Land Application of Various Materials

The purpose of this document is to assist in locating the appropriate chapter of the Iowa Administrative Code (IAC) for land application of various materials.

**Iowa Administrative Code chapters:**

* Compost [567 IAC 105](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.105.pdf)
* Fertilizer and soil conditioners [21 IAC 43](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.21.43.pdf) and [21 IAC 44](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.21.44.pdf)
* Manure and animal bedding [567 IAC 65](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.65.pdf)
* Paunch manure [567 IAC 121](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.121.pdf)
* Petroleum contaminated soil [567 IAC 120](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.120.pdf)
* Septage [567 IAC 68](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.68.pdf)
* Sewage sludge [567 IAC 67](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.67.pdf)
* Sludge from commercial or industrial wastewater treatment, water supply treatment, or air pollution control facility [567 IAC 121](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.121.pdf)
* Solid waste [567 IAC 121](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.121.pdf)
* Wastewater [567 IAC 64](https://www.legis.iowa.gov/docs/iac/chapter/05-10-2017.567.64.pdf)

**Industrial waste**

The flow chart below is to assist in differentiating between wastewater, fertilizer or soil conditioner, and solid waste or industrial sludge. For a more complete description of each of these land application programs, please see the fact sheet entitled “Land Application of Industrial Waste”.

The flow chart to determine type of material. Is the material sold or used to offset the use of fertilizers or soil conditioners? Yes- The material is a fertilizer or soil conditioner and may be land applied with an IDALS permit. No- Does the material pass the pint filter test? Yes- The material is a sludge or solid waste and may be land applied under 567 IAC 121 if it meets the requirements of the chaper. No- Is the material generated by a commercial or industrial wastewater treatment plant*, wastewater tretemetn facility, or air pollution facility? Yes- The material is a sludge or solid waste and may be land applied under 567 IAC 121 if it meets the requirements of the chaper. No- The material is a wastewater and governed by 567 IAC 64.

\* A treatment plant is a facility that has received a construction permit from the wastewater section or a pretreatment facility that is exempt from permitting.