AgroLab
Serving Agriculture and Soil Fertility Professionals

Account No. : [redacted]

Compost (TMECC) Analysis Report

WILSON, EMILY
OBLIGATION FARM COMPOST
[redacted] SOLOMONS ISLAND ROAD
HARWOOD MD 20776

Invoice No. : 1162490
Date Received : 01/21/2026
Date Analyzed: 01/22/2026
Lab No. : 4576

Results For : OBLIGATION FARM COMPOST
Sample ID : OBLIGATION FARM COMPOST

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton Dry Basis	Lbs / Ton As Is Basis	Lbs / Ton Available First Year
Total N, % N	1.13	0.44	22.6	8.8	3.1
Phosphorus, % P_2O_5	0.79	0.31	15.8	6.2	4.3
Potassium, % K_2O	1.11	0.43	22.1	8.6	7.8
pH		7.7			
Moisture, %	60.94				
Dry Matter (TS), %	39.06				
Human Inerts & Plastic Film, %		< 0.1			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	25 mm	0.0	100.0
	9.5 mm	14.5	85.5
	No.10 (2 mm)	61.0	24.5
	No.18 (1 mm)	22.8	1.7
	Pan	1.7	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.

Reviewed By : AgroLab/Matrix Sciences Inc 1/22/2026 **Copy :** 1

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Account No. : [redacted]

Environmental Sample Analysis Report

WILSON, EMILY
OBLIGATION FARM COMPOST
[redacted] SOLOMONS ISLAND ROAD
HARWOOD MD 20776

Invoice No. : 1162485
Date Received : 01/21/2026
Date Analyzed: 01/22/2026

Lab No. : 4231

Results For : OBLIGATION FARM COMPOST
Sample ID : OBLIGATION COMPOST
Description :

	Analysis Solid: Dry Wgt Liquid: As Rcvd	EPA Method Number	Lab. Tech.	Detection Limit
Arsenic As, mg/kg	2.69	3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.31	3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	7.15	3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	43.09	3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	4.02	3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	5.49	3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	2.26	3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.02	3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	75.56	3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.002	7473	L.D.S	0.01

Microbiological Screening	Count	Method	Detection Limit
Fecal Bacteria, MPN of CFU/1g dry basis	45	TMEC 07.01-B	1 MPN/g dry wgt
Salmonella MPN of CFU/4g	Not Detected	L. Flow ATEC 13076	Pos/Neg/4g dry wgt

Reviewed By : L.D. Severson - AgroLab/Matrix Sciences Inc 1/23/2026 **Copy : 1**

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ANALYTICAL REPORT

Project Name: A4601

Lab Project #: 63657
Lab Sample #: 63657-1
Client Sample ID: A4601 Obligation

Date Sampled: 1/21/2026 3:17 PM
Sampled By: BA
Sample Matrix: Soil
Sample Type:

Analyte	CASRN	Result	Q	Units	Method	RL	Analyst	Date / Time Analysis
PCBs (TCL) - non-aqueous								
PCB-1016	12674-11-2	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1221	11104-28-2	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1232	11141-16-5	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1242	53469-21-9	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1248	12672-29-6	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1254	11097-69-1	2.990		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1260	11096-82-5	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1262	37324-23-5	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
PCB-1268	11100-14-4	ND		mg/kg	8082A	2.500	JG	1/30/2026 2:36 PM
Percent Moisture/Percent Solid								
Total Moisture		66.460		%	2540B	0.1000	JG	1/27/2026 11:44 AM

Akhter Mehmood
Lab Director

DE Certification - C14DE02801E
MD Certification - 292

ANALYTICAL REPORT

Qualifiers

B	Detected in method blank	E	Detected above calibration limits, result estimated
H	Parameter run out of hold time	J	Detected below PQL, result estimated
P	Incorrect Preservative	R	See report notes
SUB	Sub-Contracted to Certified Lab		

Abbreviations

ppm	Parts Per Million (mg/kg or mg/L)	PQL	Practical Quantitation Level
ppb	Parts Per Billion (ug/kg or ug/L)	attached	Subcontract Lab Report Attached
g	gram (1000 g = 1Kg)	ND	Not Detected
kg	kilogram (1 kg = 1000 g)	NA	Not Applicable
mg	milligram (1000 mg = 1 g)	NS	Not Spiked
mg/kg	milligram per kilogram (ppm)	NP	No PCB pattern detected
ug/kg	microgram per kilogram (ppb)	NR	Not Requested
ug	microgram (1000 ug = 1 mg)	NI	Not Ignitable
L	liter (1 L = 1000 mL)	NFL	No Free Liquid
ml	milliliter (1000 ml = 1 L)	NTU	Nephelometric Turbidity Units
ul	microliter (1000 ul = 1 ml)	S.U.	Standard Unit
mg/L	milligram per liter (ppm)	RPD	Relative Percent Difference
ug/L	microgram per liter (ppb)	RSD	Relative Standard Deviation
ng/kg	nanogram per kilogram	MS/MSD	Matrix Spike/Matrix Spike Duplicate
BTU/lb	British Thermal Units per pound	LCS	Laboratory Control Sample
CFU/mL	Colony Forming Units per milliliter	BS	Blank Spike (Method Spike)
MPN/100 ml	Most Probable Number per 100 mL	o F	degrees Fahrenheit
mS/cm	milli Siemans per centimeter	o C	degrees Celsius
uS/cm	micro Siemans per centimeter	umhos	Conductivity Units
ug/sq cm	microgram per square centimeter	ohms	Resistivity Units
ug/sq ft	microgram per square feet	RL	Reporting Limit
ug/wipe	microgram per wipe		

Note: All non-aqueous samples, with the exception of oils, wipes, and paint chips are dry weight corrected

PQL-The Practical Quantitation Limit (PQL) is the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

RL-Reporting Limit is greater than or equal to PQL.