

21—44.57(200) Fertilizer loading, unloading, and mixing area.

44.57(1) All loading, unloading, and mixing of liquid fertilizer or liquid soil conditioners, unless performed in the field of application, shall be done within a containment area. The containment area shall be large enough to prevent spillage onto unprotected areas and paved with asphalt, concrete, or other impervious material. It shall slope to a recovery system that will allow collected materials to move to a containment structure which complies with rule 21—44.55(200). In addition, the area shall be so constructed, using curbs or other means, as to prevent spilled materials from running out of the containment area. Any contaminated liquid or material shall be field applied at normal fertilizer rates or used in a liquid mixing operation.

44.57(2) All loading or mixing of nonliquid fertilizers or nonliquid soil conditioners at permanent storage sites shall be done in an area paved with asphalt, concrete or other impervious materials. The area shall also be so constructed, using curbs or other means to prevent runoff of storm water generated by a four-inch rain. The area shall contain a recessed catch basin so that contaminated water can be moved to storage tanks or a secondary containment area. Uncontaminated rain water, ice, or snow can be discharged as storm water. Any contaminated water or other materials shall be field applied at normal fertilizer rates or used in a liquid mixing operation.

44.57(3) A spill containment structure will not be required if loading, unloading, or mixing of a nonliquid fertilizer or nonliquid soil conditioners is done entirely within an enclosed building and no washing operations are conducted within the enclosed area.

44.57(4) Unloading of all types of equipment and loading of railroad cars with nonliquid fertilizer or nonliquid soil conditioners shall be exempt from the containment area provisions of subrule 44.57(2) provided any materials spilled during the unloading/loading operations are promptly cleaned up and fed back into the unloading/loading system.

44.57(5) Rules 21—44.2(206) to 21—44.11(206) shall apply when fertilizers or soil conditioners and pesticides are combined.

44.57(6) Fertilizers and soil conditioners must be handled in a manner that minimizes dust and vapors from movement off of the site.