

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

Compost Analysis Report

From: ANDREW BROUSSEAU/ BLACK EARTH COMPOST LLC

Job# 243

Date Received: 02/24/17

Report Date: 04/03/17

Sample type: Compost

Sample Name: 1 - 2017 Fines

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis
Total Solids (%)	-----	38.8
Total Carbon (%)	26.9	10.4
Total Nitrogen (%)	1.82	0.71
Total Potassium (%)	0.26	0.10
Total Phosphorus (%)	0.42	0.16
Volatile Solids (%)	52.5	20.4
pH	-----	7.2
Bulk Density (lbs/cu yd)	-----	730
Conductivity (mmhos/cm)	-----	4.0

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis
Total Boron (ppm)	27.8	10.8
Total Calcium (%)	2.30	0.900
Total Copper (ppm)	22.4	8.68
Total Iron (ppm)	6740	2620
Total Magnesium (%)	0.280	0.110
Total Manganese (ppm)	248	96.2
Total Sodium (%)	0.100	0.040
Total Zinc (ppm)	75.6	29.3

NUTRITION ANALYSIS

Parameter	Dry Basis	As is Basis
C:N Ratio	-----	14.8
NH ₄ -N (mg/kg)	3.59	1.39
NO ₃ -N (mg/kg)	1270	493