

**Information Required as Part of a Sewage Sludge Utilization (SSU)
Permit Application to Apply Sewage Sludge on
Marginal Land 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. An owner's consent form completed and signed by the legal owners of the site where sewage sludge is to be applied.
3. A description of the sources and types of sewage sludge to be applied, including any treatment the sewage the sewage sludge has received such as anaerobic digestion, aerobic digestion, lime stabilization, composting, or dewatering.
4. Sediment and erosion control provisions approved by the appropriate approving authority.
5. The type of crop to be grown with a calculation of the amount of seed mixture to be used per acre, the proposed optimal soil pH for the type of crop to be grown, and the desired yield of the crop.
6. A current site specific topographic map with a minimum scale of 1 inch = 200 feet and a contour interval of not more than 5 feet showing the areal extent of the site, the property boundary lines, field boundaries, and the proximity of the site to major roads in the area and any roads on the site.
7. A current site plan that includes: (a) The location of property boundaries lines and field boundaries; (b) the exact acreage where sewage sludge is to be applied; (c) The location of all buffer distances; (d) The location of any residences or buildings on site or within ½ mile of the site; (e) An inventory of any domestic, commercial or municipal wells on site and within a ½ mile of the property boundary lines; (f) The location of any on-site stream, spring, seep, pond, drainage ditch or other body of water; (g) The location of any on-site area with a slope of 15 percent or greater; (h) The location of any on-site bedding outcrop; (i) The location of any on-site depression area; (j) The surrounding land uses; (k) The location of cation exchange capacity tests and pH testing of the soil; (l) The Location of all soil test, and the location of all soil borings or test pits on site; (m) Other features as determined by the Department; and (n) A legend identifying the key features on the site plan.
8. Representative analysis of the pH of the soils.

9. A description of representative test borings or test pits on the site including a description of the texture of the soils encountered and the depth to the groundwater.
10. 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.
11. A loading calculation per acre for the sewage sludge proposal.
12. A tax map showing the property line, owner, acreage, and liber and folio numbers.
13. 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:
14. Future use of the site;
15. A performance bond or other security in the amount of \$50,000 on a form prescribed by this Department (unless exempted by COMAR 26.04.06.10).
16. Other information that may be requested by the Department

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