

#### ANALYTICAL REPORT

Job Number: 420-130402-1

SDG Number: Kingston, NY

Job Description: Ulster County Resource Recovery Agency

For:

Ulster County Resource Recovery Agency
PO Box 6219
999 Flatbush Road
Kingston, NY 12402

Attention: Merlyn Akhtar

Debra Bayer

Subbra Bar

Customer Service Manager dbayer@envirotestlaboratories.com

12/18/2017

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, CTDOPH PH-0554



#### **METHOD SUMMARY**

Client: Ulster County Resource Recovery Agency

Job Number: 420-130402-1 SDG Number: Kingston, NY

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: 420-130402-1

SDG Number: Kingston, NY

Method	Analyst	Analyst ID
EPA 1682	Cusack, Renee	RC
SM SM2540B PSOL	Mastrobuono, Danielle	DM

#### **SAMPLE SUMMARY**

Client: Ulster County Resource Recovery Agency Job Number: 420-130402-1

SDG Number: Kingston, NY

			Date/Time	Date/Time
Lab Sample ID	Client Sample ID	Client Matrix	Sampled	Received
420-130402-1	Compost	Solid	12/11/2017 0940	12/11/2017 1040

# **Analytical Data**

Client: Ulster County Resource Recovery Agency Job Number: 420-130402-1

Sdg Number: Kingston, NY

Biology								
Client Sample ID:	Compost							
Lab Sample ID:	420-130402-1					Date Sampled:		1/2017 0940
Client Matrix:	Solid		% Moisture	e: 29.	1	Date Received:	12/1	1/2017 1040
Analyte		Result	Qual Ur	nits	RL	RL	Dil	Method
Salmonella		0.50	M	PN/4g	0.091	0.091	1.0	1682
	Anly Batch:		Date Analyzed	12/11	/2017 1410		Dry۱	Nt Corrected: Y
	Prep Batch:		Date Prepared:	12/18	3/2017 1410			
			General	Chemis	try			
Client Sample ID:	Compost							
Lab Sample ID:	420-130402-1					Date Sampled:	12/1	1/2017 0940
Client Matrix:	Solid					Date Received:	12/1	1/2017 1040
Analyte		Result	Qual Ur	nits	RL	RL	Dil	Method
Percent Solids		71	%		0.10	0.10	1.0	SM2540B PSOI
	Anly Batch:		Date Analyzed	40/40	2/2017 1408			

### **DATA REPORTING QUALIFIERS**

Lab Section Qualifier Description

#### **Certification Information**

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

Sulfur, Tungsten, Silicon, 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, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

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

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

#### 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).

# **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.

# **EnviroTest**Laboratories Inc.

# **CHAIN OF CUSTODY**

130402

315 Fullerton Avenue Newburgh, NY 12550 TEL (845) 562-0890 FAX (845) 562-0841

								100	- 1 C - FAX (845) 562-0841	
CUSTOMER NAME USER COUNTY RESOURCE ADDRESS	Recovery Agency		R	EPORT T	YPE	TUI	RNARO		REPORT # (Lab Use Only)	
999 HOJBUSH K	d J		STANDA NJ REG	ARD 🗆 IS	SRA 🗆	□ NOR	MAL		7778 143	
CITY, STATE, ZIP  LINGSTON NY 16  NAME OF CONTACT			NYASP	а□ в		□ QUIC			SAMPLE TEMP. 23.0 C	
	1		OTTLET LI VERBAL					ph CHECK □ Y □ N		
PROJECT LOCATION	NY	'			Mote	lv			CHLORINE (RESIDUAL) Y N REVIEWED BY:	
PROJECT LOCATION  PROJECT NUMBER / PO NO.		<u>Matrix</u> DW = DRINKING WATER S = SOIL O = OIL  WW = WASTE WATER SL = SLUDGE GW = GROUND WATER							NY PUBLIC WATER SUPPLIES	
NOTE: SAMPLE TEMPE	RATURE UPON /	<del>; , ,</del>	1	/ / g,	1 1 1		/ · / ·		SOURCE ID	
RECEIPT MUST BE	E 4° ± 2°C. / ⟨s̄s s s s s s s s s s s s s s s s s s	Liter Amber Ho <u>r</u>	1 Amber furic Amber Washed	Plastic Acid Plastic Hydroxid	250ml Plastic Sulfuric Acid 250ml Plastic	Plastic Plastic ZN ACC	Sulfuric 40ml Glass		ELAP TYPE	
ETL SAMPLING Q M MATRIX # (AM) PM 0 25	CLIENT I.D.	Lifer An	250ml Amb Sulfuric Liter Ambe Organic Wast	250ml Plas Nitric Acic Sodium Hydro	250m Sulfur 250m	125ml Plast Sterile 250ml Plast NAOH/ZN AC	Ing / Self	35	ANALYSIS REQUESTED	
	npost 1	1 1						1	SALMONELLA	
									Su Distall	
emanas emanas Marinas										
		-								
Section Sectio										
<b>美国共產</b>									420-130402-A-1	
			_						Compost	
									Date Sampled: 12/11/2017 420-1143692	
SAMPLES SUBMITTED FOR ANALYSIS WILL RELINQUISHED BY		AND CO	ONDITIONS TIME		LESS ALTERI		ARE AGRE		G.  MPANY DATE TIME	
SAMPLED BY MENLEM AKHTOW C		ATE		:40 AM					MPANY DATE TIME	
RELINQUISHED BY 11 C		AFE, L	TIME	10:40AM	n Property			P	MPANY 12/17 18M9 D	
COMMENTS								—— <u> </u>	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
				Dago	9 of 10				12/18/2017	

NYSDOH 10142

NJDEP NY015

CTDOPH PH-0554

**EPA NY00049** 

#### **LOGIN SAMPLE RECEIPT CHECK LIST**

Client: Ulster County Resource Recovery Agency

Job Number: 420-130402-1

SDG Number: Kingston, NY

Login Number: 130402

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	23.2 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	