

ANALYTICAL REPORT

Job Number: 420-155382-1

SDG Number: 14234

Job Description: Ulster County Resource Recovery Agency

For:

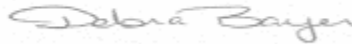
Ulster County Resource Recovery Agency

PO Box 6219

999 Flatbush Road

Kingston, NY 12402

Attention: Mr. Charles Wittiker



Debra Bayer

Customer Service Manager

dbayer@envirotestlaboratories.com

06/28/2019

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

Envirotest Laboratories, Inc.

315 Fullerton Avenue, Newburgh, NY 12550

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METHOD SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-155382-1

SDG Number: 14234

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Salmonella in Sewage Sludge	EnvTest	EPA 1682	
Sterile Water Suspension	EnvTest		EPA SterileWatSusp

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-155382-1

SDG Number: 14234

Method	Analyst	Analyst ID
EPA 1682	Cusack, Renee	RC
SM SM2540B PSOL	Motley, Erika	em

SAMPLE SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-155382-1

SDG Number: 14234

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-155382-1	Compost	Solid	06/17/2019 0945	06/17/2019 1135

Analytical Data

Client: Ulster County Resource Recovery Agency

Job Number: 420-155382-1

Sdg Number: 14234

Biology

Client Sample ID: Compost

Lab Sample ID: 420-155382-1

Date Sampled: 06/17/2019 0945

Client Matrix: Solid

% Moisture: 39.1

Date Received: 06/17/2019 1135

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Salmonella	<0.11		MPN/4g	0.11	0.11	1.0	1682
	Anly Batch:	Date Analyzed	06/17/2019	1300			DryWt Corrected: Y
	Prep Batch:	Date Prepared:	06/19/2019	1300			

General Chemistry

Client Sample ID: Compost

Lab Sample ID: 420-155382-1

Date Sampled: 06/17/2019 0945

Client Matrix: Solid

Date Received: 06/17/2019 1135

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	61		%	0.10	0.10	1.0	SM2540B PSOL
	Anly Batch:	Date Analyzed	06/18/2019	1707			

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Certification Information

The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide Carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (Soluble), Total Inorganic Carbon, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, 1,2,4,5-Tetramethylbenzene, 4-Ethyl toluene, p-Diethylbenzene, Iron Bacteria, Salmonella, Sulfur Reducing Bacteria, & UOD (Ultimate Oxygen Demand).

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), o-Xylene (502.2, 524), Sulfide (SM4500SD), Acenaphthene (525.2), Acenaphthylene (525.2), Fluoranthene (525.2), Fluorene (525.2), Phenanthrene (525.2), Anthracene (525.2), Pyrene (525.2), Benzo[a]anthracene (525.2), Benzo[b]fluoranthene (525.2), Benzo[g,h,i]perylene (525.2), Benzo[k]fluoranthene (525.2), Indeno[1,2,3-cd]pyrene (525.2), & Dibenz(a,h)anthracene (525.2).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation:

Dissolved Organic Carbon (5310C), Mecoprop (8151A), MCPA (8151A), Propylene Glycol (8015D).

Definitions and Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent.
ND	Not detected at the reporting limit (or MDL if shown).
QC	Quality Control
RL	Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.
RPD	Relative Percent Difference - a measure of the relative difference between two points.

CUSTOMER NAME	UCRRA
ADDRESS	999 Flatbush Rd
CITY, STATE, ZIP	Kingston NY 12401
NAME OF CONTACT	Angelina Peone
PHONE NO.	845.336.0600
PROJECT LOCATION	Kingston NY
PROJECT NUMBER PO NO	14234

REPORT TYPE	STANDARD <input type="checkbox"/> ISRA <input type="checkbox"/>	TURNAROUND	<input type="checkbox"/> NORMAL _____
	NJ REG <input type="checkbox"/>		<input type="checkbox"/> QUICK _____
	NYASP A <input type="checkbox"/> B <input type="checkbox"/> CLP <input type="checkbox"/>		<input type="checkbox"/> VERBAL _____
	OTHER _____		

REPORT # (Lab Use Only)	IR#4
SAMPLE TEMP.	33.3° C
SAMPLE REC'D ON ICE	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
ph CHECK	<input type="checkbox"/> Y <input type="checkbox"/> N
CHLORINE (RESIDUAL)	<input type="checkbox"/> Y <input type="checkbox"/> N
REVIEWED BY:	
NY PUBLIC WATER SUPPLIES	
SOURCE ID	_____
ELAP TYPE	_____
FEDERAL ID	_____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP GRAB	MATRIX	CLIENT I.D.	Matrix													DO	Plastic bag	ANALYSIS REQUESTED
						Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NaOH/Zn ACC	40ml Glass Sulfuric			
6/17/19	9:45		✓	SOIL	compost															1	salmonella



420-155382-A-1

Compost
Location: Soil Sample Cooler

Date Sampled: 6/17/2019 420-1350884

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY <i>angelina peone</i>	COMPANY UCRRA	DATE 6/17/19	TIME 9:45 am	RECEIVED BY <i>Thomas A Bressi</i>	COMPANY UCRRA	DATE 6/17/19	TIME 09:52
SAMPLED BY <i>Angelina Peone</i>	COMPANY UCRRA	DATE 6/17/19	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY <i>Th A B</i>	COMPANY UCRRA	DATE 6/17/19	TIME 11:35	RECEIVED BY <i>[Signature]</i>	COMPANY ETL	DATE 6/17/19	TIME 11:35

COMMENTS: Send results to APEO@ucrra.org

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster County Resource Recovery Agency

Job Number: 420-155382-1

SDG Number: 14234

Login Number: 155382

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is recorded.	True	33.3 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	False	
If false, was sample received on ice within 6 hours of collection.	True	
Based on above criteria cooler temperature is acceptable.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	