

Sewage Sludge Analysis Report

1. Name & Physical Address of the Facility: BALTIMORE CITY County: CITY OF BALT.
COMPOST FACILITY - 5800 QUARANTINE RD. BALTO, MD. 21226

2. Sewage Sludge Treatment: Class A Class B Neither 3. Sampling Date: _____

4. Analysis Results (Must Attach a Copy of Laboratory Report)

Sample Type: Grab 8-hr Composite 24-hr Composite Other

Constituents Analyzed	Result	Detection Limit	Units in Dry Weight**
Solids content	57.5		%
pH	7.19		%
Ammonium nitrogen NH ₄	1.46	0.0723	%
Nitrate nitrogen NO ₃	696	132	mg/kg
Total phosphorus TP	30500	1590	mg/kg
Total potassium TK	3010	170	mg/kg
Total arsenic As	10.6	4.2	mg/kg
Total cadmium Cd	3.4	0.85	mg/kg
Total copper Cu	451	1.7	mg/kg
Total lead Pb	594	3.4	mg/kg
Total mercury Hg	0.71	0.11	mg/kg
Total molybdenum Mo	8.9	1.7	mg/kg
Total nickel Ni	26.9	1.7	mg/kg
Total selenium Se	6.8	6.8	mg/kg
Total zinc Zn	677	6.8	mg/kg
Polychlorinated Biphenyls PCBs	-	-	mg/kg
Total Kjeldahl nitrogen TKN	2.17	0.351	%
Calcium Carbonate or Equiv.*	N/A	N/A	%

Lime stabilized Sewage Sludge only ** Please use exact units and on dry weight basis only

Are constituents within Ceiling Concentrations? Yes No (Arsenic at 75, Cadmium at 85, Copper at 4300, Lead at 840, Mercury at 57, Molybdenum at 75, Nickel at 420, Selenium at 100, Zinc at 7500, and PCBs at 10). *(parts per million or mg/kg)*

Sample Medium: Liquid < 15% Solids
 Cake ≥ 15% Particulate ≥ 75%
 Dried ≥ 35% Pellets ≥ 90% Other
COMPOST

7. Treatment Method***: Untreated
 Treated to Meet: [503.32(a)(2)] [503.32(a)(3)-(8)]
 [503.32(b)(2)] [503.32(b)(3)] [503.32(b)(4)] or
 Other:

Treatment Method: Class A Treatment: [503.32(a)(2)]: Monitoring of Fecal Coliform, [503.32(a)(3)-(8)]: Use of a Process to Further Reduce pathogens (PFRP). Class B Treatment: [503.32(b)(2)]: Monitoring of Fecal Coliform. [503.32(b)(3)] and [503 Appendix B]: Use of a Process to Significantly Reduce Pathogens (PSRP) such as: Aerobic Digestion, Air Drying, Anaerobic Digestion, Composting, Lime Stabilization. [503.32(b)(4)] and [503 Appendix B]: Use of Process Equivalent to PSRP. For additional information, please refer to EPA's Publication (EPA/625/R-92/013).

