

Addendum

Water Supply Setback Requirements for Bulk Storage Facilities Regulated through Regulations 640, 641, 642

(Rule 3: Siting of Storage Facilities)

Through an agreement between the Michigan Department of Agriculture (MDA), the Michigan Department of Environmental Quality (MDEQ), and the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the required water supply setbacks from new and existing bulk fertilizer and pesticide storage facilities have been modified. The following **minimum** water supply setbacks will apply to firms that meet the requirements of: Regulation 640, Commercial Pesticide Bulk Storage; Regulation 641, Commercial Fertilizer Bulk Storage; and/or Regulation 642, On Farm Fertilizer Bulk Storage.

New Bulk Storage Facilities

- Above a 100-year floodplain
- 200 ft or more from surface water
- 2,000 ft or more from Type I and Type IIa water supplies
- 75 ft or more from Type IIb and Type III water supplies (*deviation from 800 ft in Rule*)
- 150 ft or more from all other drinking water supplies

Existing Bulk Storage Facilities

- 200 ft or more from Type I and Type IIa water supplies
- 75 ft or more from Type IIb and Type III water supplies
- *Most facility & farm water supplies are considered to be Type III***
- 50 ft or more from all other drinking water supplies

NOTE: The actual isolation distance should be ***maximized to the extent possible.***

The following definitions for Michigan well types are found in the Michigan Safe Drinking Water Act, Act 399 of 1976.

Type I – “community public water supply” means a public water supply that provides year-round service to not fewer than 15 living units or which regularly provides year-round service to not fewer than 25 residents.
(Example: Municipalities, Apartments, and Nursing Homes)

Type II – “noncommunity public water supply” means a public water supply that is not a community supply, but serves not less than 25 individuals OR not less than 15 connections for at least 60 DAYS per year.
(Example: Schools, Industries, Places of employment, and Restaurants with less than 25 employees)

Type IIa – Water supplies with an average production during the maximum month equal to or greater than 20,000 gallons per day.

Type IIb – Water supplies producing less than 20,000 gallons per day during the peak month.

Type III – All other public water supplies. Serve less than 25 people AND has less than 15 connections, or operates for less than 60 days per year. Type III **includes facilities and farms that hire at least one employee.**
(Example: Small Apartment Complexes and Condominiums, Small Gas Stations)

Private Water Supply – Water supply serving a single living unit.
(Example: Single Family Home)