

ANALYTICAL REPORT

Job Number: 420-164785-1

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
12/20/2019

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

METHOD SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-164785-1

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: 420-164785-1

Method	Analyst	Analyst ID
EPA 1682	Lacy, Megan	ML
SM SM2540B PSOL	Ferrick, Stephanie	SF

SAMPLE SUMMARY

Client: Ulster County Resource Recovery Agency

Job Number: 420-164785-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-164785-1	Compost	Solid	12/16/2019 0900	12/16/2019 1055

Analytical Data

Client: Ulster County Resource Recovery Agency

Job Number: 420-164785-1

Biology

Client Sample ID: Compost

Lab Sample ID: 420-164785-1
Client Matrix: Solid

% Moisture: 54.1

Date Sampled: 12/16/2019 0900
Date Received: 12/16/2019 1055

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Salmonella	<0.14		MPN/4g	0.14	0.14	1.0	1682
	Anly Batch:	Date Analyzed	12/16/2019	1400			DryWt Corrected: Y
	Prep Batch:	Date Prepared:	12/16/2019	1400			

General Chemistry

Client Sample ID: Compost

Lab Sample ID: 420-164785-1
Client Matrix: Solid

Date Sampled: 12/16/2019 0900
Date Received: 12/16/2019 1055

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	46		%	0.10	0.10	1.0	SM2540B PSOL
	Anly Batch:	Date Analyzed	12/16/2019	1702			

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), Biochemical Oxygen Demand (SM 5210B), Chemical Oxygen Demand (EPA 410.4), Dissolved Oxygen (SM 4500 O C), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (353.2), Setttable Solids (SM 2540F), Total Suspended Solids (SM 2540 C), 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).

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.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster County Resource Recovery Agency

Job Number: 420-164785-1

Login Number: 164785

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	18.1 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.	False	
Based on above criteria cooler temperature is acceptable.	True	Method does not require cooling.
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	