ARM-LWR-479 (08/10)

Wisconsin Department of Agriculture, Trade & Consumer Protection
Division of Agricultural Resource Management
Bureau of Land and Water Resources
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Nutrient Management Plan Review

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

This form and Snap Plus software are used to review nutrient management (NM) plans for compliance with the NRCS 590 Standard (September 2005). An "x" is placed in the **Yes** column for plan components that meet the standard 590; or in the **No** column if the plan is lacking. The reviewer will underline any item that is lacking in the second column and may provide more information in the last column. To improve future plans, copies of this review may be provided to the farmer, planner, and local conservation staff.

(please type or print)

Review date:_____ Reviewer Name:_____ NM Plan's Crop Year_____ County: _____

Planner Name: _____ Planner Address: _____

Farmer Name: _____ Farmer Address: _____

Does the NM plan have:	How to Check Using Snap Plus v 1.132 Plan Name: (underline plan problem)	Yes	No	Comments
1. a **Snap Plus database**	Open unzipped database in Snap Plus with File then Open. Browse for the file.			
2. consistent **field boundaries, numbering,** and **acres,** adjusted **slope** & **distance to water** not defaults (0-2%) (0-300')**,** [**dominant critical soil type, and N (nitrogen) soil, winter, non-winter surface water, well/groundwater conduit, concentrated flow**] application restrictions for all fields properly explained & mapped on soil/restriction maps	Compare map features to the Field Screen. Correct any soil type that does not reflect the steepest soil that covers 10% or more of the field. Correct any soil type's slope that is not consistent with the dominant critical series slope range. Make a note of which fields were changed then run ***Field Data & 590 Assessment Report*** see columns: Field Name and Acres, Soil series & map symbol, Below Field Slope To Water (%), Distance To Water (ft), N and Field Restrictions			
3. **concentrated flow** areas protected with perennial vegetation and **realistic yields** with **updates to actual**	Compare ***Narrative and Crops Report*** to maps for protected concentrated flow areas and compare yields over time for consistency in planning and actual updates.			
4. proper **soil testing** on every field at least every 4 years	Review ***Compliance Check Report*** for current soil tests, number of samples needed			
5. **N (nitrogen) soil** restrictions properly planned & explained	Review ***Compliance Check Report*** for excessive summer and fall N applied (R=close to bedrock, W=high water table, P=highly permeable soil)			
6. **winter** restrictions properly planned & explained	Review ***Compliance Check Report*** for Field Slope (%), Field in SWQMA, Local prohibitions for winter applications, Winter P2O5 excess, Winter liquid manure rate > 7000 gallons/acre, Winter slope, Winter applications on fields with local restrictions, Winter SWQMA			
7. **non-winter surface water** restrictions properly planned & explained	Review ***Compliance Check Report*** for Excess rate for single application without incorporation in SWQMA, or SWQMA application without appropriate runoff management			
8. **Well/groundwater conduit** restrictions properly planned & explained	Review ***Compliance Check Report*** for unincorporated applications near drinking water well w/in 50 ft, other wells, tile inlets, surf. bedrock, sinkhole upslope (w/in 200 ft), applications above groundwater conduits			
9. **UW N** recommendations or less on every field every year	Review ***Compliance Check Report*** for N over applied			
10. Tolerable soil loss levels, **T**, on every field	Review ***Compliance Check Report*** for fields exceeding 'T'			
11. **rotational P management** providing for annual crop needs	Review ***Compliance Check Report*** for Rotational P2O5 balance over applied, Rotational P Index greater than 6, Fertilizer P2O5 excess(lb/ac)			
12. **K** applications consistent with needs	Review ***Spreading and NM Sorted By Crop Report*** column Over(+) Under(-) Adj. UW Recs K2O lb/ac.			
13. annually consistent **manure** production, collection, and **calibrated** manure application amounts or explain why	Review ***Manure Tracking Report*** columns Production (lbs), Used (lbs), Calibrated rate. Compare ***Spreading and NM Sorted By Crop Report*** column Application rate and method for consistency with manure calibration.			