

5-YEAR NMP SUBMITTAL CHECKLIST

Yes No N/A

1. NMP Checklists			
a. NRCS 590 Checklist: Signed by certified nutrient management planner in Wisconsin; Scan in to sharepoint (not available as fillable form)			
b. DNR Form 3400-25B: Fillable form in sharepoint; Ensure form information is consistent with information within the rest of NMP			
2. NMP Narrative (Narrative template available HERE)			
a. Expected numbers of animal units currently on site, at end of first year of permit term AND through the permit term			
b. Expected amounts and types of manure/process wastewater produced currently AND through the permit term			
c. Amount of manure/process wastewater to be land applied through the permit term			
d. Anticipated frequency and methods of application: Seasons applications take place, equipment used, etc.			
e. Other methods of disposal or distribution: Offsite waste collection, distributed manure/process wastewater, special treatment of manure, etc.			
f. Acreage included in the NMP: Total acres, spreadable acres, acreage owned, acreage rented/in agreements; Do acres match 3400-25b and 590 checklist?			
g. General manure/process wastewater application requirements: NR 243.14(2)(b)(1-13)&(c-f)			
h. Nutrient crediting requirements: NR 243.14(3); Requirements from code listed			
i. SWQMA strategies to be used by the farm: Option 1-5; NR 243.14(4)			
j. Phosphorus management method used: P index or Soil Test P			
k. Winter spreading sites listed by field name: Winter spreading of solid manure AND/OR emergency winter spreading of liquid manure; At least 2 approvable fields submitted			
l. Manure stacking sites listed by site name: Each stacking site has unique indicator for tracking and approval			
m. Days of storage calculation: Manure generation and storage volumes listed and are consistent with engineering documentation; DNR spreadsheet OR compatible calculation			
n. Manure testing and analysis procedure: 2 samples per calendar month when applying (liquid); Quarterly (solid)			
o. Equipment calibration procedure: When and how often; procedure used			
p. Record keeping reports for Annual and Daily spreading: DNR forms 3200-123 (Annual Spreading Report) and 3200-123a (Daily Log) are recommended; Are non-DNR forms submitted for approval?			
3. Manure/Process Wastewater application Restriction Map Sets			
a. All required map sets are submitted:			

<ul style="list-style-type: none"> - Non-winter (required) - Winter (required only on fields seeking winter approval) - Headland stacking (required only is farm headland stacks manure) - Topography - Tile line (required only if tile lines are present) - Manure irrigation (required only if manure irrigation is present) - Winter process wastewater applications (only required if winter applications of process wastewater occur) 			
b. Non-Winter set: All fields included in the NMP			
c. Winter set: Only needed for fields seeking approval for winter spreading of solid manure and/or emergency liquid application approval			
d. Headland stacking set: Specific polygons drawn in to show exact location; site name on map; verify site selection and criteria (Web soil survey, SNAP Maps, NRCS 313)			
e. Tile line set			
f. Manure irrigation set			
g. Winter process wastewater applications set			
4. Manure/Process Wastewater application Restriction Map Features			
a. Private wells: 100ft setback; 300ft setback for winter			
b. Community wells: 1,000ft setback			
c. Sub-soil restrictions: 'w' soils (<24in. to groundwater); 'r' soils (<24in. to bedrock); Fall N restricted soils			
d. Direct conduits to groundwater: 100ft setback; 300ft setback for winter; (Sinkholes, swallets, fractured BR at surface, mine shafts, non-metallic mines, tile inlets that discharge to GW quarries, and depressional GW recharge areas over shallow fractured bedrock)			
e. Wetlands: DNR layer turned on; 25ft setback: 200ft setback for winter			
f. Concentrated flow channels: No applications within channel; 200ft setback for winter; (Flow channels within fields, grass waterways, road ditches)			
g. SWQMA Areas			
h. Perennial rivers/streams AND intermittent streams: 300ft area; winter applications prohibited			
i. Conduits to navigable water: 300ft area; winter applications prohibited; (Ditches, concentrated flow channels, sinkholes, ag well heads, tile intakes, vent pipes, and grass waterways; that lead to a navigable water)			
j. Lakes/ponds: 1,000ft area; winter applications prohibited; farm ponds/bermed ponds also included			
5. Nutrient Management Reports			
a. NM2 SNAP+ Compliance check report: Include all permit years and/or crop rotation years; planned overapplications not permitted; incorrect SWQMA options can lead to many compliance messages			
b. NM3 SNAP+ 590 Assessment report: All fields meet 't' and PI requirements; Fields over 100ppm soil test P meet rotational P drawdowns; Full field crop rotations are listed (not just permit year)			

c. CNM4 SNAP+ CAFO Nutrient Mass Balance report: Include all permit years; Manure analysis match test results OR averages; Manure/Process wastewater application volumes equal OR exceed production volumes			
d. CNM1 SNAP+ CAFO Annual Spreading report: Include all permit years			
e. NM5 SNAP+ Spreading and NM Sorted by Crop report: Include all permit years			
f. FM6 SNAP+ Soil Test Summary report: Most recent samples only (short report); Ensure lab name and number are included; Density meets 1 test/5 acres; If out of date, 101ppm P can be used for planning purposes ONLY			
g. Manure Analysis reports: Submit all analysis from past permit term; If using averages for planning, include calculation; Results match nutrient content used in NMP; Do sources in NMP match sources in permit?			
6. Nitrogen and Phosphorus Management Consideration			
a. Fields 101-200ppm P: Drawdown P by 50% cumulative crop removal over a maximum 4-year rotation			
b. All fields meet P Index of 6 or less over rotation AND 12 or less annually			
c. Fields >50ppm P: Is commercial P above 20lbs in starter being added to field?			
d. Have overapplications of N taken place in the past permit term?: If so, has proper documentation been submitted to justify applications of N over UW Recommendations?			
7. Manure/Process Wastewater Irrigation			
a. Is manure/process wastewater irrigation used?: If no, ignore remainder of this section			
b. Irrigation questionnaire submitted			
e. Irrigation narrative submitted			
f. Irrigation specific restriction maps submitted: Restrictions from NR 243.14 AND NR 214.14 are shown on maps			
g. Drift monitoring log submitted			
h. Irrigation equipment specifications submitted			
i. Manure/PWW nutrient analysis test results submitted			
j. Soil tests submitted for irrigation fields			
8. NR 151 Silurian Bedrock Targeted Performance Standards			
a. Are there fields in the NMP within the Silurian Bedrock Targeted Map layer?: If no, ignore remainder of this section			
k. Silurian fields are listed in the NMP narrative			
l. Silurian fields are ranked for risk of pathogen delivery to groundwater			
m. Silurian bedrock map layers are included on restriction maps			
n. Pre-tillage is used for all manure applications on Silurian fields: Exemptions include applications on long term no-till fields, perennial crops, or established crops			
o. Applications rates have been restricted based on depth to bedrock and soil type			
p. Additional setbacks to sensitive areas have been acknowledged and added to restriction maps:			

<ul style="list-style-type: none">- 250ft setback to private wells- 300ft setback to other conduits to groundwater- 100ft setback from concentrated flow channels leading to community well, private well, or direct conduit to groundwater- 100ft setback of bedrock in a closed depression- Prohibited applications on greater than 6% slope and has flow channel leading to closed depression			
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