



US Composting Council

Seal of Testing Assurance®

Ulster County Resource Recovery Agency

Product – Grow Ulster Green Compost, *Tested once every three months*

www.ucrra.org

999 Flatbush Road
Kingston, New York 12401

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(845) 336-0600

Sample Date : 06/30/2020 Compost UCRRA

Compost Technical Data Sheet

Compost Parameters	Reported as	Test Results
pH		8.0
Soluble salts	dS/m (mmhos/cm)	1.32
Primary plant nutrients	%, dry weight basis	
Nitrogen	Total N	1.14
Phosphorus	P ₂ O ₅	0.74
Potassium	K ₂ O	0.57
Calcium	Ca	8.28
Magnesium	Mg	0.49
Moisture content	%, wet weight basis	32.58
Organic matter content	%, dry weight basis	29.51
Particle size	Screen size passing through	99.6% passing 9.5 mm
Stability (respirometry)	mg CO ₂ -C per g TS per day	0.4
	mg CO ₂ -C per g OM per day	1.0
Maturity (Bioassay)		
Percent emergence	% (average)	100
Relative seedling vigor	% (average)	100
Select Pathogens	PASS/FAIL (Per US EPA Class A standards, 40 CFR § 503.32(a))	PASS
Trace metals	PASS/FAIL (Per US EPA standards, 40 CFR § 503.13, Table 3)	PASS

Participants in the United States Composting Council's Seal of Testing Compliance Program have shown the commitment to test their compost products on a prescribed basis, and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program on the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by contacting the compost producer (address at top of page). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis.



Account No. : 1985

Environmental Sample Analysis Report

**PEONE, ANGELINA
 ULSTER COUNTY RESOURCE RECOVERY AG
 P.O. BOX 6219
 KINGSTON NY 12402**

**Invoice No. : 1120605
 Date Received : 06/29/2020
 Date Analyzed: 06/30/2020**

Lab No. : 2170

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY

Sample ID : UCRA 999 FLATBUSH RD KINGSTON NY

Description :

Analysis

	Solid: Dry Wgt Liquid: As Rcvd	EPA Method Number	Lab. Tech.	Detection Limit
Arsenic As, mg/kg	7.66	3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.55	3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	23.26	3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	61.14	3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	1.75	3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	18.49	3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	34.23	3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	< 0.01	3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	115.51	3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.037	7473	L.D.S	0.01

Microbiological Screening

	Count	Method	Detection Limit
E Coli Bacteria, MPN of CFU/g	0.00	Colilert	1 CFU/g
Fecal Bacteria, MPN of CFU/1g dry basis	100	Col-18 40CFR 136.3	1 CFU/g dry wgt

"<" - Not Detected / Below Detection Limit



Account No. : 1985

Environmental Sample Analysis Report

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ULSTER COUNTY RESOURCE RECOVERY AG
P.O. BOX 6219
KINGSTON NY 12402

Invoice No. : 1120605
Date Received : 06/29/2020
Date Analyzed: 06/30/2020
Lab No. : 2200

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY

Sample ID : UCRRRA 999 FLATBUSH RD KINGSTON NY

Description :
Analysis
Solid: Dry Wgt
Liquid: As Rcvd

EPA Method
Number

Lab.
Tech.

Detection
Limit

Microbiological Screening

Count

Method

Detection
Limit

Salmonella

Not Detected

L. Flow ATEC 13076

1 CFU/g dry wgt



Account No. : 1985

STA Compost (TMECC) Analysis Report

PEONE, ANGELINA
ULSTER COUNTY RESOURCE RECOVERY AG
P.O. BOX 6219
KINGSTON NY 12402

Invoice No. : 1120609
Date Received : 06/29/2020
Date Analyzed: 06/30/2020

Lab No. : 11546

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY

Sample ID : UCRRR 999 FLATBUSH RD KINGSTON NY

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.06	0.71	21.3	14.3	3.6
Ammonium, % N	0.012	0.0080	0.2	0.2	0.1
Nitrate, % N	0.065	0.0440	1.3	0.9	0.9
Total N, % N	1.14	0.77	22.8	15.4	4.6
Phosphorus, % P ₂ O ₅	0.74	0.50	14.9	10.0	7.0
Potassium, % K ₂ O	0.57	0.38	11.4	7.7	6.9
Sulfur, % S	0.32	0.22	6.3	4.3	1.7
Calcium, % Ca	8.28	5.58	165.7	111.7	78.2
Magnesium, % Mg	0.49	0.33	9.9	6.7	4.7
Sodium, % Na	0.20	0.13	4.0	2.7	2.7
Sodium Adsorption Ratio (SAR)	1.82				
Zinc, ppm Zn	97.2	65.5	0.2	0.1	0.1
Iron, ppm Fe	13609.1	9175.3	27.2	18.3	12.8
Manganese, ppm Mn	321.7	216.9	0.6	0.4	0.3
Copper, ppm Cu	39.7	26.8	0.1	0.0	0.1
Aluminum, ppm Al	3245.7	2188.3	6.5	4.4	3.1
Boron, ppm B	23.5	15.8	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		1.32			
pH		8.0			
Moisture, %	32.58				
Dry Matter (TS), %	67.42				
Ash, %	70.49	47.52			
Organic Matter LOI 550C, %	29.51	19.90			
Organic Carbon, %	17.11	11.54			
Organic C:N Ratio	15.0				
Bulk Density, lbs / cubic foot		40			



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Sample ID : UCRA 999 FLATBUSH RD KINGSTON NY**

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				
STA Pathogen Screen		Pass			
Respiration mg CO ₂ -C/g OM/day	1.0				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO ₂ -C/g TS/day	0.4				
Compost Respiration Stability Index		Very Stable			
Maturity Indicator by Germination					
Emergence %		100			
Maturity		Very Mature			
Seedling Vigor %		100			
Maturity		Very Mature			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	25 mm	0.0	100.0
	9.5 mm	0.4	99.6
	No.10 (2 mm)	45.3	54.3
	No.18 (1 mm)	20.0	34.3
	Pan	34.4	0.0

Note: The available first year Ammonium-N is calculated based on maximum availability, or incorporation within 24 hours. Advise a nutrient consultant for adjustments beyond 24 hr incorporation.