

**115.59 ADVANCED TREATMENT SYSTEMS.**

Subdivision 1. **Definitions.** The definitions in this subdivision apply to sections 115.59 and 115.60.

(a) "Agency" means the Pollution Control Agency.

(b) "Biodigester and water reclamation systems" or "system" means a residential wastewater treatment system that separately collects and segregates greywater from blackwater to be mechanically or biologically treated for reclamation and safe consumptive use or discharge above or below the surface of the ground.

(c) "Blackwater" means sewage from toilets, urinals, and any drains equipped with garbage grinders.

(d) "Greywater" means sewage that does not contain toilet wastes or waste from garbage grinders.

(e) "Sewage" means waste produced by toilets, bathing, laundry, or culinary operations, or the floor drains associated with these sources. Household cleaners in sewage are restricted to amounts normally used for domestic purposes.

Subd. 2. **Biodigester and water reclamation system requirements.** Biodigester and water reclamation systems must meet the following requirements:

(1) all waste that includes any blackwater must be treated as blackwater and must not be discharged for reuse;

(2) wastewater may only be treated as greywater when a plumbing network separately collects and segregates greywater from blackwater;

(3) the two waste streams of greywater and blackwater must be treated to the following standards:

(i) for greywater reuse within the facility, the effluent quality from the system must be within the health risk limits as determined by Minnesota Rules, chapter 4717;

(ii) for greywater discharge outside the residence above ground level, the effluent quality from the system shall meet or exceed standards for the receiving water as set forth in Minnesota Rules, chapter 7050; and

(iii) residuals from blackwater must be treated to levels described in Code of Federal Regulations, title 40, part 503;

(4) residuals from blackwater treatment must be disposed of in accordance with local and federal requirements and state guidelines for septage; and

(5) toilets that do not contain a standard integral water trap must have a water-sealed mechanical valve.

Subd. 3. **Expiration.** This section expires May 1, 2014.

**History:** 2004 c 248 s 2