

Analytical Lab
 5722 Deering Hall
 Orono, ME 04469-5722
 (207) 581-2917

Compost Analysis Report

From: ANDREW BROUSSEAU/ BLACK EARTH COMPOST LLC

Job# 1777

Date Received: 06/23/14

Report Date: 07/24/14

Sample type: Compost

Sample Name: Batch 2 Fines

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis
Total Solids (%)	-----	62.4
Total Carbon (%)	16.6	10.3
Total Nitrogen (%)	1.85	1.15
Total Potassium (%)	0.50	0.31
Total Phosphorus (%)	0.45	0.28
Volatile Solids (%)	37.3	23.3
pH	-----	6.5
Bulk Density (lbs/cu yd)	-----	780
Conductivity (mmhos/cm)	-----	10.9

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis
Total Boron (ppm)	49.1	30.7
Total Calcium (%)	2.60	1.60
Total Copper (ppm)	35.7	22.3
Total Iron (ppm)	9280	5790
Total Magnesium (%)	0.320	0.200
Total Manganese (ppm)	258	161
Total Sodium (%)	0.250	0.160
Total Zinc (ppm)	83.9	52.4

NUTRITION ANALYSIS

Parameter	Dry Basis	As is Basis
C:N Ratio	-----	9.0
NH ₄ -N (mg/kg)	3.03	1.89
NO ₃ -N (mg/kg)	1431	893