

Rosetta Stone: Compares existing NM CNMP format with MMP Tabs and new CNMP, "Smart Document" format

Existing NM format	MMP Tabs	New CNMP (Smart Document)
A. Facility Information		
Name, address, phone number(s) of the AFO	General	page 1
Name of the owner and operator	"	"
Legal description of AFO	"	"
Hydrologic unit code	Fields	"
AU of the facility	Animals	Sec 1.1 and 2.4
Total acres available for nutrient application owned or leased by the facility	Fields	Sec 6.1
Date the CNMP was completed CNMP page 1	General	Page 1
Name and Signatures of the Client, Certified CNMP Planner, Certified Specialists, Manure and Wastewater Handling and Storage, Land Treatment Practices, Nutrient Management.	"Notes" in General	page 1,2
B. Safety and Emergency Action Plan		
Phone numbers for fire, ambulance, law enforcement, spill recovery, spill reporting, farm personnel	not entered	sec 3.1
Recovery equipment - what and where	not entered	sec 3.1
Action Plan for fire, personal injury, spills from containment structure, spills during pumping, spills during transport	not entered	sec 3.1
C. Objectives and Resource Concerns		
Determine and state future goals and objectives of producer; an increase in herd size or the addition of a solid/liquid separator will change the nutrient balance on the facility. If future goals change the balance of the nutrient budgeting within the next five years, complete the comprehensive nutrient management plan for	not entered	Sec 1.1
State and address resource concerns on facility and land application sites.	Fields	Sec 1.3
Consider runoff situation on facility; state final destination of drain ditches and canals, even if runoff from irrigation or storm events does not enter these waterways. "Fields" tab CNMP Sec 1.3 and 4.2	Fields	Sec 1.3 and 4.2
Include 8-digit hydrologic unit code and stream segment the facility is located by; if stream section is water quality limited (TMDL segment), state the water bodies pollutants of concern.	Fields	Sec 1.3 and 4.2
All environmental sensitive issues and concerns must be addressed in this section (i.e. surface water, bedrock, rock outcrops, wetlands)	not entered	Sec 1.3
D. Inventory, Analysis and Alternatives		
1. Conservation Plan Map		
Milk barn, holding tank, feed storage	not entered	Sec 4.1
Livestock housing and corrals	"	"
Waste structures, lagoon(s), separator(s), solid storage, ditches, buried or surface pipelines, runoff containment, corral slopes, berms	not entered	Sec 4.1
Residences	"	"

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Property lines, if appropriate; boundary lines of planning unit, field boundaries, land use and acres for each land unit, appropriate map symbols and legend	not entered	Sec 4.1
Wells and/or well heads	"	"
Monitoring wells	"	"
Surface waters, surface/subsurface drains (direction of flow)	"	"
Title block showing: "Conservation Plan Map", "Prepared with assistance from ___Name_____", Name of the conservation district, county and state, map scale, date prepared, North arrow	"	"
Include a larger scale map showing a 1-mile radius surrounding facility, including all wells	"	"
2. Soils Map	Fields	Sec 1.1
3. NM CNMP Inventory Sheet, or equivalent to include:		
a. Name and location of Facility	General	Sec. 1.1
b. Production information, including number and species of animals, average weight, phases of animal production, number of days in system, manure volumes, consistency location and timing of manure produced. The production estimates should include future expansion	Animals	Sec 2.3 and 2.4
c. Roof and / or runoff management	not entered	Sec 2.3
d. Management of dead animals and veterinary wastes	not entered	Sec 2.3
e. Manure Collection, Storage, Treatment, and Transfer		
Collection - Identify method of collection, location of the collection points, scheduling of the collection, labor requirements, necessary equipment or structural facilities, and impact that collection has on the consistency of the waste. Report information on maintenance and cleaning of the milking parlor, including cow preparation for dairies	Storage, Animals	Sec 2.2 and 2.3
Storage - The storage period should be determined by the utilization schedule; the waste management system should identify the storage period; the required storage volume; the type, estimated size, and location of the storage facility; and the impact of the storage on the consistency of the waste.	Storage, Animals	Sec 2.2 and 2.3
Treatment- include an analysis of the characteristics of the waste before treatment; a determination of the desired characteristics of the waste following treatment; and the selection of the type, estimated size, location.	Storage, Animals	Sec 2.3
Transfer – include an analysis of the consistency of the waste to be moved, method of transportation, distance between points, frequency and scheduling, and necessary equipment.	Storage, Animals	Sec 2.3, 2.6-8
f. Manure Utilization – Describe how manure is and will be used, which may include as a source of energy, bedding, animal feed, mulch, organic matter, or plant nutrients.		
(1) Land Application		
A complete analysis of utilization through land application includes designing the distribution system and selecting necessary equipment.	Cr, An, Eq, NuM	Sec 6.1-6.11
A nutrient management plan is to be developed to determine application rates and volumes;	Cr, An, Eq, NuM	Sec 6.1-6.11
Individual field maps with marked setbacks, buffers, waterways	Fields, Nut Mgnt	Sec 4.1, 4.2 and 6.2

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A soil map with appropriate interpretations, such as land capability groupings, woodland suitability groups, pasture and hayland suitability groups, and other interpretive information regarding suitability for specific land uses	Fields, NuMgt	Sec 4.1-2 and 6.2
Site evaluation	Fields	Sec 4.1-2 and 5.1-4
Crop rotation	Crops	Sec 4.1-2 and 5.1-4
Crops and yields	Crops	Sec 4.1-2, 5.1-4 and 6.1-11
Nutrient uptake	Crops, NuMgt	Sec 4.1-2, 5.1-4 and 6.1-11
Expected seasonal application rate and time	"	"
Estimated land area requirement	"	"
Nutrient utilization worksheet	"	"
Manure valuation summary	"	"
Irrigation system – describe how cropland is irrigated, including liquid waste application. Set times, frequency of irrigation, available water holding capacity and crop management allowable depletion should be covered. Describe any changes to the irrigation system that may be necessary to address resource concerns.	Fields	Sec 6.12
(2) Grazing management	Rations	Sec 7.1
(3) Other Utilization of Manure In addition to land application, explore additional ways that manure is being or could be utilized, including methane generation and feed utilization.	Crops, NuMgt	Sec 4.1-2, 5.1-4 and 6.1-11
g. Feeding information		
Describe any measures that are or will be used to alter manure nutrient content through feed management such as phytase feeding, milk urea nitrogen testing.	Rations	Sec 7.1
h. Summary of Recommendations for Alternative Practices	not entered	Sec 1.1
E. Summary of Decisions		
General	not entered	Sec 1.1
System description	"	"
Decision maker's responsibilities	"	"
Recorded Decisions and Component Installation Schedule – include the appropriate land unit label, official practice name, brief description of the practice, and schedule of practice application in the proper sequence by calendar year		
Production Function Requirements	not entered	Sec 1.1
Collectin function requirements	"	"
Treatment function requirementsl	"	"
Storage function requirementsl	"	"
Utilization function requirementsl	"	"
Contingency Plan	"	"

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Public Protection	not entered	Sec 1.1
Closure Plan	"	"
Decision maker acknowledgement	"	"
F. Jobsheets and specificaitons		
Available job sheets and specifications applicable to the producer's specific planned practices.	not entered	Sec 2 and 6
Worksheets developed with producer, such as resource impact summaries, forage inventories, erosion	not entered	Sec 2 and 6
G. Operation and Maintenance		
1. Reviews and Plan Modifications		
<ul style="list-style-type: none"> ▪ Dates of Review, including person performing the review and recommendations that resulted from the review 	not entered	Sec. 10
<ul style="list-style-type: none"> ▪ Suggested modifications 	"	"
<ul style="list-style-type: none"> ▪ A revision may be necessary because of a change in objectives, size of the unit, livestock numbers, economics, weather conditions, etc. 	"	"
<ul style="list-style-type: none"> ▪ Based on the results of implementation, there also may be a need to look at additional alternatives if the results of plan implementation are not solving the identified problems or meeting the landowner's/operator's objectives. numbers, economics, weather conditions, etc. 	"	"
2. Operation and Maintenance Procedures	"	"
<ul style="list-style-type: none"> ▪ List of maintenance items to be done periodically to maintain system. 	"	"
H. Recordkeeping		
<ul style="list-style-type: none"> ▪ If a producer is to safely manage and assess his/her CNMP, it is critical he/she maintain a record of activities and the functionality of the system. A recordkeeping plan should be implemented that addresses key elements of the CNMP to aid in the proper application and provide for assessment documentation. 	not entered	Sec 9.1
<ul style="list-style-type: none"> ▪ Where the CNMP is part of a permitting or other regulatory program, it is the responsibility of the producer to maintain any required documentation, including plans and implementation records, and make them available to the regulatory organization, if required. 	"	"
<ul style="list-style-type: none"> • Current soil test results, in accordance with Nutrient Management Code 590. 	"	"
<ul style="list-style-type: none"> • Application records for each manure or commercial fertilizer application event, including: <ul style="list-style-type: none"> • Containment source or type and form of commercial fertilizer. • Field(s) where manure or organic by-products are applied. • Amount applied per acre • Date of Application. • Application mentod and equipment used 	"	"
<ul style="list-style-type: none"> • Crops planted and planting and/or harvesting dates, by field: 	"	"

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• Manure, lagoon sampling results	not entered	Sec 9.1
• Records that address manure and wastewater storage containment structures:	"	"
• Dates of emptying, level before emptying, and level after emptying, and discharge or overflow events, including level before and after event.	"	"
• Transfer of manure off-site or to third parties:	"	"
• Manure nutrient content (N, P, K)	"	"
• Amount of manure transferred	"	"
• Date of Transfer	"	"
• Recipient of manure (name, address, phone)	"	"
• Available maps, sketches and designs resulting from the planning process that will be useful to the producer in implementing the plan	"	"
• Environmental evaluations:	"	"
• Monitoring well results:	"	"
• Activities associated with emergency spill response plan.	"	"
• Documentation of soils/geologic investigation.	"	"
• As-built plans available onsite.	"	"
• Records associated with any reviews by NRCS, third-party consultants, or representatives of regulatory agencies:	"	"
• Dates of review.	"	"
• Name of reviewer and purpose of the review.	"	"
• Recommendations or follow-up requirements resulting from the review.	"	"
• Actions taken as a result of the review.	"	"
• Records of maintenance performed associated with operation and maintenance plans.	"	"
• Changes made in CNMP.	"	"
I. Permits		
▪ NPDES CAFO	not entered	Sec 9.2
▪ Groundwater Discharge	"	"
▪ Inspection records	"	"
▪ Operator/manager certification	"	"