

## **Wisconsin Comprehensive Nutrient Management Plan Summary**

A CNMP is a document developed by professionals using the NRCS's NPPH to keep a record the planning process and develop tools for the producer. The plan would include:

1. Inventories of the livestock producer's existing operation
  - a. Production area
  - b. Cropland
  - c. Pasture
  - d. Environmentally sensitive areas
2. Evaluations the operation compared to NRCS's e-FOTG section III Quality criteria
3. Identified resource concerns and benchmark conditions
4. Alternatives developed to address resource concerns in the following areas:
  - a. Production area
  - b. Cropland erosion control
  - c. Nutrient management (utilization of the nutrients)
  - d. Farmstead safety and security
  - e. Pasture
5. Alternatives selected through conversations between the producer and professional
6. Planned conditions or desired future conditions with selected practices
7. Management documents developed through conversations between the producer and professional
  - a. Risk management
    - i. Biosecurity plan
    - ii. Emergency response contacts
    - iii. Producer's emergency plans when spills occur
  - b. Record keeping
  - c. Farmstead Safety and Security Inventory, Evaluation, and Alternatives

# Wisconsin Comprehensive Nutrient Management Plan Contents and Certification Plan period \_\_\_\_\_

A Comprehensive Nutrient Management Plan (CNMP) is a conservation plan that includes any combination of structural practices, management activities, or land management practices for an AFO associated with crop or livestock production that collectively ensures that the purposes of crop or livestock production and preservation of natural resources (especially the conservation of air, soil, and water quality) are compatible.

A CNMP follow the planning process outlined in the NPPH. Planning criteria can be found in the WI e-FOTG. The Wisconsin inventory and evaluation worksheets for agronomy and engineering guide planners through the planning process. This form is a summary of plan contents by component.

CNMPs which do not follow the 9 steps of planning and planning criteria will be considered **incomplete** and returned to the planner(s).

Farm Name: \_\_\_\_\_

Farm Owner/Operator: \_\_\_\_\_ County: \_\_\_\_\_

<p><b>Certified CNMP Planner</b></p> <p>Name: _____</p> <p>Business Name: _____</p> <p>Print _____</p> <p>Signature _____ Date _____</p>	<p><b>CNMP Professional Engineer</b></p> <p>Name: _____</p> <p>Business Name: _____</p> <p>Print _____</p> <p>Signature _____ Date _____</p>
<p><b>Landowner/Operator</b></p> <p>Signature _____</p> <p>Date _____</p>	<p><b>NRCS Agronomic Acceptance</b> (Certified CNMP planner)</p> <p>Signature _____</p> <p>Date _____</p> <p><b>NRCS Engineering Acceptance</b> (Certified CNMP planner)</p> <p>Signature _____</p> <p>Date _____</p>

<b>CNMP Required Components (Delivered to the Client)</b>	
<b>1) CNMP Summary, Introduction, Emergency Plan, &amp; General Information</b>	
a) Title Page	<ol style="list-style-type: none"> <li>1. T - R - Section</li> <li>2. Address</li> </ol>
b) Emergency Response Contacts	
c) Detail Plan(s) including: (storage, transfer, application, gasses, accidents)	<ol style="list-style-type: none"> <li>1. Site maps showing a) flow direction, b) locations of possible containment for both production site and land application areas.</li> <li>2. List detailed response procedures broken down by type of spill</li> <li>3. Equipment needed</li> <li>4. Planned measures to minimize damage</li> </ol>
d) Biosecurity Plan	
e) Farm Overview including:	<ol style="list-style-type: none"> <li>1. Farm history and description,</li> <li>2. Primary livestock type, numbers, and products produced</li> <li>3. Primary crops and total crop acres</li> <li>4. Livestock production facilities</li> <li>5. Manure management system(s)</li> </ol>
f) Landowner's CNMP Objectives	
g) Landowner's Conservation Accomplishments and Successes	
h) Existing Installed Practices	
i) Record of Decisions / Schedule of Planned Conservation (WI eFOTG > Section I > CNMP > Forms > Record of Decisions.xlsx)	
j) Summary of needed permits for planned practices	
k) Summary of permit conditions that relate to the operation of the facility	
<b>2) Maps &amp; Site Photos Use National Geospatial Manual 170-581 symbology (National Conservation Plan, National Soil and Water Conservation Engineering and National Conservation Practice Standards symbols)</b>	
a) Proximity Maps (Label the production sites and Associated Cropland)	
b) Map(s) with aerial photo background of the primary and secondary livestock production facilities. Label key features	<ul style="list-style-type: none"> <li>• Show existing practices</li> <li>• Show planned practices</li> </ul>
c) Farm, Tract, and Field numbers table	
d) Farm, Tract, and Field maps (labeled as in 2 C)	<ul style="list-style-type: none"> <li>• Show existing practices</li> <li>• Show planned practices</li> </ul>

**3) Record Keeping forms  
(developed with the producer as required)**

- a) Cropping history (crop rotation) and yields
- b) Waste Storage Facility manure tests
- c) Pumping and Cleanout Event Record
- d) Manure application (spreader) calibration
- e) Manure Application records
- f) Manure Imports
- g) Manure Exports
- h) Non nutrient management (590) plan related (as applicable)
  - a. Inspection of Manure and Wastewater Handling and Storage facilities
  - b. Manure system maintenance
  - c. Accidental spills
  - d. Feed Management
  - e. Pest Management
  - f. Grazing Management

**4) Completed Inventory Forms**

- a) Resources
- b) Engineering

## CNMP Required Components (Delivered to the NRCS)

### Cover 2)

- a) Conservation 6 notes (notes of discussion with the producer)
- b) General correspondence & letters
- c) Summary of needed permits for planned practices
- d) Farm, Tract, and Field numbers table

### Cover 3) Use National Geospatial Manual 170-581 symbology (National Conservation Plan, National Soil and Water Conservation Engineering and National Conservation Practice Standards symbols)

- a) Proximity Maps (Label the production sites and Associated Cropland)
  - **Land Ownership or control:** Evidence of control of land through ownership documents (deeds, etc.) or lease information (rental agreements, permits, lease, etc)
  - **FSA-Producer Farm Data Report / FSA-156EZ**
- b) Map(s) with aerial photo background of the primary and secondary livestock production facilities. (Label key features)
  - Show existing practices
  - Show planned practices
- c) Farm, Tract, and Field numbers table
- d) Farm, Tract, and Field maps (labeled as in 2 C for client)
  - Show existing practices
  - Show planned practices
- e) Soils Maps
- f) USGS Topo maps
- g) Soils reports (such as prime Farmland, non-technical soil descriptions)

### Cover 4)

- a) Record of Decisions / Schedule of Planned Conservation (WI-NRCS-CPA-68)

### Cover 5)

- a) Engineering Inventory Worksheet (s)
- b) Resources Inventory Worksheet (s)
- c) Engineering Evaluation Worksheet (s)
- d) Resources Evaluation Worksheet (s)
- e) Data for Resource concerns (CPA-52 e-FOTG I)  
[http://www.nrcs.usda.gov/wps/portal/nrcs/detail/wi/technical/cp/?cid=nrcs142p2\\_020800](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/wi/technical/cp/?cid=nrcs142p2_020800)
- f) Benchmark Conditions
- g) Planned Conditions
- h) Photographs documentation of the CNMP inventories
- i) Engineering design folder and construction or as-built drawings
- j) Job sheets and worksheets
- k) Operation and Maintenance agreements
- l) Soil test results
- m) Geologic investigations

<b>Cover 5a) Manure and Wastewater Handling and Storage Evaluation, Resource concerns, and Alternatives</b>
<ul style="list-style-type: none"> <li>a) As-built plans for existing site practices</li> <li>b) Engineering evaluations</li> <li>c) Identify Resource Concerns based on the Evaluations</li> <li>d) Develop Alternatives that support the nutrient management system (management changes and conservation practices to solve resource concerns)</li> <li>e) Conceptual Plans of conservation practices</li> </ul>
<b>Cover 5b) Farmstead Safety and Security Evaluation, Resource concerns, and Alternatives</b>
<ul style="list-style-type: none"> <li>a) Identify Resource Concerns based on the Evaluations</li> <li>b) Develop Alternatives (management changes and conservation practices to solve resource concerns)</li> <li>c) Conceptual Plans of conservation practices relating to: <ul style="list-style-type: none"> <li>1) Wells</li> <li>2) Mortality management</li> <li>3) Petroleum storage</li> <li>4) Medical waste disposal</li> <li>5) Pesticide storage and mixing</li> <li>6) Storage and disposal of hazardous products</li> <li>7) Disposal of plastic and other solid waste material</li> </ul> </li> </ul>
<b>Cover 5c) Cropland Evaluation, Resource concerns, and Alternatives</b>
<ul style="list-style-type: none"> <li>a) Agronomic Cropland Inventory Worksheet</li> <li>b) Agronomic Cropland Evaluations</li> <li>c) Identify Resource Concerns based on the Evaluations</li> <li>d) Aerial maps of land application (Labeled)</li> <li>e) Soil maps (Labeled)</li> <li>f) Develop Alternatives (management and practices to solve/address resource concerns)</li> <li>g) Selected conservation practices labeled on maps</li> </ul>
<b>Cover 5d) Nutrient Management Evaluation, Resource concerns, and Alternatives</b>
<ul style="list-style-type: none"> <li>a) Agronomic Nutrient Management Inventory Worksheet</li> <li>b) Agronomic Nutrient Management Evaluations</li> <li>c) Identify Resource Concerns based on the Evaluations</li> <li>d) Manure Spreading Restriction Maps</li> <li>e) Develop Alternatives (management changes and supporting conservation practices <i>in coordination with the manure and wastewater handling and storage planner</i> to solve resource concerns)</li> <li>f) Nutrient Management Plan</li> </ul>

**Cover 5e) Grazing and Pasture Evaluation, Resource concerns, and Alternatives (if applicable)**

- a) Grazing and Pasture Inventory Worksheet
- b) Grazing and Pasture Evaluations
- c) Identify Resource Concerns based on the Evaluations
- d) Aerial maps of grazed pasture (Labeled)
- e) Develop Alternatives (management and practices to solve/address resource concerns)
- f) Selected conservation practices labeled on maps

**Cover 5f) Feed Management Evaluation, Resource concerns, and Alternatives (Implementation optional) (if applicable)**

- a) Agronomic Feed Management Inventory Worksheet
- b) Agronomic Feed Management Evaluations
- c) Identify Resource Concerns based on the Evaluations
- d) Develop Alternatives

**Cover 5g) Pest Management Evaluation, Resource concerns, and Alternatives (Implementation optional) (if applicable)**

- a) Agronomic Pest Management Inventory Worksheet
- b) Agronomic Pest Management Evaluations
- c) Identify Resource Concerns based on the Evaluations
- d) Develop Alternatives

**Cover 5h) Appendix**

- a) Resource data for Inventories
- b) Supporting documentations for evaluations and benchmark conditions
- c) Supporting documentations for alternative
- d) Other reference documents