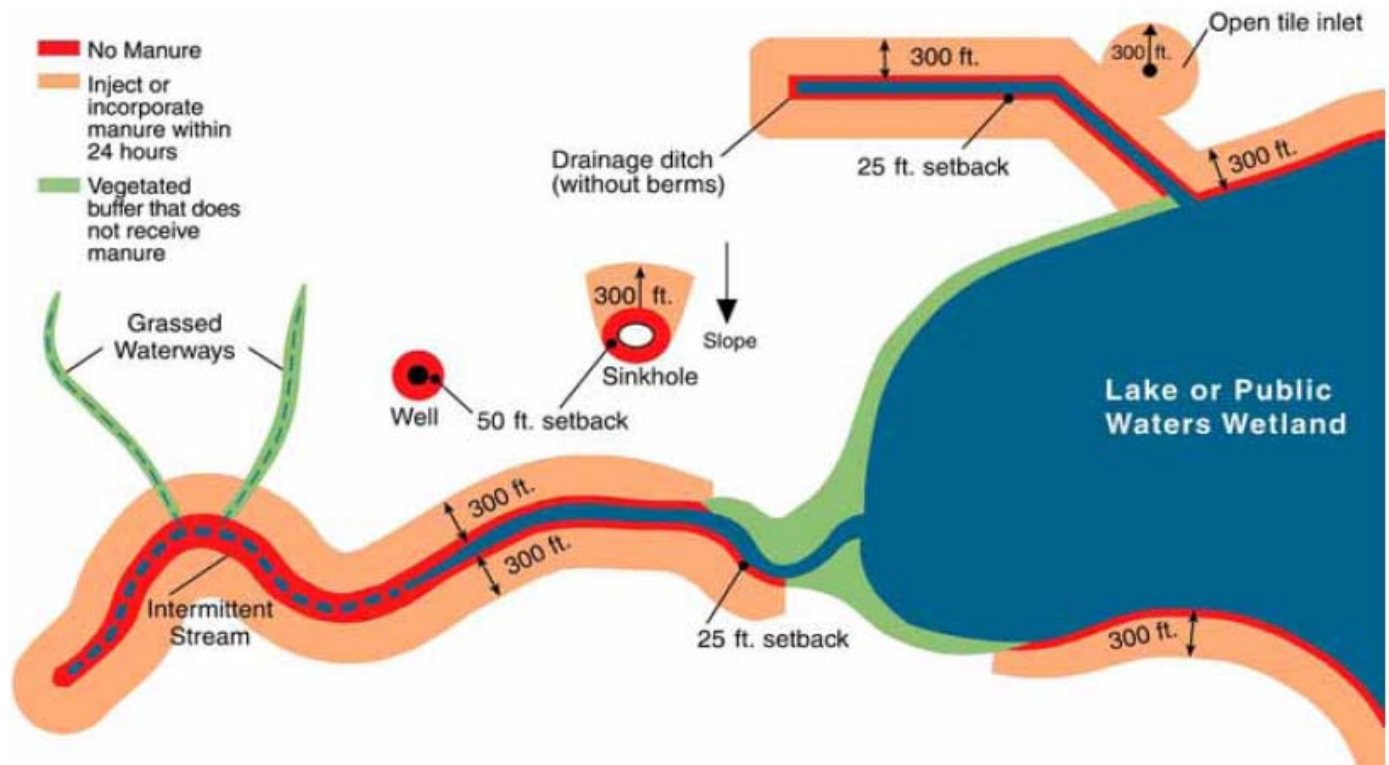


Land Application Setbacks from Waters



Minimum State Setback Requirements for Sensitive Areas ^a

Sensitive Area	No Incorporation or Incorporation after 24 hrs	Injection or Incorporation within 24 hrs
Lake	300 ft ^b	25 ft ^d
Perennial Stream	300 ft ^b	25 ft ^d
Intermittent Stream	300 ft ^c	25 ft ^d
Protected Wetlands (10+ acres)	300 ft ^c	25 ft ^d
Drainage Ditches (no berms)	300 ft ^c	25 ft ^d
Sinkhole (no berms/diversions)	300 ft up / 50 ft down	50 ft
Mine, Quarry, or Gravel Pit	50 ft	50 ft
Open Tile Intakes (including rock/blind inlets)	300 ft	0 ft
Road Ditches	No application directly into the road ditch	
High Phosphorus Soils	Permit may be needed – No soil-P buildup at some sites	
DWSMA/Wellhead Protection	Permit may be needed	
Steeply Sloping Land	Permit may be needed	
Non-Protected Wetlands	Consider developing a management strategy	
Frequently Flooded Soils	Consider developing a management strategy	
High Water Table Soils	Consider developing a management strategy	
Coarse-Textured Soils	Consider developing a management strategy	
Shallow Soils Over Bedrock	Consider developing a management strategy	

^a County and/or NPDES permit requirements may be more restrictive

^b 100 ft non-manured vegetated buffer can be used instead of the 300 ft setback (non-winter)

^c 50 ft non-manured vegetated buffer can be used instead of the 300 ft setback (non-winter)

^d Where soil phosphorus exceeds 21 ppm Bray or 16 ppm Olsen, phosphorus must be managed to prevent buildup over a 6 year period.