-2004

Laboratory Number: 239303

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 160.3	Moisture, 105 oC	48.8	%	6-Jul-2004	Christopher Sheehy
ANALYSIS ON DRY BASIS					
SM9221E	Fecal Coliform (MPN)/gm. Dry Weight	0.94		30-Jun-2004	Tanya Nichols
	Date and time started	0630 1330		30-Jun-2004	Tanya Nichols

THORNTON LABORATORIES, INC.
Laure H. Taylor
Project Manager



Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

Leesburg

August 11, 2003

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Lonnie Cash

Re: Third Quarter 2003 Compost Testing Results
Sumter County Solid Waste Facility

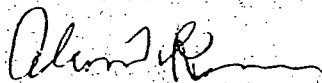
Dear Mr. Cash

Central Testing Laboratory (CTL) has received the results of the third quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on July 10, 2003 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

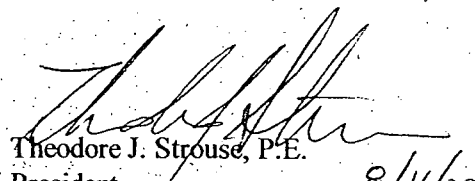
Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY



Alan D. Kerr
Environmental Specialist



Theodore J. Strouse, P.E.
President
Florida Registration No. 48220
8/11/03

Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Garry Breeden

Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 82% (Volatile Solids from Raw sample per STL report)

OMK = 75% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (75(100 - 82) / 82(100 - 75))]100$$

$$1 - (1350 / 2050) 100$$

$$(1 - 0.658537) 100$$

$$0.341463 \times 100 = 34.15$$

Reduction of Matter = 34.15%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 228.50g

Weight of inorganic material held back by ¼ inch screen = 4.00g

Weight of glass = 2.40g 0.011% of total weight of sample

Weight of plastic = 0.90g 0.004% of total weight of sample

Weight of bone = 0.70 0.003% of total weight of sample

$$0.011 + 0.004 + 0.003 = 0.018\% \text{ of total weight of sample}$$

Foreign Matter Content = 0.018%



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Revised Analytical Report

Report To: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project Name: SCPW Landfill
STL Log Number: B352611
Report Date: July 31, 2003

Results Pages 1 through 6 (excluding cover page)



Nancy Robertson, Project Manager
nrobertson@stl-inc.com



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

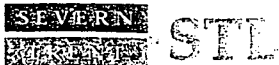
LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
52611-1	SO-1 FINISHED COMPOST	07-10-03/12:55
PARAMETER	52611-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		<1.0
Copper, mg/kg dw		150
Lead, mg/kg dw		67
Nickel, mg/kg dw		17
Potassium, %		0.32 %
Zinc, mg/kg dw		380
Prep Date		07.10.03
Analysis Date		07.11.03
Moisture (% Loss on drying @ 105 C) (D2216), %		52 %
Analysis Date		07.15.03
Nitrate + Nitrite-N (353.2), mg/kg dw		2.6
Analysis Date		07.16.03
Total Kjeldahl Nitrogen-N (351.3), %		1.5 %
Analysis Date		07.16.03
Total Nitrogen (351.2+353.2), %		1.5 %
Phosphorus, Total (365.2), %		0.33 %
Analysis Date		07.17.03



LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 2

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
52611-1	SO-1 FINISHED COMPOST	07-10-03/12:55
PARAMETER	52611-1	
pH (9045), units	6.0	
Analysis Date	07.14.03	
Fecal Coliform MPN (SM9221C), MPN g/100ml	4.2	
Analysis Date	07.10.03	
Volatile Solids (EPA/CE-81-1(3-59)), %	75 %	
Analysis Date	07.15.03	
Percent Solids	48	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
S2611A-1	SO-2 RAW	Solid	07/10/03	07/10/03 09:50	
Parameter	Units	Lab Sample IDs			
		S2611A-1			

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	65 %
Percent Solids		48
Analysis Date		08/06/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	82 %
Percent Solids		48
Analysis Date		08/06/03

Method: EPA 600/4-79-020
DOH Certification #EB4282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.



STL

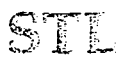
LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 4

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED			
52611-3	Method Blank				
52611-4	Accuracy (%Rec)				
52611-5	LCS Accuracy Control Limit (%R)				
52611-6	Precision (%RPD)				
52611-7	LCS Precision Control Limit (Advisory) %RPD				
PARAMETER	52611-3	52611-4	52611-5	52611-6	52611-7
ICP Metals (6010)					
Cadmium, mg/kg	<0.50	95 %	75-125 %	1.6 %	<20 %
Copper, mg/kg	<2.0	102 %	75-125 %	2.0 %	<20 %
Lead, mg/kg	<0.50	96 %	75-125 %	1.8 %	<20 %
Nickel, mg/kg	<4.0	99 %	75-125 %	1.4 %	<20 %
Potassium, mg/kg	<100	98 %	75-125 %	0.11 %	<20 %
Zinc, mg/kg	<2.0	98 %	75-125 %	1.3 %	<20 %
Prep Date	07.10.03	07.10.03	---	07.10.03	---
Analysis Date	07.11.03	07.11.03	---	07.11.03	---
Moisture (% Loss on drying @ 105 C) (D2216), %	<0.10 %	102 %	80-120 %	0.20 %	<25 %
Analysis Date	07.15.03	07.15.03	---	07.15.03	---
Nitrate + Nitrite-N (353.2), mg/kg dw	<5.0	99 %	75-125 %	0.61 %	<30 %
Analysis Date	07.16.03	07.16.03	---	07.16.03	---
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw	<50	99 %	75-125 %	1.2 %	<40 %
Analysis Date	07.16.03	07.16.03	---	07.16.03	---



STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.st-inc.com

LOG NO: B3-52611
 Received: 10 JUL 03
 Reported: 21 JUL 03
 Revised: 31 JUL 03

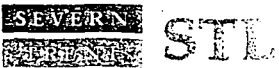
Mr. Al Kerr
 Central Testing Laboratories
 723 South 14th Street
 Leesburg, FL 34748

Project: SCPW LANDFILL
 Sampled By: Client
 Code: 092530731
 Page 5

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
52611-3	Method Blank	
52611-4	Accuracy (%Rec)	
52611-5	LCS Accuracy Control Limit (%R)	
52611-6	Precision (%RPD)	
52611-7	LCS Precision Control Limit (Advisory) %RPD	

PARAMETER	52611-3	52611-4	52611-5	52611-6	52611-7
Phosphorus, Total (365.2), mg/kg dw	<25	101 %	60-140 %	3.3 %	<40 %
Analysis Date	07.17.03	07.17.03	---	07.17.03	---
pH (9045), units	7.1	96 %	63-158 %	0.33 %	<40 %
Analysis Date	07.14.03	07.14.03	---	07.14.03	---
Fecal Coliform MPN (SM9221C), MPN/100ml	<2	---	NA	66 %	<200 %
Analysis Date	07.10.03	---	---	07.10.03	---



LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 6

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
52611-8	Reporting Limit (RL)	
PARAMETER		52611-8
ICP Metals (6010)		
Cadmium, mg/kg dw		0.50
Copper, mg/kg dw		2.0
Lead, mg/kg dw		0.50
Nickel, mg/kg dw		4.0
Potassium, mg/kg dw		100
Zinc, mg/kg dw		2.0
Nitrate + Nitrite-N (353.2), mg/kg dw		5.0
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		50
Phosphorus, Total (365.2), mg/kg dw		25
Fecal Coliform MPN (SM9221C), MPN/100ml		2

Methods: EPA SW-846, EPA 600/4-79-020, EPA Standard Methods
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.
The estimated uncertainty associated with these reported results is available upon request.

NA = Not Applicable


Nancy Robertson, Project Manager



STL

B352611

Tampa, FL 33634

Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE SCPW LANDFILL	PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS								PAGE	1 OF 1
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT...)	% MOISTURE	ORGANIC MATTER	T. NITROGEN	T. PHOSPHORUS	Cd, Cu, K, Pb, Ni, Zn	PH	FECAL COLIFORM MPN	STANDARD REPORT DELIVERY	<input checked="" type="checkbox"/>	
CLIENT (SITE) PM AL KERR	CLIENT PHONE 352-787-1268	CLIENT FAX 728-2245									DATE DUE		
CLIENT NAME CTL	CLIENT E-MAIL ENVIRONMENT@ADL.COM										EXPEDITED REPORT DELIVERY (SURCHARGE)	<input type="checkbox"/>	
CLIENT ADDRESS 728 S. 14TH ST LEESBURG, FL 34748	COMPANY CONTRACTING THIS WORK (if applicable)										DATE DUE		
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:													

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NUMBER OF CONTAINERS SUBMITTED								REMARKS
DATE	TIME															
7/10/03	12:55	50-1 FINISHED COMPOST	C	X				X	X	X	X	X	X			
↓	09:50	50-2 RAW	C	↓				X	X							

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME

LABORATORY USE ONLY						
RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE	TIME	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. UB	STL TAMPA LOG NO. B352611	LABORATORY REMARKS

RECEIVED
AUG 14 2003
SOLICITERS
WEST DISTRICT

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
THIRD QUARTER 2003
COMPOST
Conducted for
Mr. GARY BREEDEN
August 11, 2003**

**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Engineering and Materials Testing

Reply to:

Leesburg

August 11, 2003

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Lonnie Cash

Re: Third Quarter 2003 Compost Testing Results
Sumter County Solid Waste Facility

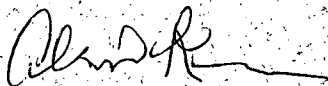
Dear Mr. Cash

Central Testing Laboratory (CTL) has received the results of the third quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on July 10, 2003 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

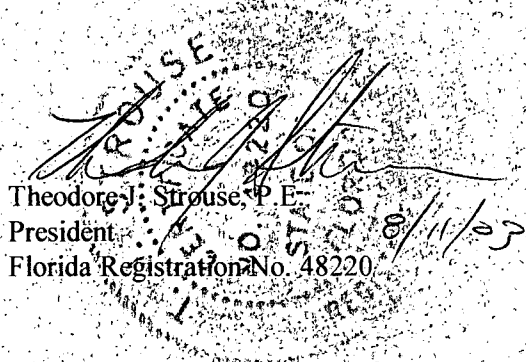
Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY



Alan D. Kerr
Environmental Specialist


Theodore J. Strouse, P.E.
President
Florida Registration No. 48220

Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Garry Breeden

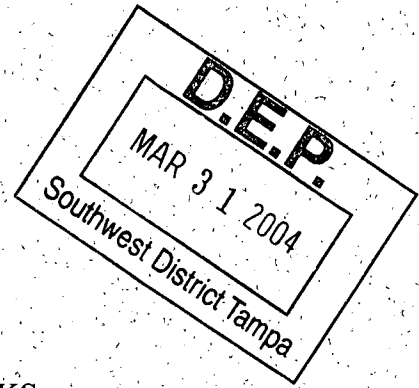
5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

20426



**SUMTER COUNTY PUBLIC WORKS
LANDFILL
FIRST QUARTER 2004
COMPOST
Conducted for
Mr. TOMMY HURST
March 17, 2004**

**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

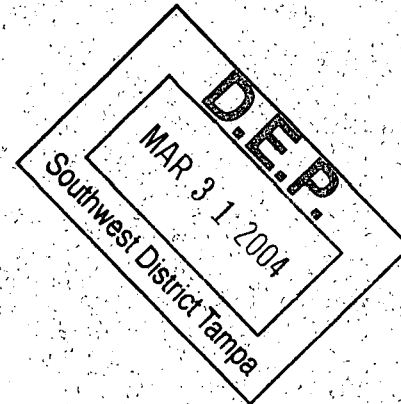
Leesburg

March 18, 2004

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

Re: First Quarter 2004 Compost Testing Results
Sumter County Solid Waste Facility



Dear Mr. Hurst

Central Testing Laboratory (CTL) has received the results of the fourth quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on March 4, 2004 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY

Handwritten signature of Karl Retherford Jr.

Karl Retherford Jr.
Environmental Technician

Handwritten signature of Theodore J. Strouse, P.E. and a circular professional seal for Theodore J. Strouse, P.E., State of Florida, License No. 48220. The seal also includes the text "THEODORE J. STROUSE, P.E.", "STATE OF FLORIDA", and "LICENSE NO. 48220".

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Tommy Hurst

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 84% (Volatile Solids from Raw sample per STL report)

OMK = 13% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (13(100 - 84) / 84(100 - 13))]100$$

$$1 - (208 / 7308) 100$$

$$(1 - 0.028462) 100$$

$$0.971538 \times 100 = 97.15$$

Reduction of Matter = 97.15%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 1038.2g

Weight of inorganic material held back by ¼ inch screen = 0g

Weight of glass = 0g 0% of total weight of sample

Foreign Matter Content = 0%



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Analytical Report

For: Mr. Karl Retherford Jr.
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: B420994
SDG Number:
Client Project ID:
Project: SCPW Landfill
Report Date: 03/17/2004
Sampled By: Client
Sample Received Date: 03/04/2004
Requisition Number:
Purchase Order: 2062

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Sample Summary

Order: 8420994
Date Received: 03/04/2004

Client: Central Testing Laboratories
Project: SCPW Landfill

Client Sample ID
SD-1 FINISHED COMPOST
SD-2 RAW

Lab Sample ID
8420994*1
8420994*2

Matrix
Solid
Solid

Date Sampled
03/04/2004 09:35
03/04/2004 09:30

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
20994-1	SO-1 FINISHED COMPOST	Soild	03/04/04	03/04/04 09:35	

Parameter	Units	Lab Sample IDs
		20994-1

ICP Metals (6010)

Cadmium	mg/kg dw	0.59I*F65
Copper	mg/kg dw	1.70
Lead	mg/kg dw	29
Nickel	mg/kg dw	8.5I*F65
Potassium	mg/kg dw	1000
Zinc	mg/kg dw	190
Percent Solids		85
Dilution Factor		2
Prep Date		03/05/04
Analysis Date		03/08/04
Batch ID		40305A

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	13 %
Percent Solids		85
Dilution Factor		1
Analysis Date		03/05/04
Batch ID		0305KK

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	510
Percent Solids		85
Dilution Factor		50
Analysis Date		03/16/04
Batch ID		0316G



STL

STL Tampa

5712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
20994-1	SO-1 FINISHED COMPOST	Solid	03/04/04	03/04/04 09:35	

Parameter	Units	Lab Sample IDs
		20994-1

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	0.36 %
Percent Solids		85
Dilution Factor		1
Analysis Date		03/06/04
Batch ID		0306GG

Total Nitrogen (351.2+353.2)

Total Nitrogen	%	0.41 %
Percent Solids		85

Phosphorus, Total (365.2)

Phosphorus, Total	%	0.021 %
Percent Solids		85
Dilution Factor		50
Analysis Date		03/11/04
Batch ID		0311V

pH (9045)

pH	units	6.7
Percent Solids		85
Dilution Factor		1
Analysis Date		03/09/04
Batch ID		0309A



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SIG#
20994-1	SO-1 FINISHED COMPOST	Solid	03/04/04	03/04/04 09:35	

Parameter	Units	Lab Sample IDs
		20994-1

Fecal Coliform MPN

Fecal Coliform MPN	MPN/g dw	8.2
Percent Solids		85
Dilution Factor		100
Analysis Date		03/04/04
Batch ID		0304CC

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	13 %
Percent Solids		85
Dilution Factor		1
Analysis Date		03/05/04
Batch ID		0305N



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
20994-2	SO-2 RAW	Solid	03/04/04	03/04/04 09:30	

Parameter	Units	Lab Sample IDs
		20994-2

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	30 %
Percent Solids		70
Dilution Factor		1
Analysis Date		03/10/04
Batch ID		0310KK

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	84 %
Percent Solids		70
Dilution Factor		1
Analysis Date		03/10/04
Batch ID		0310N



Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
20994-3	Method Blank	Solid	03/04/04		
20994-4	Accuracy (%Rec)	Solid	03/04/04		
20994-5	LCS Accuracy Control Limit (%R)	Solid	03/04/04		
20994-6	Precision (%RPD)	Solid	03/04/04		
20994-7	LCS Precision Control Limit (Advisory) %RPD	Solid	03/04/04		

Parameter	Units	Lab Sample IDs				
		20994-3	20994-4	20994-5	20994-6	20994-7

ICP Metals (6010)

Cadmium	mg/kg dw	0.087U	97 %	75-125 %	0.11 %	<20 %
Copper	mg/kg dw	0.72U	106 %	75-125 %	4.4 %	<20 %
Lead	mg/kg dw	0.42U	102 %	75-125 %	2.8 %	<20 %
Nickel	mg/kg dw	0.43U	106 %	75-125 %	0.09 %	<20 %
Potassium	mg/kg dw	16U	94 %	75-125 %	0.01 %	<20 %
Zinc	mg/kg dw	0.98U	102 %	75-125 %	2.7 %	<20 %
Dilution Factor		1				
Prep Date		03/05/04	03/05/04		03/05/04	
Analysis Date		03/08/04	03/08/04		03/08/04	
Batch ID		40305A	40305A		40305A	

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10U	104 %	80-120 %	0.19 %	<25 %
Dilution Factor		1				
Analysis Date		03/05/04	03/05/04		03/05/04	
Batch ID		0305KK	0305KK		0305KK	

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	1.0U	93 %	75-125 %	1.7 %	<30 %
Dilution Factor		1				
Analysis Date		03/16/04	03/16/04		03/16/04	
Batch ID		0316G	0316G		0316G	



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SUC#
20994-3	Method Blank	Solid	03/04/04		
20994-4	Accuracy (%Rec)	Solid	03/04/04		
20994-5	LCS Accuracy Control Limit (%R)	Solid	03/04/04		
20994-6	Precision (%RPD)	Solid	03/04/04		
20994-7	LCS Precision Control Limit (Advisory) %RPD	Solid	03/04/04		

Parameter	Units	Lab Sample IDs				
		20994-3	20994-4	20994-5	20994-6	20994-7
Total Kjeldahl Nitrogen-N (351.3)						
Total Kjeldahl Nitrogen-N	%	170 %	101 %	75-125 %	0.74 %	<40 %
Dilution Factor		1				
Analysis Date		03/06/04	03/06/04		03/06/04	
Batch ID		0306GG	0306GG		0306GG	
Phosphorus, Total (365.2)						
Phosphorus, Total	%	6.80 %	102 %	60-140 %	0 %	<40 %
Dilution Factor		1				
Analysis Date		03/11/04	03/11/04		03/11/04	
Batch ID		0311V	0311V		0311V	
pH (9045)						
pH	units	6.7	94 %	63-158 %	0.17 %	<40 %
Dilution Factor		1				
Analysis Date		03/09/04	03/09/04		03/09/04	
Batch ID		0309A	0309A		0309A	
Fecal Coliform MPN						
Fecal Coliform MPN	MPN/100ml	20	---		0 %	<100 %
Dilution Factor		1				
Analysis Date		03/04/04			03/04/04	
Batch ID		0304CC			0304CC	



STL

STL Tampa 6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
20994-8	Practical Quantitation Limit (PQL)	Solid	03/04/04		
20994-9	Method Detection Limit (MDL)	Solid	03/04/04		

Parameter	Units	Lab Sample IDs	
		20994-8	20994-9

ICP Metals (6010)

Cadmium	mg/kg dw	0.50	0.087
Copper	mg/kg dw	2.0	0.72
Lead	mg/kg dw	0.50	0.42
Nickel	mg/kg dw	4.0	0.43
Potassium	mg/kg dw	100	16
Zinc	mg/kg dw	2.0	0.98

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10	0.10
-------------------------------------	---	------	------

Nitrate + Nitrite-N (333.2)

Nitrate + Nitrite-N	mg/kg dw	5.0	1.0
---------------------	----------	-----	-----

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	mg/kg dw	50	17
---------------------------	----------	----	----

Phosphorus, Total (365.2)

Phosphorus, Total	MG/KG-DW	25	6.8
-------------------	----------	----	-----

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDC#
20994-8	Practical Quantitation Limit (PQL)	Solid	03/04/04		
20994-9	Method Detection Limit (MDL)	Solid	03/04/04		

Parameter	Units	Lab Sample IDs	
		20994-8	20994-9
Fecal Coliform MPN			
Fecal Coliform MPN	MPN/100ml	2	2

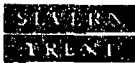
Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
20994-10	Method Blank #2	Solid	03/04/04		
20994-11	Accuracy (%Rec)	Solid	03/04/04		
20994-12	Precision (%RPD)	Solid	03/04/04		

Parameter	Units	Lab Sample IDs		
		20994-10	20994-11	20994-12

Moisture (% Loss on drying @ 105 °C) (D2216)

Moisture (% Loss on drying @ 105 °C)	%	0.10U	101 %	0 %
Dilution Factor		1		
Analysis Date		03/10/04	03/10/04	03/10/04
Batch ID		0310KK	0310KK	0310KK



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone: (813) 885-7427 Fax: (813) 885-7049

Methods: EPA 600/4-79-020, EPA SW-846, EPA Standard Methods, FDEP
DOH Certification #E84282

U - Indicates that 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.

These test results meet all the requirements of NELAC. All questions
regarding this test report should be directed to the STL project
manager who signed this test report.

The estimated uncertainty associated with these reported results is
available upon request.

*F65 - Elevated detection limits were reported due to sample matrix
interference which required sample or extract dilution.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL 42 0994

PROJECT REFERENCE <i>SCPW Landfill</i>	PROJECT NO. <i>2062</i>	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS						PAGE <i>1</i>	OF <i>1</i>
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	STANDARD REPORT DELIVERY <input type="checkbox"/>	
CLIENT (SITE) PM <i>Karl Retherford Jr.</i>	CLIENT PHONE <i>752-787-1258</i>	CLIENT FAX <i>552-728-2245</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DATE DUE
CLIENT NAME <i>Central Testing Labs</i>	CLIENT E-MAIL <i>enviroatl@aol.com</i>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>
CLIENT ADDRESS <i>723 S 14th Street Leesburg, FL 34748</i>	COMPANY CONTRACTING THIS WORK (if applicable)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DATE DUE

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS						NUMBER OF CONTAINERS SUBMITTED	REMARKS
DATE	TIME							% Moisture	Organic Matter	T.N. Total	T. Phosphorus	Cd, Cu, Pb, Ni	Zn		
<i>02/04/04</i>	<i>0935</i>	<i>SO-1 Finished Compst.</i>	<i>C</i>	<i>X</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		
<i>02/04/04</i>	<i>0930</i>	<i>SO-2 Raw</i>	<i>C</i>	<i>X</i>				<i>X</i>	<i>X</i>						

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>2-17-04</i>	TIME <i>10:00</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>02/04/04</i>	TIME <i>13:40</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>3/18/04</i>	TIME <i>15:25</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>3/18/04</i>	TIME <i>13:40</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>3/18/04</i>	TIME <i>15:25</i>

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>3-4-04</i>	TIME <i>1640</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>MS</i>	STL TAMPA LOG NO. <i>B420994</i>	LABORATORY REMARKS
---	-----------------------	---------------------	--	-------------------------------	-------------------------------------	--------------------

TOTAL P. 13

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
FOURTH QUARTER 2003
COMPOST
Conducted for
Mr. GARY BREEDEN
January 5, 2003**

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JAN 14 2004

SOUTHWEST DISTRICT
TAMPA

CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

Leesburg

January 5, 2004

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Tommy Hurst

Re: Fourth Quarter 2003 Compost Testing Results
Sumter County Solid Waste Facility

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JAN 14 2004
SOUTHWEST DISTRICT
TAMPA


Dear Mr. Hurst


Central Testing Laboratory (CTL) has received the results of the fourth quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on October 15, 2003 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY


Karl Retherford Jr.
Environmental Technician


Theodore J. Strouse, P.E.
President
Florida Registration No. 48220
1/6/04

Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Tommy Hurst

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 91% (Volatile Solids from Raw sample per STL report)

OMK = 63% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (63(100 - 91) / 91(100 - 63))]100$$

$$1 - (567/3367) 100$$

$$(1 - 0.168399) 100$$

$$0.83160 \times 100 = 83.16$$

Reduction of Matter = 83.16%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 431.1g

Weight of inorganic material held back by ¼ inch screen = 6.60g

Weight of glass = 6.60g 1.53% of total weight of sample

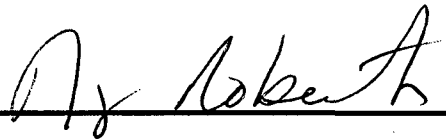
Foreign Matter Content = 1.53%

Analytical Report

For: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: B354003
SDG Number:
Client Project ID:
Project: SCPW LANDFILL
Report Date: 10/28/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order:



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354003
Date Received: 10/15/2003

Client: Central Testing Laboratories
Project: SCPW LANDFILL

Client Sample ID	Lab Sample ID	Matrix	Date Sampled
SO-1 FINISHED COMPOST	B354003*1	Solid	10/15/2003 12:50
SO-2 RAW COMPOST	B354003*2	Solid	10/15/2003 13:00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-1	SO-1 FINISHED COMPOST	Solid	10/15/03	10/15/03 12:50	

Parameter	Units	Lab Sample IDs
		54003-1

ICP Metals (6010)

Cadmium	mg/kg dw	<1.6
Copper	mg/kg dw	310
Lead	mg/kg dw	130
Nickel	mg/kg dw	27
Potassium	%	0.27 %
Zinc	mg/kg dw	750
Percent Solids		62
Prep Date		10/15/03
Analysis Date		10/16/03

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	37 %
Percent Solids		62
Analysis Date		10/17/03

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	3.1
Percent Solids		62
Analysis Date		10/16/03

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	1.4 %
Percent Solids		62
Analysis Date		10/23/03

Total Nitrogen (351.2+353.2)

Total Nitrogen	%	4.5 %
Percent Solids		62

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-1	SO-1 FINISHED COMPOST	Solid	10/15/03	10/15/03 12:50	

Parameter	Units	Lab Sample IDs
		54003-1

Phosphorus, Total (365.2)

Phosphorus, Total	%	0.20 %
Percent Solids		62
Analysis Date		10/16/03

pH (9045)

pH	units	7.9
Percent Solids		62
Analysis Date		10/17/03

Fecal Coliform MPN

Fecal Coliform MPN	MPN/g dw	480
Percent Solids		62
Analysis Date		10/14/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	63 %
Percent Solids		62
Analysis Date		10/17/03

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-2	SO-2 RAW COMPOST	Solid	10/15/03	10/15/03 13:00	

Parameter	Units	Lab Sample IDs
		54003-2

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	26 %
Percent Solids		74
Analysis Date		10/17/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	91 %
Percent Solids		74
Analysis Date		10/17/03

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-3	Method Blank	Solid	10/15/03		
54003-4	Accuracy (%Rec)	Solid	10/15/03		
54003-5	LCS Accuracy Control Limit (%R)	Solid	10/15/03		
54003-6	Precision (%RPD)	Solid	10/15/03		
54003-7	LCS Precision Control Limit (Advisory) %RPD	Solid	10/15/03		

Parameter	Units	Lab Sample IDs				
		54003-3	54003-4	54003-5	54003-6	54003-7
ICP Metals (6010)						
Cadmium	mg/kg dw	0.50U	92 %	75-125 %	1.1 %	<20 %
Copper	mg/kg dw	2.0U	91 %	75-125 %	7.1 %	<20 %
Lead	mg/kg dw	0.50U	97 %	75-125 %	5.2 %	<20 %
Nickel	mg/kg dw	4.0U	86 %	75-125 %	2.9 %	<20 %
Potassium	mg/kg dw	100U	94 %	75-125 %	1.4 %	<20 %
Zinc	mg/kg dw	2.0U	96 %	75-125 %	2.8 %	<20 %
Prep Date		10/15/03	10/15/03		10/15/03	
Analysis Date		10/16/03	10/16/03		10/16/03	

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	0.10 %U	101 %	80-120 %	0.30 %	<25 %
Analysis Date		10/17/03	10/17/03		10/17/03	

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	1.0	103 %	80-120 %	9.2 %	<30 %
Analysis Date		10/16/03	10/16/03		10/16/03	

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	0.10 %U	97 %	75-125 %	0.62 %	<40 %
Analysis Date		10/23/03	10/23/03		10/23/03	

Phosphorus, Total (365.2)

Phosphorus, Total	%	0.10 %U	102 %	60-140 %	1.6 %	<40 %
Analysis Date		10/16/03	10/16/03		10/16/03	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-3	Method Blank	Solid	10/15/03		
54003-4	Accuracy (%Rec)	Solid	10/15/03		
54003-5	LCS Accuracy Control Limit (%R)	Solid	10/15/03		
54003-6	Precision (%RPD)	Solid	10/15/03		
54003-7	LCS Precision Control Limit (Advisory) %RPD	Solid	10/15/03		

Parameter	Units	Lab Sample IDs				
		54003-3	54003-4	54003-5	54003-6	54003-7
pH (9045)						
pH	units	6.6	100 %	63-158 %	0 %	<40 %
Analysis Date		10/17/03	10/17/03		10/17/03	
Fecal Coliform MPN						
Fecal Coliform MPN	MPN/100ml	2U			50 %	<200 %
Analysis Date		10/14/03			10/14/03	

Methods: EPA SW-846, EPA Standard Methods, EPA 600/4-79-020
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analyzed for but not detected.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

**SEVERN
TRENT**

STL

35 4003

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

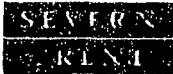
Phone:
Fax:

PROJECT REFERENCE <i>SCPw Landfill</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS								PAGE <i>1</i> OF <i>1</i>	
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	% Moisture	T. Nitrogen	T. Phosphorus	Cd/Cu/Pb/Mn	PH	CAMP/Grav (SS)	Fecal Coliform	Reduction	Organic Matter	STANDARD REPORT DELIVERY <input type="radio"/>
CLIENT (SITE) PM <i>Karl Retherford</i>	CLIENT PHONE <i>352-737-1268</i>	CLIENT FAX <i>352-728-2245</i>											DATE DUE _____
CLIENT NAME <i>Central Testing Lab</i>	CLIENT E-MAIL <i>ENVTEST@earthlink.net</i>												EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>
CLIENT ADDRESS <i>723 S 14th Street Leesburg, FL 34748</i>													DATE DUE _____
COMPANY CONTRACTING THIS WORK (if applicable)													NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED											REMARKS
DATE	TIME							1	2	3	4	5	6	7	8	9	10	11	
<i>10/15/03</i>	<i>1200</i>	<i>SO-1 Finished Compost</i>	<i>G</i>	<i>X</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				
<i>10/15/03</i>	<i>1300</i>	<i>SO-2 Raw Compost</i>	<i>C</i>	<i>X</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>				

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10/15/03</i>	TIME <i>13:45</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10/15/03</i>	TIME <i>14:55</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10/15/03</i>	TIME <i>13:45</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10/15/03</i>	TIME <i>14:55</i>

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>10-15-03</i>	TIME <i>1625</i>	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. <i>NS</i>	STL TAMPA LOG NO. <i>B354003</i>	LABORATORY REMARKS
---	-------------------------	---------------------	--	-------------------------------	-------------------------------------	--------------------



STL

STL Tampa

6712 Benjamin Road, Suite 100 - Tampa FL 33634 Telephone:(813) 885-7427 Fax:(813) 885-7049

Analytical Report

For: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

CC:

Order Number: 8354003
SDG Number:
Client Project ID:
Project: SCPW LANDFILL
Report Date: 10/28/2003
Sampled By: Client
Sample Received Date: 10/15/2003
Requisition Number:
Purchase Order:

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample Summary

Order: B354003
Date Received: 10/15/2003

Client: Central Testing Laboratories
Project: SCPW LANDFILL

Client Sample ID
SO-1 FINISHED COMPOST
SO-2 RAW COMPOST

Lab Sample ID
B354003*1
B354003*2

Matrix
Solid
Solid

Date Sampled
10/15/2003 12:50
10/15/2003 13:00

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-1	SO-1 FINISHED COMPOST	Solid	10/15/03	10/15/03 12:50	

Parameter	Units	Lab Sample IDs
		54003-1

ICP Metals (6010)

Cadmium	mg/kg dw	< 0.6
Copper	mg/kg dw	31
Lead	mg/kg dw	130
Nickel	mg/kg dw	27
Potassium	%	0.27 %
Zinc	mg/kg dw	750
Percent Solids		62
Prep Date		10/15/03
Analysis Date		10/16/03

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	37 %
Percent Solids		62
Analysis Date		10/17/03

Nitrate + Nitrite-N (353.2)

Nitrate + Nitrite-N	mg/kg dw	3.1
Percent Solids		62
Analysis Date		10/16/03

Total Kjeldahl Nitrogen-N (351.3)

Total Kjeldahl Nitrogen-N	%	1.4 %
Percent Solids		62
Analysis Date		10/23/03

Total Nitrogen (351.2+353.2)

Total Nitrogen	%	4.5 %
Percent Solids		62

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-1	SO-1 FINISHED COMPOST	Solid	10/15/03	10/15/03 12:50	

Parameter	Units	Lab Sample IDs
		54003-1

Phosphorus, Total (365.2)

Phosphorus, Total	%	0.20 %
Percent Solids		62
Analysis Date		10/16/03

pH (904%)

pH	units	7.9
Percent Solids		62
Analysis Date		10/17/03

Fecal Coliform MPN

Fecal Coliform MPN	MPN/g dw	480
Percent Solids		62
Analysis Date		10/14/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	63 %
Percent Solids		62
Analysis Date		10/17/03

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-2	SO-2 RAW COMPOST	Solid	10/15/03	10/15/03 13:00	

Parameter	Units	Lab Sample IDs
		54003-2

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	26 %
Percent Solids		74
Analysis Date		10/17/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	91 %
Percent Solids		74
Analysis Date		10/17/03

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-3	Method Blank	Solid	10/15/03		
54003-4	Accuracy (%Rec)	Solid	10/15/03		
54003-5	LCS Accuracy Control Limit (%R)	Solid	10/15/03		
54003-6	Precision (%RPD)	Solid	10/15/03		
54003-7	LCS Precision Control Limit (Advisory) %RPD	Solid	10/15/03		

Parameter	Units	Lab Sample IDs				
		54003-3	54003-4	54003-5	54003-6	54003-7
ICP Metals (6010)						
Cadmium	mg/kg dw	0.50U	92 %	75-125 %	1.1 %	<20 %
Copper	mg/kg dw	2.0U	91 %	75-125 %	7.1 %	<20 %
Lead	mg/kg dw	0.50U	97 %	75-125 %	5.2 %	<20 %
Nickel	mg/kg dw	4.0U	86 %	75-125 %	2.9 %	<20 %
Potassium	mg/kg dw	100U	94 %	75-125 %	1.4 %	<20 %
Zinc	mg/kg dw	2.0U	96 %	75-125 %	2.8 %	<20 %
Prep Date		10/15/03	10/15/03		10/15/03	
Analysis Date		10/16/03	10/16/03		10/16/03	
Moisture (% Loss on drying @ 105 C: (D2216)						
Moisture (% Loss on drying @ 105 C)	%	0.10 %U	101 %	80-120 %	0.30 %	<25 %
Analysis Date		10/17/03	10/17/03		10/17/03	
Nitrate + Nitrite-N (350.2)						
Nitrate + Nitrite-N	mg/kg dw	1.0	103 %	80-120 %	9.2 %	<30 %
Analysis Date		10/16/03	10/16/03		10/16/03	
Total Kjeldahl Nitrogen-N (351.3)						
Total Kjeldahl Nitrogen-N	%	0.10 %U	97 %	75-125 %	0.62 %	<40 %
Analysis Date		10/23/03	10/23/03		10/23/03	
Phosphorus, Total (365.2)						
Phosphorus, Total	%	0.10 %U	102 %	60-140 %	1.6 %	<40 %
Analysis Date		10/16/03	10/16/03		10/16/03	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
54003-3	Method Blank	Solid	10/15/03		
54003-4	Accuracy (%Rec)	Solid	10/15/03		
54003-5	LCS Accuracy Control Limit (%R)	Solid	10/15/03		
54003-6	Precision (%RPD)	Solid	10/15/03		
54003-7	LCS Precision Control Limit (Advisory) %RPD	Solid	10/15/03		

Parameter	Units	Lab Sample IDs				
		54003-3	54003-4	54003-5	54003-6	54003-7
pH (9045)						
pH	units	6.6	100 %	63-158 %	0 %	<40 %
Analysis Date		10/17/03	10/17/03		10/17/03	
Fecal Coliform MPN						
Fecal Coliform MPN	MPN/100ml	2U			50 %	<200 %
Analysis Date		10/14/03			10/14/03	

Methods: EPA SW-846, EPA Standard Methods, EPA 600/4-79-020
DOH Certification #EB4282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U = Indicates that the compound was analyzed for but not detected.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



STL

35 4003

STL Tampa
5712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE SCPW Landfill	PROJECT NO	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS							PAGE 1	OF 1
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.									STANDARD REPORT DELIVERY	<input type="checkbox"/>
CLIENT (SITE) PM Karl Rector	CLIENT PHONE 352-787-1268	CLIENT FAX 352-728-2245									DATE DUE	<input type="checkbox"/>
CLIENT NAME Central Testing Labs	CLIENT EMAIL Environ@ced.com										LAPEDITED REPORT DELIVERY (SURCHARGE)	<input type="checkbox"/>
CLIENT ADDRESS 723 S 14th Street Leesburg, FL 34748											DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)											NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	

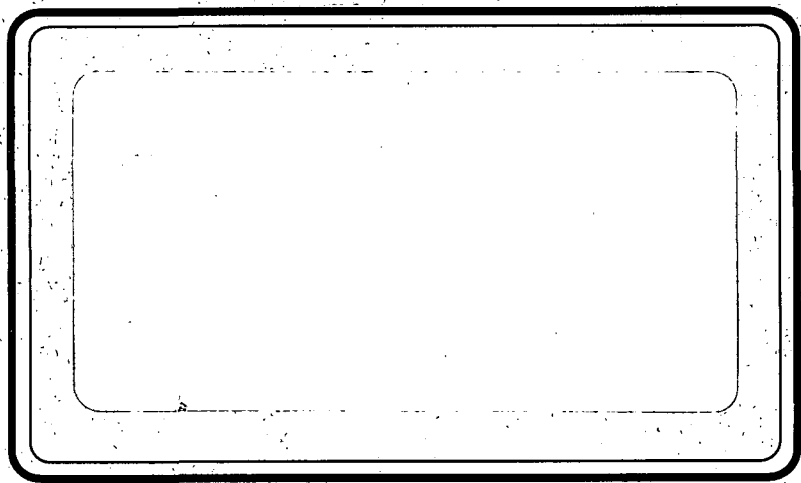
SAMPLE		SAMPLE IDENTIFICATION	MATRIX TYPE	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS							NUMBER OF CONTAINERS SUBMITTED	REMARKS
DATE	TIME								% Moisture	T. Nitrogen	T. Phosphorus	Cd, Co, Cr, Pb, Ni, Zn	pH	Chloride	Fecal Coliform		
10/15/03	1200	S01 Finished Compost	G	X					X	X	X	X	X	X	X		
10/15/03	1300	S02 Raw Compost	G	X					X	X	X	X	X	X	X		

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
				10/15/03	13:45		10/15/03	14:55
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
				10/15/03	13:45		10/15/03	14:55

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	GUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. 115	STL TAMPA LOG NO. 0354003	LABORATORY REMARKS
	10-15-03	14:55				

TOTAL P. 05

aa9ab



Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 82% (Volatile Solids from Raw sample per STL report)

OMK = 75% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (75(100 - 82) / 82(100 - 75))]100$$

$$1 - (1350 / 2050) 100$$

$$(1 - 0.658537) 100$$

$$0.341463 \times 100 = 34.15$$

Reduction of Matter = 34.15%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 228.50g

Weight of inorganic material held back by ¼ inch screen = 4.00g

Weight of glass = 2.40g 0.011% of total weight of sample

Weight of plastic = 0.90g 0.004% of total weight of sample

Weight of bone = 0.70 0.003% of total weight of sample

$$0.011 + 0.004 + 0.003 = 0.018\% \text{ of total weight of sample}$$

Foreign Matter Content = 0.018%



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Revised Analytical Report

Report To: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project Name: SCPW Landfill
STL Log Number: B352611
Report Date: July 31, 2003

Results Pages 1 through 6 (excluding cover page)



Nancy Robertson, Project Manager
nrobertson@stl-inc.com

Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
52611-1	SO-1 FINISHED COMPOST	07-10-03/12:55
PARAMETER	52611-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		<1.0
Copper, mg/kg dw		150
Lead, mg/kg dw		67
Nickel, mg/kg dw		17
Potassium, %		0.32 %
Zinc, mg/kg dw		380
Prep Date		07.10.03
Analysis Date		07.11.03
Moisture (% Loss on drying @ 105 C) (D2216), %		52 %
Analysis Date		07.15.03
Nitrate + Nitrite-N (353.2), mg/kg dw		2.6
Analysis Date		07.16.03
Total Kjeldahl Nitrogen-N (351.3), %		1.5 %
Analysis Date		07.16.03
Total Nitrogen (351.2+353.2), %		1.5 %
Phosphorus, Total (365.2), %		0.33 %
Analysis Date		07.17.03



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 2

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
52611-1	SO-1 FINISHED COMPOST	07-10-03/12:55
PARAMETER	52611-1	
pH (9045), units	6.0	
Analysis Date	07.14.03	
Fecal Coliform MPN (SM9221C), MPN g/100ml	4.2	
Analysis Date	07.10.03	
Volatile Solids (EPA/CE-81-1(3-59)), %	75 %	
Analysis Date	07.15.03	
Percent Solids	48	

Analytical Data Report

Lab Sample ID	Description	Matrix	Date Received	Date Sampled	SDG#
52611A-1	SO-2 RAW	Solid	07/10/03	07/10/03 09:50	

Parameter	Units	Lab Sample IDs
		52611A-1

Moisture (% Loss on drying @ 105 C) (D2216)

Moisture (% Loss on drying @ 105 C)	%	65 %
Percent Solids		48
Analysis Date		08/06/03

Volatile Solids (EPA/CE-81-1(3-59))

Volatile Solids	%	82 %
Percent Solids		48
Analysis Date		08/06/03

Method: EPA 600/4-79-020
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.



STL

LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 4

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED			
52611-3	Method Blank				
52611-4	Accuracy (%Rec)				
52611-5	LCS Accuracy Control Limit (%R)				
52611-6	Precision (%RPD)				
52611-7	LCS Precision Control Limit (Advisory) %RPD				
PARAMETER	52611-3	52611-4	52611-5	52611-6	52611-7
ICP Metals (6010)					
Cadmium, mg/kg	<0.50	95 %	75-125 %	1.6 %	<20 %
Copper, mg/kg	<2.0	102 %	75-125 %	2.0 %	<20 %
Lead, mg/kg	<0.50	96 %	75-125 %	1.8 %	<20 %
Nickel, mg/kg	<4.0	99 %	75-125 %	1.4 %	<20 %
Potassium, mg/kg	<100	98 %	75-125 %	0.11 %	<20 %
Zinc, mg/kg	<2.0	98 %	75-125 %	1.3 %	<20 %
Prep Date	07.10.03	07.10.03	---	07.10.03	---
Analysis Date	07.11.03	07.11.03	---	07.11.03	---
Moisture (% Loss on drying @ 105 C) (D2216), %	<0.10 %	102 %	80-120 %	0.20 %	<25 %
Analysis Date	07.15.03	07.15.03	---	07.15.03	---
Nitrate + Nitrite-N (353.2), mg/kg dw	<5.0	99 %	75-125 %	0.61 %	<30 %
Analysis Date	07.16.03	07.16.03	---	07.16.03	---
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw	<50	99 %	75-125 %	1.2 %	<40 %
Analysis Date	07.16.03	07.16.03	---	07.16.03	---



STL

LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 5

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED			
52611-3	Method Blank				
52611-4	Accuracy (%Rec)				
52611-5	LCS Accuracy Control Limit (%R)				
52611-6	Precision (%RPD)				
52611-7	LCS Precision Control Limit (Advisory) %RPD				
PARAMETER	52611-3	52611-4	52611-5	52611-6	52611-7
Phosphorus, Total (365.2), mg/kg dw	<25	101 %	60-140 %	3.3 %	<40 %
Analysis Date	07.17.03	07.17.03	---	07.17.03	---
pH (9045), units	7.1	96 %	63-158 %	0.33 %	<40 %
Analysis Date	07.14.03	07.14.03	---	07.14.03	---
Fecal Coliform MPN (SM9221C), MPN/100ml	<2	---	NA	66 %	<200 %
Analysis Date	07.10.03	---	---	07.10.03	---



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-52611
Received: 10 JUL 03
Reported: 21 JUL 03
Revised: 31 JUL 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SCPW LANDFILL
Sampled By: Client
Code: 092530731
Page 6

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
52611-8	Reporting Limit (RL)	
PARAMETER		52611-8
ICP Metals (6010)		
Cadmium, mg/kg dw		0.50
Copper, mg/kg dw		2.0
Lead, mg/kg dw		0.50
Nickel, mg/kg dw		4.0
Potassium, mg/kg dw		100
Zinc, mg/kg dw		2.0
Nitrate + Nitrite-N (353.2), mg/kg dw		5.0
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		50
Phosphorus, Total (365.2), mg/kg dw		25
Fecal Coliform MPN (SM9221C), MPN/100ml		2

Methods: EPA SW-846, EPA 600/4-79-020, EPA Standard Methods
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

NA = Not Applicable

Nancy Robertson, Project Manager

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

**SEVERN
TRENT**

STL

B352611

PROJECT REFERENCE SCPH LANDFILL	PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS										PAGE	1 OF 1			
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	% MOISTURE	CLEANING MATERIAL	T. NITROGEN	T. PHOSPHORUS	Cd, Cu, K, Pb, Ni, Zn	PH	FECAL COLIFORM MPN							STANDARD REPORT DELIVERY	<input checked="" type="radio"/>
CLIENT (SITE) PM AL KERR	CLIENT PHONE 352-787-1268	CLIENT FAX 728-2245															DATE DUE	_____
CLIENT NAME CTL	CLIENT E-MAIL ENVIROCTL@AOL.COM																EXPEDITED REPORT DELIVERY (SURCHARGE)	<input type="radio"/>
CLIENT ADDRESS 728 S. 14TH ST LEESBURG, FL 34748	COMPANY CONTRACTING THIS WORK (if applicable)																DATE DUE	_____

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
7/10/03	12:55	SO-1 FINISHED COMPOST	C	X				X	X	X	X	X	X					
7/10/03	09:50	SO-2 RAW	C	X				X	X									

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME

LABORATORY USE ONLY								
RECEIVED FOR LABORATORY BY (SIGNATURE) <i>[Signature]</i>	DATE	TIME	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO. 113	STL TAMPA LOG NO. B352611	LABORATORY REMARKS		

RECEIVED
MAY 27 2003
DEP
SOUTHWEST DISTRICT

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
SECOND QUARTER 2003
COMPOST REPORT**
Conducted for
Mr. GARY BREEDEN
May 16, 2003



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Engineering and Materials Testing

Reply to:

Leesburg

May 16, 2003

Sumter County Solid Waste Facility
P.O. Box 1066
Bushnell, FL 33513

Attn: Mr. Lonnie Cash

Re: Second Quarter 2003 Compost Testing Results
Sumter County Solid Waste Facility

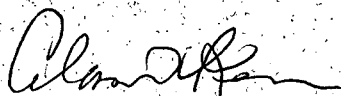
Dear Mr. Cash

Central Testing Laboratory (CTL) has received the results of the second quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on April 9, 2003 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Very Truly Yours,
CENTRAL TESTING LABORATORY



Alan D. Kerr
Environmental Specialist


Theodore J. Strouse, P.E.
President
Florida Registration No. 48220

5/26/03

Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Garry Breeden

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 91% (Volatile Solids from Raw sample per STL report)

OMK = 77% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (77(100 - 91) / 91(100 - 77))]100$$

$$1 - (693 / 2093) 100$$

$$(1 - 0.3311036) 100$$

$$0.662296 \times 100 = 66.89$$

Reduction of Matter = 66.89%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 203.23g

Weight of inorganic material held back by 1/4 inch screen = 1.55g

Weight of glass = 0.97g 0.48% of total weight of sample

Weight of plastic = 0.58g 0.29% of total weight of sample

$$0.48 + 0.29 = 0.77\% \text{ of total weight of sample}$$

Foreign Matter Content = 0.77%





STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Analytical Report

Report To: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project Name: Sumter County Public Works Landfill
STL Log Number: B351306
Report Date: April 21, 2003

Results Pages 1 through 6 (excluding cover page)

Nancy Robertson, Project Manager
nrobertson@stl-inc.com

Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-51306
Received: 09 APR 03
Reported: 21 APR 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 170030421

Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
51306-1	SO-1 FINISHED COMPOST	04-09-03/13:05
PARAMETER	51306-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		0.89
Copper, mg/kg dw		160
Lead, mg/kg dw		58
Nickel, mg/kg dw		17
Potassium, %		0.31 %
Zinc, mg/kg dw		410
Prep Date		04.10.03
Analysis Date		04.15.03
Moisture (% Loss on drying @ 105 C) (D2216), %		
		58 %
Analysis Date		04.15.03
Nitrate + Nitrite-N (353.2), mg/kg dw		
		<5.0
Analysis Date		04.18.03
Total Kjeldahl Nitrogen-N (351.3), %		
		1.3 %
Analysis Date		04.16.03
Total Nitrogen (351.2+353.2), %		
		1.3 %
Phosphorus, Total (365.2), %		
		0.48 %
Analysis Date		04.14.03



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-51306
Received: 09 APR 03
Reported: 21 APR 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 170030421

Page 2

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
51306-1	SO-1 FINISHED COMPOST	04-09-03/13:05
PARAMETER		51306-1
pH (9045), units		5.9
Analysis Date		04.14.03
Fecal Coliform MPN (SM9221C), MPN/100ml		9000
Analysis Date		04.10.03
Volatile Solids (EPA/CE-81-1(3-59)), %		77 %
Analysis Date		04.15.03
Percent Solids		42



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-51306
Received: 09 APR 03
Reported: 21 APR 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

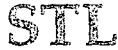
Sampled By: Client

Code: 170030421

Page 3

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
51306-2	SO-2 RAW	04-09-03/13:10
PARAMETER		51306-2
Moisture (% Loss on drying @ 105 C) (D2216), %		52 %
Analysis Date		04.15.03
Volatile Solids (EPA/CE-81-1(3-59)), %		91 %
Analysis Date		04.15.03



LOG NO: B3-51306
 Received: 09 APR 03
 Reported: 21 APR 03

Mr. Al Kerr
 Central Testing Laboratories
 723 South 14th Street
 Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
 Sampled By: Client
 Code: 112530421

REPORT OF RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
51306-3	Reporting Limit (RL)	
PARAMETER		51306-3
ICP Metals (6010)		
Cadmium, mg/kg dw		0.50
Copper, mg/kg dw		2.0
Lead, mg/kg dw		0.50
Nickel, mg/kg dw		4.0
Potassium, mg/kg dw		100
Zinc, mg/kg dw		2.0
Nitrate + Nitrite-N (353.2), mg/kg dw		5.0
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		10
Phosphorus, Total (365.2), mg/kg (dw)		25
Fecal Coliform MPN (SM9221C), MPN/100ml		2



STL

LOG NO: B3-51306
Received: 09 APR 03
Reported: 21 APR 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
Sampled By: Client
Code: 112530421

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED				
51306-4	Method Blank					
51306-5	Accuracy (%Rec)					
51306-6	LCS Accuracy Control Limit (%R)					
51306-7	Precision (%RPD)					
51306-8	LCS Precision Control Limit (Advisory) %RPD					
PARAMETER		51306-4	51306-5	51306-6	51306-7	51306-8
ICP Metals (6010)						
Cadmium, mg/kg dw		<0.50	95 %	75-125 %	1.9 %	<20 %
Copper, mg/kg dw		<2.0	96 %	75-125 %	1.2 %	<20 %
Lead, mg/kg dw		<0.50	87 %	75-125 %	2.2 %	<20 %
Nickel, mg/kg dw		<4.0	96 %	75-125 %	2.8 %	<20 %
Potassium, mg/kg dw		<100	92 %	75-125 %	0.95 %	<20 %
Zinc, mg/kg dw		<2.0	103 %	75-125 %	12 %	<20 %
Prep Date		04.10.03	04.10.03	---	04.10.03	---
Analysis Date		04.15.03	04.15.03	---	04.15.03	---
Moisture (% Loss on drying @ 105 C) (D2216), %		<0.10	101 %	80-120 %	0.30 %	<25 %
Analysis Date		04.15.03	04.15.03	---	04.15.03	---
Nitrate + Nitrite-N (353.2), mg/kg dw		<5.0	90 %	75-125 %	0.60 %	<30 %
Analysis Date		04.18.03	04.18.03	---	04.18.03	---
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		<10	97 %	63-135 %	1.7 %	<50 %
Analysis Date		04.16.03	04.16.03	---	04.16.03	---

LOG NO: B3-51306
Received: 09 APR 03
Reported: 21 APR 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
Sampled By: Client
Code: 112530421

REPORT OF RESULTS

Page 6

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/	TIME SAMPLED		
51306-4	Method Blank				
51306-5	Accuracy (%Rec)				
51306-6	LCS Accuracy Control Limit (%R)				
51306-7	Precision (%RPD)				
51306-8	LCS Precision Control Limit (Advisory) %RPD				
PARAMETER	51306-4	51306-5	51306-6	51306-7	51306-8
Phosphorus, Total (365.2), mg/kg(dw)	<25	95 %	60-140 %	2.1 %	<40 %
Analysis Date	04.14.03	04.14.03	---	04.14.03	---
pH (9045), units	7.4	90 %	63-158 %	0.17 %	<40 %
Analysis Date	04.14.03	04.14.03	---	04.14.03	---
Fecal Coliform MPN (SM9221C), MPN/100ml	<2	---	NA	121 %	<200 %
Analysis Date	04.10.03	---	---	04.10.03	---

Methods: EPA 600/4-79-020, EPA SW-846, Standard Methods
DOH Certification #E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

NA = Not Applicable



Nancy Robertson, Project Manager

Final Page Of Report

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

**SEVERN
TRENT**

STL

B3 51306

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>SCPiv LANDFILL</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>FL</i>	MATRIX TYPE	REQUIRED ANALYSIS										PAGE <i>1</i>	OF <i>1</i>
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	% MOISTURE	ORGANIC MATTER	T. NITROGEN	T. PHOSPHORUS	Cd, Cu, K, Pb, Ni, Zn	PH	Fecal Coliform	(MPN)	ORGANIC MATTER	STANDARD REPORT DELIVERY		
CLIENT (SITE) PM <i>Karl Reicherford Jr.</i>	CLIENT PHONE <i>352-757-1268</i>	CLIENT FAX <i>352-728-2245</i>											DATE DUE _____		
CLIENT NAME <i>Central Testing Labs</i>	CLIENT E-MAIL <i>ENVIROCTL@aol.com</i>												EXPEDITED REPORT DELIVERY (SURCHARGE)		
CLIENT ADDRESS <i>723 S. 14th Street Leesburg, FL 34748</i>													DATE DUE _____		
COMPANY CONTRACTING THIS WORK (if applicable)													NUMBER OF COOLERS SUBMITTED PER SHIPMENT:		

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
<i>04/09/03</i>	<i>13:05</i>	<i>SO-1 FINISHED COMPOST</i>	<i>C</i>	<i>X</i>				<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>			
<i>04/09/03</i>	<i>13:10</i>	<i>SO-2 Raw</i>	<i>C</i>	<i>X</i>				<i>X</i>	<i>X</i>									

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>04/09/03</i>	TIME <i>14:05</i>	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>04/09/03</i>	TIME <i>15:55</i>
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>04/09/03</i>	TIME <i>14:05</i>	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>04/09/03</i>	TIME <i>15:55</i>

LABORATORY USE ONLY						
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>4-9-03</i>	TIME <i>1620</i>	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. <i>N/S</i>	STL TAMPA LOG NO. <i>B351306</i>	LABORATORY REMARKS

**SUMTER COUNTY PUBLIC WORKS
LANDFILL
FIRST QUARTER 2003
COMPOST REPORT**
Conducted for
Mr. GARY BREEDEN
March 10, 2003

RECEIVED
MAR 19 2003
D.E.P.
SOUTHWEST DISTRICT



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

Engineering and Materials Testing

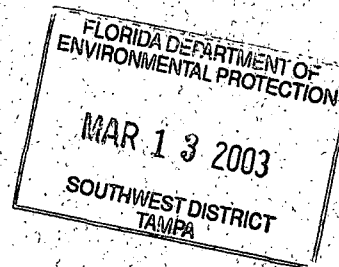
Reply to:

Leesburg

March 10, 2003

Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Attn: Ms. Susan Pelz, P.E.

Re: First Quarter 2003 Compost Testing Results
Sumter County Solid Waste Facility

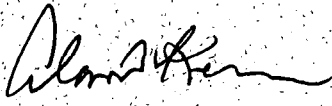
Dear Ms. Pelz:

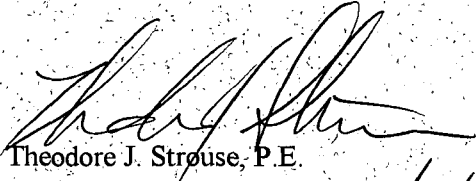
Central Testing Laboratory (CTL) has received the results of the first quarter classification testing for the compost produced at the above referenced facility. A composite compost sample was collected for the purpose of analysis and classification on February 20, 2003 at the facility. The samples were analyzed and classified in accordance with the Florida Administrative Code (FAC) Chapter 62-709, Criteria for the Production and Use of Compost Made from Solid Waste.

Based on the attached results, currently the compost is classified as **Type A** 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

We hope that the provided information meets your needs at the present time. Should you have any questions or require additional information, please contact our office.

Very Truly Yours,
CENTRAL TESTING LABORATORY


Alan D. Kerr
Environmental Specialist


Theodore J. Strouse, P.E.
President
Florida Registration No. 48220 3/10/03

Attachments

cc: Ms. Susan Pelz, P.E.
Mr. Lonnie Cash
Mr. Garry Breeden

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Central Testing Laboratory Report of Results

Reduction of Organic Matter per 62-709.530(h)

$$\%ROM = [1 - (OMK(100 - OM) / OM(100 - OMK))]100$$

where %ROM = Reduction of Organic Matter

OM = organic matter content of dry matter before decomposition

OMK = organic matter content of dry matter after decomposition

OM = 44% (Volatile Solids from Raw sample per STL report)

OMK = 31% (Volatile Solids from Finished Compost sample per STL report)

$$[1 - (31(100 - 44) / 44(100 - 31))]100$$

$$1 - (1736 / 3036) 100$$

$$(1 - 0.571805) 100$$

$$0.428195 \times 100 = 42.82$$

Reduction of Matter = 42.82%

Foreign Matter Content per 62-709.530(f)

Dry weight of Finished Compost sample = 197.62g

Weight of inorganic material held back by ¼ inch screen = 2.69g

Weight of glass = 1.90g 0.96% of total weight of sample

Weight of plastic = 0.79g 0.4% of total weight of sample

$$0.96 + 0.4 = 1.36\% \text{ of total weight of sample}$$

Foreign Matter Content = 1.36%



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Case Narrative: STL Project B350633

Client: Central Testing Laboratories

Project: Sumter County Public Works Landfill

Laboratory: STL Tampa

Two solid samples, one liquid sample and two air samples were received on February 20, 2003 and logged in as STL Project B350633.

No QA/QC issues were noted.



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Positive Results Summary Report

Report To: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project Name: Sumter County Public Works Landfill
STL Log Number: B350633
Report Date: February 28, 2003

Results Pages 1 through 4 (excluding cover page)



Nancy Robertson, Project Manager
nrobertson@stl-inc.com



STL

LOG NO: B3-50633
Received: 20 FEB 03
Reported: 28 FEB 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 161230228

Page 1

POSITIVE RESULTS SUMMARY REPORT

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
50633-1	SO-1 FINISHED COMPOST	02-20-03/09:30
PARAMETER	50633-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		0.75
Copper, mg/kg dw		140
Lead, mg/kg dw		82
Nickel, mg/kg dw		15
Potassium, mg/kg dw		2800
Zinc, mg/kg dw		450
Moisture (% Loss on drying @ 105 C) (D2216), %		57 %
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		14000
Total Nitrogen (351.2+353.2), mg/kg dw		14000
Phosphorus, Total (365.2), mg/kg dw		39
pH (9045), units		5.3
Fecal Coliform MPN (SM9221C), MPN/100ml		>1600
Volatile Solids (EPA/CE-81-1(3-59)), %		31 %



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-50633
Received: 20 FEB 03
Reported: 28 FEB 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 161230228

Page 2

POSITIVE RESULTS SUMMARY REPORT

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
50633-2	SO-2 RAW	02-20-03/08:15
PARAMETER	50633-2	
Moisture (% Loss on drying @ 105 C) (D2216), %	53 %	
Volatile Solids (EPA/CE-81-1(3-59)), %	44 %	



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Analytical Report

Report To: Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project Name: Sumter County Public Works Landfill
STL Log Number: B350633
Report Date: February 28, 2003

Results Pages 1 through 12 (excluding cover page)



Nancy Robertson, Project Manager
nrobertson@stl-inc.com



LOG NO: B3-50633
 Received: 20 FEB 03
 Reported: 28 FEB 03

Mr. Al Kerr
 Central Testing Laboratories
 723 South 14th Street
 Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
 Sampled By: Client
 Code: 161230228
 Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
50633-1	SO-1 FINISHED COMPOST	02-20-03/09:30
PARAMETER	50633-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		0.75
Copper, mg/kg dw		140
Lead, mg/kg dw		82
Nickel, mg/kg dw		15
Potassium, mg/kg dw		2800
Zinc, mg/kg dw		450
Prep Date		02.21.03
Analysis Date		02.24.03
Moisture (% Loss on drying @ 105 C) (D2216), %		57 %
Analysis Date		02.21.03
Nitrate + Nitrite-N (353.2), mg/kg dw		<5.0
Analysis Date		02.27.03
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		14000
Analysis Date		02.26.03
Total Nitrogen (351.2+353.2), mg/kg dw		14000
Phosphorus, Total (365.2), mg/kg dw		39
Prep Date		02.27.03
Analysis Date		02.27.03



STL

LOG NO: B3-50633
Received: 20 FEB 03
Reported: 28 FEB 03

Mr. Al. Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 161230228

Page 2

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
50633-1	SO-1 FINISHED COMPOST	02-20-03/09:30
PARAMETER	50633-1	
pH (9045), units	5.3	
Analysis Date	02.20.03	
Fecal Coliform MPN (SM9221C), MPN/100ml	>1600	
Analysis Date	02.20.03	
Volatile Solids (EPA/CE-81-1(3-59)), %	31 %	
Analysis Date	02.21.03	
Percent Solids	43	



STL

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

LOG NO: B3-50633
Received: 20 FEB 03
Reported: 28 FEB 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL

Sampled By: Client

Code: 161230228

Page 3

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
50633-2	SO-2 RAW	02-20-03/08:15
PARAMETER	50633-2	
Moisture (% Loss on drying @ 105 C) (D2216), %	53 %	
Analysis Date	02.21.03	
Volatile Solids (EPA/CE-81-1(3-59)), %	44 %	
Analysis Date	02.21.03	



STL

LOG NO: B3-50633
Received: 20 FEB 03
Reported: 28 FEB 03

Mr. Al Kerr
Central Testing Laboratories
723 South 14th Street
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
Sampled By: Client
Code: 161230228
Page 6

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
50633-6	Reporting Limit (RL)	
PARAMETER		50633-6
ICP Metals (6010)		
Cadmium, mg/kg dw		0.50
Copper, mg/kg dw		2.0
Lead, mg/kg dw		0.50
Nickel, mg/kg dw		4.0
Potassium, mg/kg dw		100
Zinc, mg/kg dw		2.0
Nitrate + Nitrite-N (353.2), mg/kg dw		5.0
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		50
Phosphorus, Total (365.2), mg/kg dw		25
Fecal Coliform MPN (SM9221C)		2.0

LOG NO: B3-50633
 Received: 20 FEB 03
 Reported: 28 FEB 03

Mr. Al Kerr
 Central Testing Laboratories
 723 South 14th Street
 Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
 Sampled By: Client
 Code: 161230228

REPORT OF RESULTS

Page 7

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED				
50633-7	Method Blank					
50633-8	Accuracy (%Rec)					
50633-9	LCS Accuracy Control Limit (%R)					
50633-10	Precision (%RPD)					
50633-11	LCS Precision Control Limit (Advisory) %RPD					
PARAMETER		50633-7	50633-8	50633-9	50633-10	50633-11
ICP Metals (6010)						
Cadmium, mg/kg dw		<0.50	81 %	75-125 %	0 %	<20 %
Copper, mg/kg dw		<2.0	88 %	75-125 %	1.1 %	<20 %
Lead, mg/kg dw		<0.50	88 %	75-125 %	0.93 %	<20 %
Nickel, mg/kg dw		<4.0	82 %	75-125 %	0 %	<20 %
Potassium, mg/kg dw		<100	100 %	75-125 %	1.5 %	<20 %
Zinc, mg/kg dw		<2.0	87 %	75-125 %	7.3 %	<20 %
Prep Date		02.21.03	02.21.03	---	02.21.03	---
Analysis Date		02.24.03	02.24.03	---	02.24.03	---
Moisture (% Loss on drying @ 105 C) (D2216), %		<0.10	101 %	80-120 %	0.20 %	<25 %
Analysis Date		02.21.03	02.21.03	---	02.21.03	---
Nitrate + Nitrite-N (353.2), mg/kg dw		<5.0	99 %	75-125 %	0.94 %	<30 %
Analysis Date		02.27.03	02.27.03	---	02.27.03	---
Total Kjeldahl Nitrogen-N (351.3), mg/kg dw		<50	100 %	65-135 %	1.1 %	<50 %
Analysis Date		02.26.03	02.26.03	---	02.26.03	---

LOG NO: B3-50633
 Received: 20 FEB 03
 Reported: 28 FEB 03

Mr. Al Kerr
 Central Testing Laboratories
 723 South 14th Street
 Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL
 Sampled By: Client
 Code: 161230228
 Page 8

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED			
50633-7	Method Blank				
50633-8	Accuracy (%Rec)				
50633-9	LCS Accuracy Control Limit (%R)				
50633-10	Precision (%RPD)				
50633-11	LCS Precision Control Limit (Advisory) %RPD				
PARAMETER	50633-7	50633-8	50633-9	50633-10	50633-11
Phosphorus, Total (365.2), mg/kg dw	<25	100 %	60-140 %	0.33 %	<40 %
Analysis Date	02.27.03	02.27.03	---	02.27.03	---
pH (9045), units	6.3	100 %	63-158 %	0 %	<40 %
Analysis Date	02.20.03	02.20.03	---	02.20.03	---
Fecal Coliform MPN (SM9221C), MPN/100ml	<2.0	---	NA	0 %	<200 %
Analysis Date	02.20.03	---	---	02.20.03	---

SAMPLE CUSTODY CHECKLIST / EXCURSIONS

STL LOG NUMBER: B35 0633

CLIENT: LTL

DATE: 2-20-03 TIME: 1448

BAILERS RECEIVED: -

TEMP: 4

INITIALS: [Signature]

DELIVERED BY:

SAMPLE ID	ENCORES			AQUEOUS														NONAQUEOUS				DELIVERED BY:				
	CH3OH	H2O	NaHSO4H2O	L n/m plastic	L n/m amber glass w/TFE	500 ml m/m plastic	500 ml m/m amber glass	1 L w/m glass	250 ml m/m nalgene	125 ml m/m amber glass w/T	100 ml m/m plastic	Bacti Cups	40 ml vial w/TFE	500 ml w/m glass	500 ml w/m plastic	250 ml w/m plastic	125 ml w/m amber glass w/TFE	100 ml w/m plastic	250 ml w/m glass	Encores	Tedlar Bag/VACU Sampler		Ziplock Baggage			
Leachate																										
Finished Compost																										
RAW																										
Outside Air																										
Air Scrubber																										

- FEDEX
- UPS
- BUS
- CL
- STL
- OTHER X
- Additional Info

Chain of Custody Record

3 50633



Severn Trent Laboratories, Inc.

STL-4124 (1200)

Client CENTRAL TESTING LABORATORY		Project Manager		Date 2/20/03	Chain of Custody Number 086582
Address 723 SOUTH 14TH STREET		Telephone Number (Area Code)/Fax Number 852-787-1268 852-782-2245		Lab Number	
City LEESBURG	State FL	Zip Code 34748	Site Contact AL KEAR	Page 1 of 1	
Project Name and Location (State) SUMNER COUNTY PUBLIC WORKS LANDFILL		Carrier/Waybill Number		Analysis (Attach list if more space is needed)	
Contract/Purchase Order/Quote No.		Matrix		Containers & Preservatives	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives								Special Instructions/ Conditions of Receipt									
			Air	Aqueous	Sed.	Soil	SOLID	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	7% MULTISC.	CHROMIUM MATTER		T. ARSENIC	T. PHOSPHORUS	Cd, Cu, K, Pb, Ni	Zn	MH	FRAG. DOLPHOM	(MUN) (GRAM VSS)	REDUCTAN-IV	ORGANIC MATTER
SO-1 FINISHED COMPOST	2/20/03	9:30					X								X	X	X	X	X	X	X		X		
SO-2 RAW	2/20/03	8:15					X								X	X	X	X	X	X	X		X		

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal: Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify)

1. Relinquished By <i>Al Kear</i>	Date 2/20/03	Time 10:15	1. Received By <i>Bob Curran</i>	Date 2/20/03	Time 10:15
2. Relinquished By <i>Bob Curran</i>	Date 2/20/03	Time 11:30	2. Received By <i>Charles E. Volz</i>	Date 2-20-03	Time 11:30
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy