

**455D.1 Definitions.**

As used in [this chapter](#) unless the context otherwise requires:

1. “*Commission*” means the environmental protection commission.
2. “*Department*” means the department of natural resources created pursuant to [section 455A.2](#).
3. “*Director*” means the director of the department.
4. “*Pollution prevention techniques*” means any of the following practices employed by the user of a toxic substance:
  - a. Input substitution, which is the replacement of a toxic substance or raw material used in a production process with a nontoxic or less toxic substance.
  - b. Product reformulation, which is the substitution of an end product which is nontoxic or less toxic upon use or release for an existing end product.
  - c. Production process redesign or modification, which is the development and use of production processes of a different design other than those currently in use.
  - d. Production process modernization, which is the upgrading or replacing of existing production process equipment or methods with other equipment or methods based on the same production process.
  - e. Improved operation and maintenance of existing production process equipment and methods, which is the modification or addition to existing equipment or methods, including but not limited to such techniques as improved housekeeping practices, system adjustments, product and process inspections, and production process control equipment or methods.
  - f. Recycling, reuse, or extended use of toxic substances by using equipment or methods that become an integral part of the production process.
5. “*Recycling*” means any process by which waste, or materials which would otherwise become waste, are collected, separated, or processed and revised or returned to use in the form of raw materials or products. “*Recycling*” includes but is not limited to the composting of yard waste which has been previously separated from other waste, but does not include any form of energy recovery.
6. “*Waste reduction*” means practices which reduce, avoid, or eliminate both the generation of solid waste and the use of toxic materials so as to reduce risks to health and the environment and to avoid, reduce, or eliminate the generation of wastes or environmental pollution at the source and not merely achieved by shifting a waste output or waste stream from one environmental medium to another environmental medium.

[89 Acts, ch 272, §1](#); [2013 Acts, ch 12, §12, 13](#)

Referred to in [§455D.3](#)