

## **ANALYTICAL REPORT**

Job Number: 420-126887-1

SDG Number: Kingston

Job Description: Ulster County Resource Recovery Agency

For:

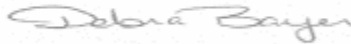
Ulster County Resource Recovery Agency

PO Box 6219

999 Flatbush Road

Kingston, NY 12402

Attention: Mr. Charles Wittiker



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Debra Bayer

Customer Service Manager

dbayer@envirotestlaboratories.com

09/29/2017

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

**Envirotest Laboratories, Inc.**

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## METHOD SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-126887-1

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<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
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: 420-126887-1

SDG Number: Kingston

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 1682	O'Driscoll, Kate	KO
SM SM2540B PSOL	Mastrobuono, Danielle	DM

## SAMPLE SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-126887-1

SDG Number: Kingston

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-126887-1	UCRRA	Solid	09/25/2017 0930	09/25/2017 1030

**Analytical Data**

Client: Ulster County Resource Recovery Agency

Job Number: 420-126887-1

Sdg Number: Kingston

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**Biology**

**Client Sample ID: UCRRA**

Lab Sample ID: 420-126887-1

Date Sampled: 09/25/2017 0930

Client Matrix: Solid

% Moisture: 27.1

Date Received: 09/25/2017 1030

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Analyte	Result	Qual	Units	RL	RL	Dil	Method
Salmonella	<0.099		MPN/4g	0.099	0.099	1.0	1682
	Anly Batch:	Date Analyzed	09/25/2017	1630			DryWt Corrected: Y
	Prep Batch:	Date Prepared:	09/25/2017	1630			

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**General Chemistry**

**Client Sample ID: UCRRA**

Lab Sample ID: 420-126887-1

Date Sampled: 09/25/2017 0930

Client Matrix: Solid

Date Received: 09/25/2017 1030

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Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	73		%	0.10	0.10	1.0	SM2540B PSOL
	Anly Batch:	Date Analyzed	09/25/2017	1523			

## DATA REPORTING QUALIFIERS

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
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## Certification Information

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**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

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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.



126887

CUSTOMER NAME <b>Ulster Cty Resource Recovery Agency</b>	
ADDRESS <b>999 Flatbush Rd</b>	
CITY, STATE, ZIP <b>Kingston NY 12401</b>	
NAME OF CONTACT <b>Merlyn Akhtar</b>	PHONE NO. <b>845-336-0600</b>
PROJECT LOCATION <b>KINGSTON</b>	
PROJECT NUMBER / PO NO. <b>MAKH@UCRRA.ORG</b>	

<b>REPORT TYPE</b>	<b>TURNAROUND</b>
STANDARD <input type="checkbox"/> ISRA <input type="checkbox"/>	<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 _____	

<b>REPORT # (Lab Use Only)</b>
SAMPLE TEMP. <b>29.6°C</b>
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: _____
<b>NY PUBLIC WATER SUPPLIES</b>
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	COMP GRAB	MATRIX	CLIENT I.D.	Matrix												DO	OTHER	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 NACHIZN ACC				40ml Glass Sulfuric
9/25/17	9:30	AM	✓	SOIL	UCRRA	1														SALMONELLA (SOIL/COMPOST)	

LAB USE ONLY



420-126887-A-1  
UCRRA  
Location: Soil Sample Cooler  
Date Sampled: 9/25/2017 420-1110006

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

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
SAMPLED BY <b>Merlyn Akhtar</b>	UCRRA	9/25/17	9:30 AM				
RELINQUISHED BY "	"	9/25/17	10:30 AM				

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster County Resource Recovery Agency

Job Number: 420-126887-1

SDG Number: Kingston

**Login Number: 126887**

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.	True	
Cooler Temperature is recorded.	True	29.6 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	NA	
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	