

Sewage Sludge Analysis Report

1. Name & Physical Address of the Facility: BALTIMORE CITY County: CITY OF BALTIMORE
COMPOST FACILITY - 5800 QUARANTINE RD. BALTIMORE, 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 | | 48.9 | - | % |
| pH | | 7.34 | - | |
| Ammonium nitrogen | NH ₄ | 0.708 | 0.0763 | % |
| Nitrate nitrogen | NO ₃ | 522 | 66.4 | mg/kg |
| Total phosphorus | TP | 34700 | 1600 | mg/kg |
| Total potassium | TK | 3060 | 365 | mg/kg |
| Total arsenic | As | 12.3 | 9.1 | mg/kg |
| Total cadmium | Cd | 4.4 | 1.8 | mg/kg |
| Total copper | Cu | 473 | 3.7 | mg/kg |
| Total lead | Pb | 75.0 | 7.3 | mg/kg |
| Total mercury | Hg | 0.59 | 0.13 | mg/kg |
| Total molybdenum | Mo | 12.0 | 3.7 | mg/kg |
| Total nickel | Ni | 28.8 | 3.7 | mg/kg |
| Total selenium | Se | 14.6 | 14.6 | mg/kg |
| Total zinc | Zn | 860 | 14.6 | mg/kg |
| Polychlorinated Biphenyls | PCBs | SEE PAGE 5 - PAGE | - | mg/kg |
| Total Kjeldahl nitrogen | TKN | 3.41 | 0.359 | % |
| Calcium Carbonate or Equiv.† | | N/A | N/A | % |

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

5. 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)

6. 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).

TESTING FREQUENCY

| Amount of Sewage Sludge Generated, (per 365 day period - dry weight basis) | Testing Frequency |
|--|--|
| Greater than zero but less than 290 metric tons. (Greater than zero but less than 319.67 short tons) | Once every year |
| Equal to or greater than 290 but less than 1,500 metric tons. (Equal to or greater than 319.67 but less than 1,653.47 short tons) | Once every quarter (four times every year) |
| Equal to or greater than 1,500 but less than 15,000 metric tons. (Equal to or greater than 1,653.47 but less than 16,534.67 short tons) | Once every 60 days (6 times every year) |
| Equal to or greater than 15,000 metric tons. (Equal to or greater than 16,534.67 short tons) | Once every month (12 times every year) |

8. Is Facility in operation? Yes No Facility Design Flow: N/A Peak Flow: mgd.

REPORTING SCHEDULE

| Sampling Frequency Required (Check a box) | Submittal Deadline |
|--|---|
| <input type="checkbox"/> Once every year | <input type="checkbox"/> June 1 of the sampling year |
| <input type="checkbox"/> Once every quarter (4 times every year) | <input type="checkbox"/> June 1 and December 1 of each year |
| <input type="checkbox"/> Once every 60 days (6 times every year) | <input type="checkbox"/> Feb. 30, April 30, June 30, Aug 30, Oct. 30, and Dec. 30 of each year |
| <input checked="" type="checkbox"/> Once every month (12 times every year) | <input checked="" type="checkbox"/> No later than end of the following month |
| <input type="checkbox"/> Other sampling frequency approved by the Department | <input type="checkbox"/> As approved by the Department |

This Notice is provided pursuant to § 10-624 of the State Government Article of the Maryland Code. The personal information requested on this form is intended to be used in confirming the supplied information. Failure to provide the information requested may constitute a violation of COMAR 26.04.06. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This completed form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public, interest groups and other governmental agencies, if not protected by federal or State law.

CERTIFICATION:

I, as an authorized representative of the Facility named on this form, do solemnly affirm under the penalties of perjury, that the contents of this document are true to the best of my knowledge, information, and belief. Information in this form is subject to audit by the Maryland Department of the Environment (the "Department"). I hereby authorize the representatives of the Department, upon request, to have access to any records supporting the information provided in this form.

THOMAS FANTOM
Name (Printed)

[Signature]
Signature

Facsimile Number

PROJECT MANAGER
Title

4/13/23
Date

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