

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Brad Rickard  
Athens-Clarke County Georgia  
5700 Lexington Hwy  
Winterville, Georgia 30683

Generated 10/7/2024 3:07:59 PM Revision 1

## JOB DESCRIPTION

Composit  
Clarke County Landfill

## JOB NUMBER

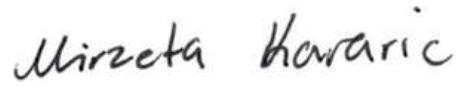
705-6764-1

# Eurofins Atlanta

## Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

## Authorization



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Revision 1

Authorized for release by  
Mirzeta Kararic, Project Manager  
[mirzeta.kararic@et.eurofinsus.com](mailto:mirzeta.kararic@et.eurofinsus.com)  
(770)457-8177

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# Definitions/Glossary

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.	1
□	Listed under the "D" column to designate that the result is reported on a dry weight basis	2
%R	Percent Recovery	3
CFL	Contains Free Liquid	4
CFU	Colony Forming Unit	5
CNF	Contains No Free Liquid	6
DER	Duplicate Error Ratio (normalized absolute difference)	7
Dil Fac	Dilution Factor	8
DL	Detection Limit (DoD/DOE)	9
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	10
DLC	Decision Level Concentration (Radiochemistry)	11
EDL	Estimated Detection Limit (Dioxin)	12
LOD	Limit of Detection (DoD/DOE)	13
LOQ	Limit of Quantitation (DoD/DOE)	14
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	



Analytical Environmental Services, Inc.  
3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177  
**CHAIN OF CUSTODY**

Work Order: \_\_\_\_\_  
Page 1 of 1

COMPANY: <i>Clarke County Landfill</i>		ADDRESS: <i>5700 Lexington Hwy Winterville, GA 30683</i>		ANALYSIS REQUESTED				Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers <i>1</i>
PHONE: <i>706-296-3557</i>		EMAIL: <i>brad.rickard@accgov.com</i>		Fecal Coliform					
SAMPLED BY: <i>Brad Rickard</i>		SIGNATURE: <i>CR</i>		PRESERVATION (see codes)				REMARKS	
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)			
		DATE	TIME						
1	<i>Biosolid Compost</i>	<i>9-11</i>	<i>8:30a</i>	<i>X</i>	<i>SO</i>	<i>✓</i>			<i>1</i>
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RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION	
<i>CR</i> 9/11/24 10:27a		1. <i>Anna Neal 9-11-24 10:27</i>						PROJECT NAME: <i>Compost</i>	
2.		2.		2.3# \$265				PROJECT #: _____	
3.		3.						SITE ADDRESS: _____	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		OUT: / / VIA: _____		SEND REPORT TO: <i>Brad Rickard</i>		Turnaround Time (TAT) Request in Business Days:	
				IN: / / VIA: _____		INVOICE TO (IF DIFFERENT FROM ABOVE): <i>Clarke County Landfill</i>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush* (auth req'd) <input type="checkbox"/> Other _____	
				other: _____		QUOTE #: _____ PO#: _____		*Surcharges apply for Rush TAT	
REGULATORY PROGRAM (if any): _____									
DATA PACKAGE: I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>									

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air   GW = Groundwater   SE = Sediment   SO = Soil   SW = Surface Water   ST=Stormwater   WW = Waste Water   W = Water (Blanks)   DW = Drinking Water (Blanks)   O = Other (specify)   3.18.21\_COC

Preservative Codes: H+I = Hydrochloric acid + ice   I = Ice only   N = Nitric acid   S+I = Sulfuric acid + ice   S/M+I = Sodium Bisulfate/Methanol + ice   NaOH = SH   O = Other (specify)   NA = None

White Copy - Original  Copy  Client  10/7/2024 (Rev. 1)

# Case Narrative

Client: Athens-Clarke County Georgia  
Project: Composit

Job ID: 705-6764-1

**Job ID: 705-6764-1**

**Eurofins Atlanta**

## Job Narrative 705-6764-1

### REVISION

The report being provided is a revision of the original report sent on 10/4/2024. The report (revision 1) is being revised due to client name was updated on the reports.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### **Receipt**

The sample was received on 9/11/2024 10:27 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

### **Biology**

Method 9222D\_24H: The following sample(s) was diluted due to the nature of the sample matrix: 705-6764-A-1. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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# Client Sample Results

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

## Client Sample ID: Biosolid Compost

Date Collected: 09/11/24 08:30  
Date Received: 09/11/24 10:27

Lab Sample ID: 705-6764-1  
Matrix: Soil

### Method: SM 9222D - 2015 - Coliforms, Fecal (Membrane Filter)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	ND		17	CFU/g D.W.			09/11/24 18:50	100

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## Detection Summary

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

### **Client Sample ID: Biosolid Compost**

No Detections.

### **Lab Sample ID: 705-6764-1**

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This Detection Summary does not include radiochemical test results.

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## 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Login Sample Receipt Checklist

Client: Athens-Clarke County Georgia

Job Number: 705-6764-1  
SDG Number: Clarke County Landfill

**Login Number: 6764**

**List Source: Eurofins Atlanta**

**List Number: 1**

**Creator: Gay, Dalton**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# Lab Chronicle

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

## Client Sample ID: Biosolid Compost

Date Collected: 09/11/24 08:30

Date Received: 09/11/24 10:27

## Lab Sample ID: 705-6764-1

Matrix: Soil

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9222D - 2015		100	12170	TGT	EET ATL	09/11/24 18:50

### Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

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# QC Sample Results

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

## Method: 9222D - 2015 - Coliforms, Fecal (Membrane Filter)

Lab Sample ID: MB 705-12170/1

Matrix: Solid

Analysis Batch: 12170

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	ND		0.1	CFU/g D.W.			09/11/24 18:50	1

Lab Sample ID: MB 705-12170/3

Matrix: Solid

Analysis Batch: 12170

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	ND		0.1	CFU/g D.W.			09/11/24 18:50	1

Client Sample ID: Method Blank  
Prep Type: Total/NA

Client Sample ID: Method Blank  
Prep Type: Total/NA

# Accreditation/Certification Summary

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

## Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
9222D - 2015		Soil	Coliform, Fecal

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## Method Summary

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

Method	Method Description	Protocol	Laboratory
9222D - 2015	Coliforms, Fecal (Membrane Filter)	SM	EET ATL

**Protocol References:**

SM = "Standard Methods For The Examination Of Water And Wastewater"

**Laboratory References:**

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

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## Sample Summary

Client: Athens-Clarke County Georgia  
Project/Site: Composit

Job ID: 705-6764-1  
SDG: Clarke County Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
705-6764-1	Biosolid Compost	Soil	09/11/24 08:30	09/11/24 10:27

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**END OF REPORT**

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