### Biosolids Division - Sewage Sludge Analysis Report Form

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| |  |  |  | | --- | --- | --- | | 1. **Facility Name:**   **Physical Address:** | | **County**: | | **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\*\*** | | pH |  |  |  | | Solids content |  |  | % | | Total kjeldahl nitrogen TKN |  |  | % | | Ammonium nitrogen NH4 |  |  | % | | Total phosphorus TP |  |  | mg/kg | | Total potassium TK |  |  | mg/kg | | Nitrate nitrogen NO3 |  |  | mg/kg | | Total cadmium Cd |  |  | mg/kg | | Total copper Cu |  |  | mg/kg | | Total nickel Ni |  |  | mg/kg | | Total lead Pb |  |  | mg/kg | | Total zinc Zn |  |  | mg/kg | | Total mercury Hg |  |  | mg/kg | | Total arsenic As |  |  | mg/kg | | Total molybdenum Mo |  |  | mg/kg | | Total selenium Se |  |  | mg/kg | | Polychlorinated Biphenyls PCBs |  |  | mg/kg | | Perfluorooctane Sulphonate \*\*\* PFOS |  |  | µg/kg | | Perfluorooctanoic Acid \*\*\* PFOA |  |  | µg/kg | | Calcium Carbonate or Equivt.\* CCCCaCaCaCO3 |  |  | % |     **\* Lime Stabilized Sewage Sludge only \*\* Please use exact units in dry weight bases \*\*\*Class A and Class B only** | | | | **5. Are Constituents Within Ceiling Concentrations?**  **Yes**  **No** **(**Cadmium at 85, Copper at 4300, Mercury at 57, Nickel at 420, Lead at 840, Zinc at 7500, Arsenic at 75, Molybdenum at 75, Selenium at 100, PCBs at 10, and PFAS at 20 µg/kg-cond.). | | | | **6. Sample Medium**: Liquid < 15% Solids  Cake ≥ 15%  Particulate ≥ 75%  Dried ≥ 35%  Pellets ≥ 90%  Other | **7. Permitted Treatment Method\*\*\***:  Untreated  Lime Stabilized Aerobically Digested  Anaerobically Digested  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/600/R-22/194│January 2023. | |
| |  |  | | --- | --- | | **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 (4 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:       Peak Flow:       mgd. | | | Reporting Schedule | | | **9. Sampling Frequency Required (Check a box)** | **10. Submittal Deadline** | | Once every year  Once every quarter (4 times every year) | June 1 of the sampling year  June 1 and December 1 of each year | | Once every 60 days (6 times every year) | Feb. 30, April 30, June 30, Aug 30, Oct. 30, and Dec. 30 of each year | | Once every month (12 times every year)  **Other sampling frequency approved by the Department** | No later than end of the following month  As approved by the Department | |

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