



Account No. : 1985

Environmental Sample Analysis Report

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

**Invoice No. : 1118127
 Date Received : 03/10/2020
 Date Analyzed: 03/11/2020**

Lab No. : 1879

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY

Sample ID : COMPOST STOCKPILE

Description :

Description :	Analysis		Lab. Tech.	Detection Limit
	Solid: Dry Wgt Liquid: As Rcvd	EPA Method Number		
Arsenic As, mg/kg	22.62	3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.50	3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	34.25	3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	54.20	3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	2.16	3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	13.77	3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	54.71	3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	< 0.01	3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	158.07	3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.057	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	270	Col-18 40CFR 136.3	1 CFU/g dry wtg
Salmonella	Not Detected	L. Flow ATEC 13076	1 CFU/g dry wtg

"<" - Not Detected / Below Detection Limit



Account No. : 1985

Compost (TMECC) Analysis Report

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

Invoice No. : 1118119
 Date Received : 03/10/2020
 Date Analyzed: 03/11/2020

Lab No. : 11075

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY
 Sample ID : COMPOST STOCKPILE

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.54	0.74	30.8	14.8	3.7
Ammonium, % N	0.030	0.0140	0.6	0.3	0.3
Nitrate, % N	0.048	0.0230	1.0	0.5	0.5
Total N, % N	1.62	0.78	32.4	15.6	4.4
Phosphorus, % P ₂ O ₅	0.95	0.46	19.1	9.2	6.4
Potassium, % K ₂ O	0.51	0.25	10.1	4.9	4.4
Sulfur, % S	0.32	0.15	6.3	3.0	1.2
Calcium, % Ca	7.01	3.37	140.2	67.4	47.2
Magnesium, % Mg	0.45	0.22	8.9	4.3	3.0
Sodium, % Na	0.15	0.07	3.1	1.5	1.5
Zinc, ppm Zn	168.9	81.1	0.3	0.2	0.1
Iron, ppm Fe	10266.6	4932.1	20.5	9.9	6.9
Manganese, ppm Mn	331.4	159.2	0.7	0.3	0.2
Copper, ppm Cu	51.1	24.5	0.1	0.0	0.0
Aluminum, ppm Al	1561.0	749.9	3.1	1.5	1.0
Boron, ppm B	17.5	8.4	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		1.35			
pH		7.8			
Moisture, %	51.96				
Dry Matter (TS), %	48.04				
Ash, %	61.26	29.43			
Organic Matter LOI 550C, %	38.74	18.61			
Organic Carbon, %	22.47	10.79			
Organic C:N Ratio	13.9				
Bulk Density, lbs / cubic foot		53			
Human Inerts & Plastic Film, %		< 0.1			

W.R. Rohrer - AgroLab Inc.

3/24/2020

Copy : 1

Page 1 of 2

Bus: 302/566-6094
 Email: admin@agrolab.us

web site
 www.agrolab.us

101 Clukey Dr.
 Harrington, DE 19952



Account No. : 1985

Compost (TMECC) Analysis Report

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

Invoice No. : 1118119
 Date Received : 03/10/2020
 Date Analyzed: 03/11/2020

Lab No. : 11075

Results For : ULSTER COUNTY RESOURCE RECOVERY AGENCY
 Sample ID : COMPOST STOCKPILE

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
STA 503 H.Metal Screen	Pass				
STA Pathogen Screen		Pass			
Respiration mg CO ₂ -C/g OM/day	0.8				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO ₂ -C/g TS/day	0.7				
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	17.4	82.6
	No.10 (2 mm)	62.8	19.8
	No.18 (1 mm)	12.3	7.5
	Pan	7.5	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.