
Manure Stacking Protocol

The following is the manure application protocols that will be followed when bedded pack heifer manure or fiber solid manure is going to be headland stacked.

Bedded Pack Heifer Manure and/or Fiber Solid Stacking Protocols

- Efforts will be made to clean out the heifer bedded pack barns and/or fiber solid manure and apply the manure before the no spreading period of Feb 1st through Mar 31st annually. In the event weather conditions or time do not allow this to occur and the manure needs to be cleaned during the no spreading period then the manure will be headland stacked. Separated fiber manure may also be headland stacked.
- Headland stacking may occur during the growing season until fields are harvested and available for manure applications.
- Headland stacking locations have been identified in the maps contained in Tab 8 of the NMP. These stacking sites meet the criteria contained in Table 9 of NRCS Practice Standard 313.
- Sites will be rotated annually and not used again for at least 3 years.
- The bedded pack manure at Ebert Enterprises, LLC consists of primarily straw so the solids content will be greater than 16%. Separated fiber manure has had a solids content of greater than 16%.
- When field conditions allow the stacked manure will be applied onto cropland at agronomic rates recommended by the NMP.

Frozen Liquid Manure Protocols

- In the event that transfer systems fail and liquid manure becomes frozen the frozen liquid manure will be moved manually into one of the manure storage lagoons or applied to an approved winter spreadable field in areas that are not prohibited from receiving winter manure. This will occur until the transfer systems are fixed or thaw out and become functional.

Proposed Temporary Stacking Sites for Ebert Enterprises, LLC

Site #	Field ID	Soil Type	Hydrologic Soil Group	Subsurface Seperation Distance Saturation	Subsurface Seperation Distances Bedrock	Meets Seperation Distance
1	KD 1	HrB	C	More Than 60"	More Than 60"	Yes
2	KD 1	HrB	C	More Than 60"	More Than 60"	Yes
3	KD 1	HrB	C	More Than 60"	More Than 60"	Yes
4	PG 1 and 2	HrB	C	More Than 60"	More Than 60"	Yes
5	TS	HrB	C	More Than 60"	More Than 60"	Yes
6	EH South	HrB	C	More Than 60"	More Than 60"	Yes

Wisconsin 590 Nutrient Management Application Restrictions



Fall N Restrictions

SWQMA 300'/1000' Buffers
(No Winter Application,
Other Non-Winter Restrictions)

PLSS Sections

Sources:
USDA-NRCS SSURGO
2008 NAIP Imagery
WI-DNR 24K Hydro
WI DOT Roads

No Winter Application (slope > 12%)

Perennial Streams



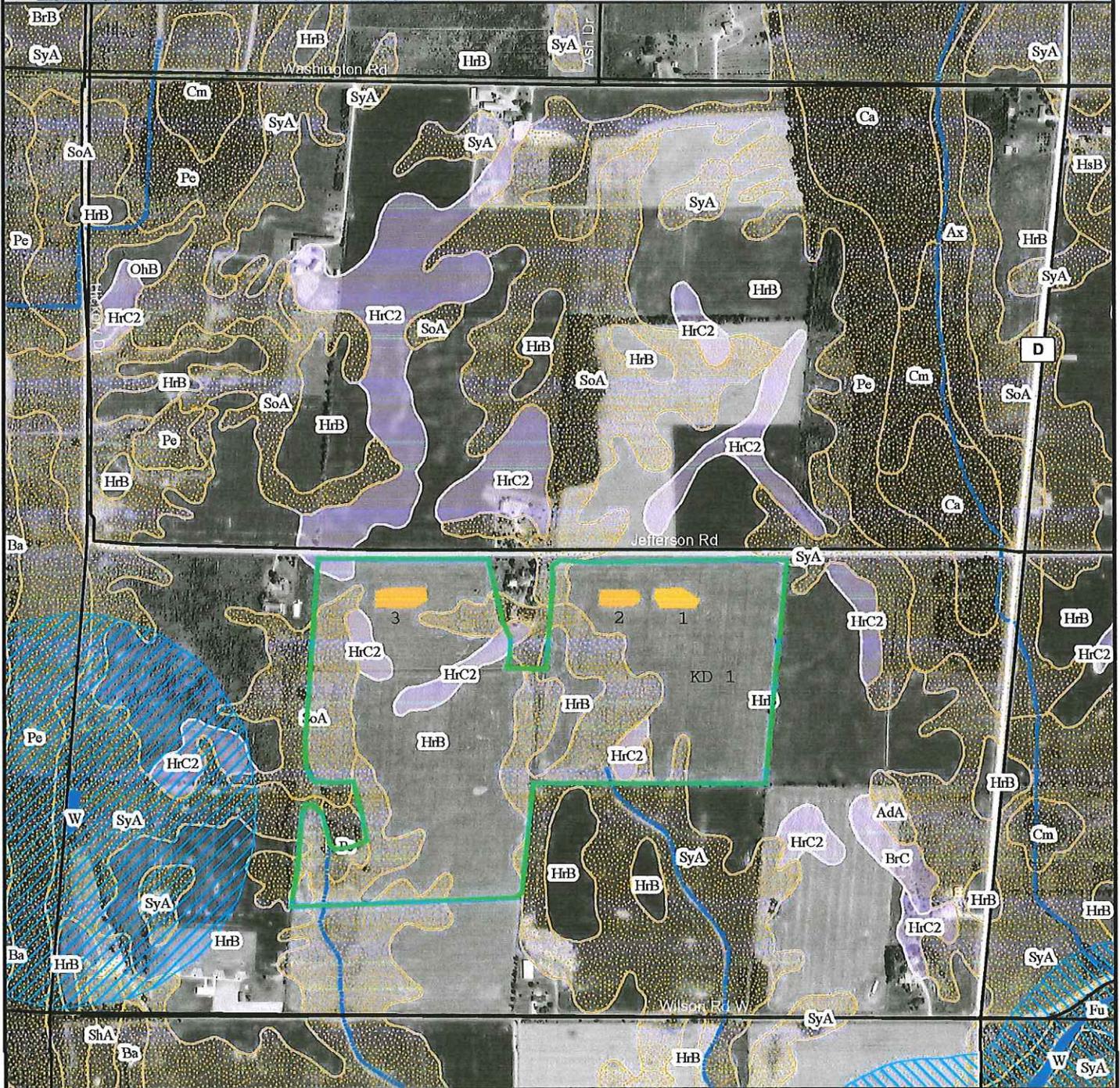
Winter Restrictions (if slope > 9%)

Intermittent Streams



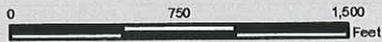
This map has been developed utilizing the nutrient application restrictions from the September 2005 Wisconsin NRCS 590 Nutrient Management Practice Standard. This map is an initial inventory of nutrient spreading risks which must be field verified to identify other risk areas such as concentrated flow channels, wetlands, and conduits to groundwater. See the "Considerations" section of the 590 practice standard for additional planning suggestions.
<http://efotg.nrcs.usda.gov/references/public/WI/590.pdf>

Apr 05, 2011

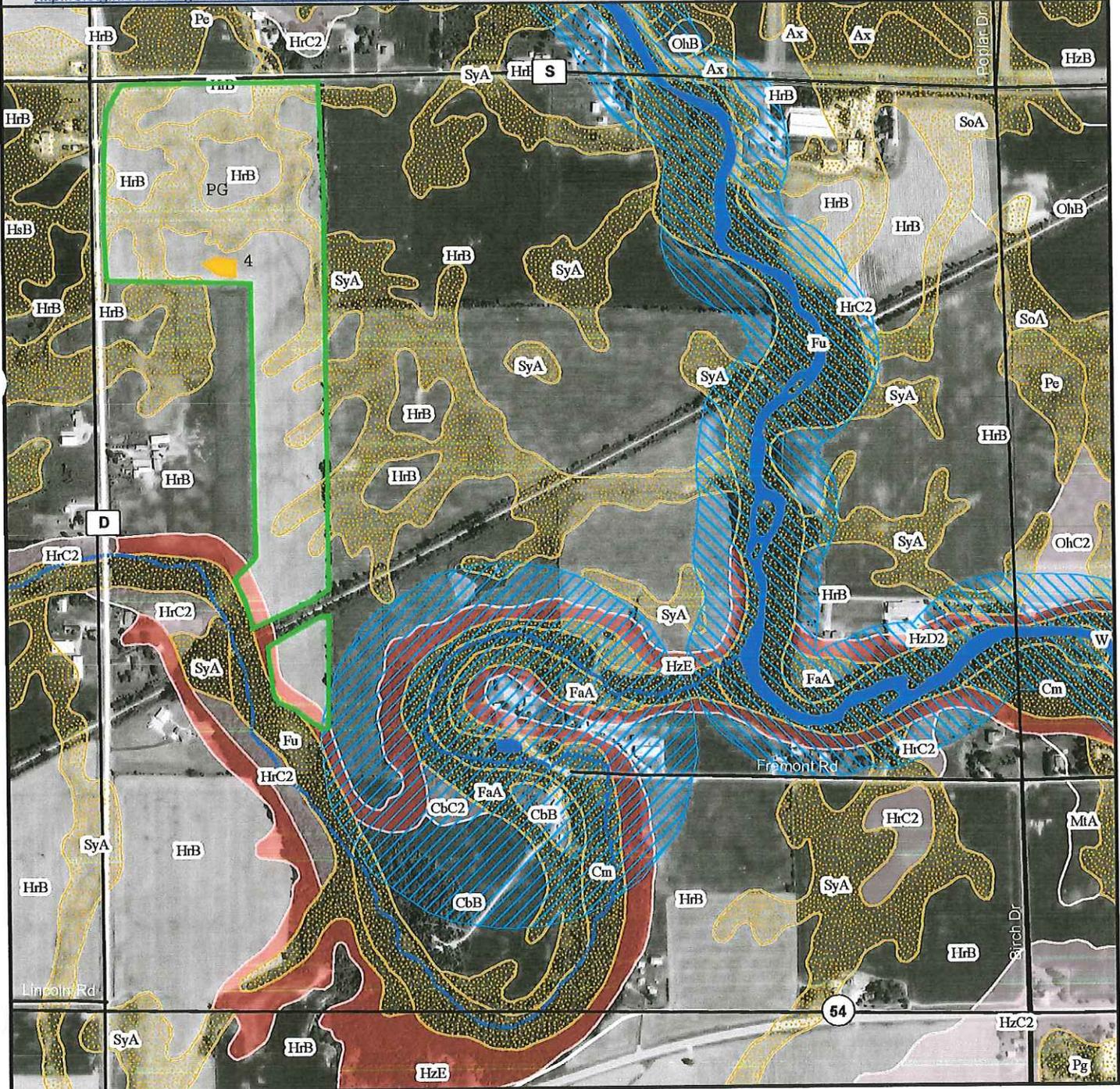


Wisconsin 590 Nutrient Management Application Restrictions



 Fall N Restrictions	 SWQMA 300'/1000' Buffers (No Winter Application, Other Non-Winter Restrictions)	 Class Sections	Sources: USDA-NRCS SSURGO 2008 NAIP Imagery WI-DNR 24k Hydro WI DOT Roads
 No Winter Application (slope > 12%)	 Perennial Streams	 	
 Winter Restrictions (if slope > 9%)	 Intermittent Streams		

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Wisconsin 590 Nutrient Management Application Restrictions



Fall N Restrictions

SWQMA
(No Winter Application,
Other Non-Winter Restrictions)

PLSS Sections

Sources:
USDA-NRCS SSURGO
2005 NAIP imagery
WI-DNR 24k Hydro
WI DOT Roads

No Winter Application (slope > 12%)

Perennial Streams



0 750 1,500
Feet

Winter Restrictions (if slope > 9%)

Intermittent Streams

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Oct 08, 2008

