

# Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

November 19, 2002

Leesburg

FL Dept. of Environmental Protection  
2600 Blair Stone Road MS 4565  
Tallahassee, FL 32399-2400

Attn: Solid Waste Section

RE: Fourth Quarter 2002 Compost Testing Results  
Sumter County Solid Waste Facility

**RECEIVED**

**NOV 25 2002**

**Solid Waste Section**

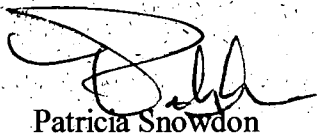
Dear Sir or Madam:

Central Testing Laboratory 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 28, 2002 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.

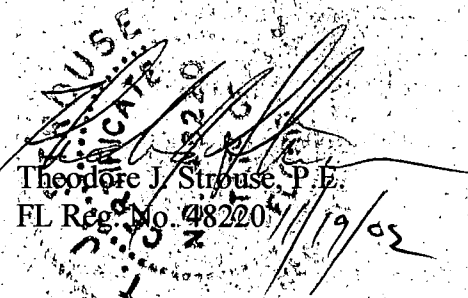
Based on the attached results, currently the compost is classified as **Type A**. 62-709.600, Criteria for the Use of Compost, states compost classified as Type A has unrestricted use by commercial, agricultural, institutional or governmental operations.

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



Patricia Snowdon  
Environmental Specialist



Theodore J. Strouse, P.E.  
FL Reg. No. 48220

Attachments

cc: Ms Susan Pelz  
Mr. Gary Breeden  
Mr. Terry 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



**Case Narrative:** STL Project B214208

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**Client:** Central Testing Laboratories

**Project:** Sumter County Public Works Landfill

**Laboratory:** STL Tampa

Two solid samples were received on October 28, 2002 and logged in as STL Project B214208.

No QA/QC issues were noted.



LOG NO: B2-14208  
Received: 28 OCT 02  
Reported: 11 NOV 02

Ms. Patricia Snowdon  
Central Testing Laboratories  
723 South 14th Street  
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL  
Sampled By: Client  
Code: 120121112  
Page 1

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
14208-1	SO-1 FINISHED COMPOST	10-28-02/11:00
PARAMETER	14208-1	
ICP Metals (6010)		
Cadmium, mg/kg dw		1.4
Copper, mg/kg dw		190
Lead, mg/kg dw		75
Nickel, mg/kg dw		23
Potassium, mg/kg dw		3100
Zinc, mg/kg dw		480
Prep Date		11.05.02
Analysis Date		11.06.02
Moisture (% Loss on drying @ 105 C) (D2216), %		54 %
Analysis Date		11.01.02
Total Nitrogen (351.2+353.2), mg/kg		4800
Phosphorus, Total (365.2), mg/l		0.84
Analysis Date		11.05.02
pH (9045), units		5.7
Analysis Date		11.01.02
Fecal Coliform MPN (SM9221C), col/100ml		500
Analysis Date		10.31.02
Volatile Solids (EPA/CE-81-1(3-59)), %		33 %
Analysis Date		11.01.02
Percent Solids		40



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723 South 14th Street  
Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL  
Sampled By: Client  
Code: 120121112  
Page 2

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
14208-2	SO-2 RAW	10-28-02/10:50
PARAMETER	14208-2	
Moisture (% Loss on drying @ 105 C) (D2216), %	48 %	
Analysis Date	11.01.02	
Volatile Solids (EPA/CE-81-1(3-59)), %	45 %	
Analysis Date	11.01.02	
Percent Solids	41	

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Leesburg, FL 34748

Project: SUMTER COUNTY PUBLIC WORKS LANDFILL  
Sampled By: Client  
Code: 120121112  
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REPORT OF RESULTS

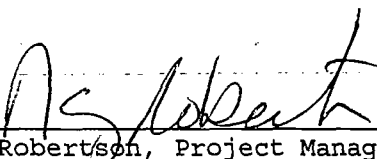
LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED				
14208-3	Method Blank					
14208-4	Accuracy (%Rec)					
14208-5	LCS Accuracy Control Limit (%R)					
14208-6	Precision (%RPD)					
14208-7	LCS Precision Control Limit (Advisory) %RPD					
PARAMETER		14208-3	14208-4	14208-5	14208-6	14208-7
pH (9045), units		6.1	98 %	63-158 %	0 %	<40 %
Analysis Date		11.01.02	11.01.02	---	11.01.02	---
Fecal Coliform MPN (SM9221C), col/100ml		<2	---	NA	0 %	<200 %
Analysis Date		10.31.02	---	---	10.31.02	---

Methods: EPA SW-846, EPA 600/4-79-020, 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





November 14, 2002.

Sumter County Solid Waste Facility  
Sumterville, FL

Foreign Matter Content Of Compost Made From Solid Waste  
(Procedure per 62-709.530(f))

Date Sample Collected: 10/28/2002

Date Tested: 11/14/2002

Technician: Patricia Snowdon

**Sample #1**

Total Dry Sample Weight	1272.50g
Tare No. 1 Weight	- 254.10g
Net Dry Sample Weight	1018.40g

Total Dry Inorganic Weight	652.30g
Less Tare Weight	- 254.10g
Net Dry Inorganic Weight	398.20g

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

(Wt Separated Divided By Wt Total)

**Formula:**

$$\frac{\text{Foreign Matter Content}}{\text{Total Dry Sample Weight}} \times 100 = \% \text{ Foreign Matter}$$