



Analysis Report for Use of Biosolids on Cropland

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Lab Sample ID: E10858
Date Received: 1/3/2007
Date Sampled: 1/1/2007
Report Date: 1/14/2007
Sample type: Grab
County:
Customer Sample ID: Dryer Class A Biosolids

RESULTS

pH	Solids	Volatile	Tot-N	Org-N	NH ₄ N	P	K	Mg	Ca	Na	Fe	Al
	— % —											
6.5	80.44	67.70	5.78	5.63	0.15	4.01	0.79	0.72	10.43	0.40	3.53	3.40
Mn	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn	PCB ¹	
760.4	31.37	4.96	92.0	1356.2	87.1	1.48	16.3	57.6	7.26	1479.8	< .34	

NR-Not Requested One dry ton of this material is equivalent to 298 gallons of wet material or 1.2 tons of wet material

PRIMARY NUTRIENT CONTENT

% (dry wt basis)			
Total N	5.78	0.87	dry tons of this biosolid will supply 100 lbs of total N.
P ₂ O ₅	9.17	1.25	dry tons of this biosolid will supply 100 lbs of P
K ₂ O	0.94		

ANALYSIS INFORMATION FOR EPA 503 POLLUTANTS

Analyte	EPA SW-846 Method	Analyst	Date	Time
Cd,Cu,Mo,Pb,Ni, Zn	3050B + 6010	Brooks	4/8/2011	11:34:49
As	3050B + 6010	Brooks	4/8/2011	11:34:49
Se	3050B + 6010	Brooks	4/8/2011	11:34:49
Hg	7473	Rishel	4/5/2011	8:49:47 AM
PCB	8082			

	As	Cd	Cu	Hg	Mo	Ni	Pb	Se	Zn
Wet Wt. aliquot (g)	0.485	0.485	0.485	0.071	0.485	0.485	0.485	0.485	0.485
Analyte conc. in sample/ digest (mg/L except Hg)	0.122	0.019	5.29	0.085 ug	0.06	0.22	0.34	0.03	5.77
Method limit (mg/L except Hg)	0.015	0.005	0.015	0.0004 ug	0.015	0.005	0.020	0.015	0.010

Optional Analyses: Results (except soluble salts) on dry weight basis

Sample Receipt

Nitrate-N (mg/kg)	Total Carbon (%)	CCE Calcium Carbonate Equivalent (%)	Soluble Salts (mmhos/cm)	Other:

**EPA REGULATIONS FOR LAND APPLICATION OF BIOSOLIDS (40 CFR Part 503) and
DEP GUIDELINES FOR USE OF BIOSOLIDS FOR AGRICULTURAL UTILIZATION**

