

**Information Required as Part of a Sewage Sludge Utilization (SSU)
Permit Application for Energy Generation or Incineration in Maryland**

Please submit six (6) copies of the following:

1. A completed SSU Permit Application Form (with appropriate fee) dated not more than six months prior to submission of the application.
2. A description of the sources and types of sewage sludge to be utilized at the waste-to-energy facility or incinerator, including any treatment the sewage the sewage sludge has received such as anaerobic digestion, aerobic digestion, lime stabilization, composting, or dewatering.
3. A detailed operation plan that includes, when applicable: (a) Procedures for sampling, record keeping, and reporting of the sewage sludge to be utilized; (b) Types of equipment to be used for collection, management, washdown, and other operations; (c) days and hours of operation; (d) Methods and procedures to prevent or control odors and other potential nuisance conditions at the site; (e) Methods and procedures for utilizing the treated sewage sludge; (f) Contingency or emergency plans to manage equipment breakdown, spills and other emergency events; and (g) Methods and procedures for restricting public access to the site.
4. A detailed description of the methods, processes, and monitoring procedures to be utilized at the waste-to-energy facility or incinerator.
5. Methods and procedures for storage and on-site management of processed and unprocessed sewage sludge received at the waste-to energy or the incinerator and utilization of the ash generated by the waste-to-energy facility or the incinerator.
6. An air quality permit issued by the Department in accordance with the requirements in COMAR 26.11.02.
7. Unless the analytical results have been submitted to the Department in accordance with the requirements of Code of Maryland Regulations (COMAR) 26.04.06.06, the most recent results of a laboratory analysis of a representative composite sample of the sewage sludge that was obtained from the wastewater treatment plant that generated the sewage sludge. The sample must be obtained in accordance with the requirements of COMAR 26.04.06.06 and include percent of total solids, pH, ammonium nitrogen, nitrate nitrogen, total phosphorous, total potassium, total arsenic, total cadmium, total copper, total lead, total mercury, total molybdenum, total nickel, total selenium, total zinc, polychlorinated biphenyls (PCBs), and the dry weight concentration of total Kjeldahl nitrogen; and any other sewage sludge constituent that the Department determines necessary to adequately assess the potential impact of the project on public health and the environment;
8. Other information that may be requested by the Department

Questions or for additional information, please call the Department at (410) 537-3314