



# Nutrient Management Plan Checklist

Sec. 92.05(3)(k), Wis. Stats.  
 ATCP 50.04(3) Wis. Admin. Code

Use this form to check nutrient management (NM) plans for compliance with the WI NRCS 590 Standard (Sept. 2005).

County Name: Clark Date Plan Submitted: 12/29/15 Growing season NM Plan is written for: 2015-2016  
 Township: Unity Initial Plan or Updated Plan Initial (from harvest to harvest)

Name of qualified nutrient management planner Matt Luther		Planner's business name, address, phone: Rock River Laboratory, Inc., 710 Commerce Dr. P.O.169, Watertown, WI 53094, 715-207-1279	
Highlight the planner's qualification: 1. NAICC-CPCC 2. <u>ASA-CCA</u> 3. ASA-Professional Agronomist 4. SSSA-Soil Scientist 5. DATCP approved training course 6. Other credentials approved by DATCP	Cropland Acres (owned & rented) 3122.6	Name of farm operator receiving nutrient management plan: Badger Holsteins of Unity, LLC	
	Rented farm(s) landowner name(s) and acreage: See Landbase Report in Plan Appendix A		
Highlight relevant program requirement or regulation the plan was developed for: Ordinance, USDA, DATCP, DNR, NR 243 – NOD or <u>WPDES</u>			

Yes No NA

1. Are the following field features identified on maps or aerial photos in the plan?			
a.	Field location, soil survey map unit(s), field boundary, acres and field identification number	x	
b.	Areas prohibited from receiving nutrient applications: Surface water, established concentrated flow channels with perennial cover, permanent non-harvested vegetative buffer, non-farmed wetlands, sinkholes, lands where established vegetation is not removed, nonmetallic mines, and fields eroding at a rate exceeding tolerable soil loss (T)	x	
c.	Areas within 50 feet of a potable drinking water well where mechanically-applied manure is prohibited	x	
d.	Areas prohibited from receiving winter nutrient applications: Slopes > 9% (12% if contour-cropped); Surface Water Quality Management Area (SWQMA) defined as land within 1,000 ft of lakes and ponds or within 300 ft of perennial streams draining to these waters, unless manure is deposited through winter gleaning/pasturing of plant residue and not exceeding the N and P requirements of this standard; Additional areas identified within a conservation plan as contributing runoff to surface or groundwater	x	
e.	Areas where winter applications are restricted unless effectively incorporated within 72 hours: Land contributing runoff within 200 feet upslope of direct conduits to groundwater such as a well, sinkhole, fractured bedrock at the surface, tile inlet, or nonmetallic mine	x	
f.	Sites vulnerable to N leaching: Areas within 1,000 feet of a municipal well, and soils listed in Appendix 1 of the Conservation Planning Technical Note WI-1	x	
2. Are erosion controls implemented so the crop rotation will not exceed T on fields that receive nutrients according to the conservation plan or WI P Index model?			
		x	
3. Were soil samples collected and analyzed within the last 4 years according to UW Publication A2100 recommendations? <b>Updates needed, See Compliance Report</b>			
		x	
4. Using the field's predominant soil series and realistic yield goals, are planned nutrient application rates, timing, and methods of all forms of N, P, and K listed in the plan and consistent with UW Publication A 2809, Soil Test Recommendations for Field, Vegetable and Fruit Crops, and the 590 standard?			
		x	
5. Do manure production and collection estimates correspond to the acreage needed in the plan? Are manure application rates realistic for the calibrated equipment used?			
		x	
6. Is a single phosphorus (P) assessment of either the P Index or soil test P management strategy uniformly applied to all fields within a tract?			
		x	
7. Are areas of concentrated flow, resulting in reoccurring gullies, planned to be protected with perennial vegetative cover?			
		x	
8. Will nutrient applications on non-frozen soil within the SWQMA comply with the following?			
a.	Unincorporated liquid manure on unsaturated soils will be applied according to Table 1 of the 590 standard to minimize runoff	x	
b.	One or more of the following practices will be used: 1) Install/maintain permanent vegetative buffers, or 2) Maintain greater than 30% crop residue or vegetative coverage on the surface after nutrient application, or 3) Incorporate nutrients leaving adequate residue to meet tolerable soil loss, or 4) Establish fall cover crops promptly following application	x	

Signature of qualified nutrient management planner

*Matt Luther*