

NJ NRCS Checklist for Comprehensive Nutrient Management Plans Revised April 2015

Element 1: Background and Site Information

Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>
			Name and address of producer and all farm(s) included in the CNMP?
			Latitude and longitude of farm(s)
			Type and size of operation
			Resource concerns on the operation
			Producer's manure management objectives

Element 2: Manure and Wastewater Handling and Storage

Yes	No	N/A	<i>Required Information:</i>
			Does the plan address all the activities associated with the production facility?
			Are the manure handling, storage, and treatment facilities adequately and reasonably sized for the planned manure management?
			Are all planned practices for the collection, storage, treatment, and transfer of manure included with descriptive narratives?
			Are all associated planning documents (Implementation Requirements, Jobsheets, manure storage calculations, etc.) included in this section?
			Were all negative impacts to air quality resulting for the implementation of this plan considered and mitigated?
			Are the maps of production areas complete? The maps must be scaled and accurate photos or drawings of all confinement areas, production buildings, manure storage and treatment locations, and feeding locations must be in the plan
			Does the plan include all production area conservation practices that represents the producer's decisions along with operation and maintenance requirements for each practice?
Yes	No	N/A	<i>At a minimum, is the following information included to address the collection, transfer, storage, and treatment of manure:</i>
			Type of storage
			Operational capacity
			Annual storage requirements
			Maximum days of storage
			Manure on hand at the start of the plan
			Management of silage leachate, scraping lots, etc.
Yes	No	N/A	<i>Required Information</i>
Yes	No	N/A	<i>At a minimum, is the following animal inventory information included?</i>
			Animal groups and types
			Weight of animals
			Confinement period of animals
			Percentage of manure collected (days of confinement/365 X 100)
			Additional bedding or washwater
			Identification of where each manure group will be stored
Yes	No	N/A	<i>At a minimum, is the following information for mortality management included in the plan?</i>

			Description of how the normal mortality will be managed in an environmentally acceptable manner (burial requirements, incineration, rendering)
Yes	No	N/A	<i>Is the following information for manure movement included in the plan?</i>
			Are planned manure exports documented?
			Are planned manure imports documented?
			Are planned internal transfers documented?
Element 3: Farmstead Safety and Security Element			
Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>
			General emergency procedures in response to leaks or spills of manure, chemical, fuel, or other substances
			Contact information for emergency personnel (police, fire, etc.)
			Biosecurity procedures that includes protocol for farm visitors and disposal of animal veterinary waste
			Procedures to follow in the event of catastrophic mortalities (if rendering is the procedure, contact information for the rendering company should be included)
Element 4: Land Treatment Practices			
Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>
			Aerial maps of land application areas
			Soil maps of land application areas
			Maps show setbacks, buffers, waterways, planned and applied conservation practices, and other pertinent information
			Identification of sensitive areas such as sinkholes, streams, springs, lakes, ponds, wells, gullies, and drinking water sources
			Other significant information such as property boundaries or occupied dwellings
Yes	No	N/A	<i>Is the following information included for each conservation practice in the plan?</i>
			The planned conservation practice(s) meet planning criteria for soil erosion, air quality, and water quality.
			Narratives, Operation and Maintenance Plans, Job Sheets, Implementation Requirements, etc. exist for each conservation practice
			Other resource concerns associated with the operation meet quality criteria (ex. plant resources for grazing operations)
			All negative impacts to air quality as a result of implementing or maintaining the plan has been/will be mitigated
Element 5: Soil and Risk Assessment Analyses			
Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>
			Aerial site photographs or imagery for all fields where nutrients will be applied
			Soil survey for all areas where nutrients will be applied
			Soil type surface texture, pH, drainage class, permeability, available water holding capacity, depth to water table, restrictive features, and flooding or ponding frequency is defined for each soil
			RUSLE2 and/or WEPS printouts with accurate rotations and yields
			All fields are planned to meet soil erosion planning criteria (1T)
			Nutrient Leaching Risk
			Phosphorus Index
Element 6: Nutrient Management			
Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>

			Field specific information in table format including field number, acres, and land use
			Appropriate yields and crops
			Nutrients are applied according to the Nutrient Leaching Risk and Phosphorus Index
			Complete nutrient budget for nitrogen, phosphorus, and potassium that describes the application source, timing, amount, and placement of nutrients
			Manure inventory annual summary
			Farm nutrient balance
			Manure application calendar
			All nutrient forms and types are listed, quantified, and included in the budget
			Guidance for implementation, operation and maintenance, and record keeping
			Incorporation methods of manure are consistent with the Land Treatment Practices as well as the Phosphorus Index and RUSLE2/WEPS reports
			All setbacks are defined in table format, and illustrated on a map
			Soil test data
			Manure analysis results
			Irrigation water test data
			*Additional required information for precision/variable rate nutrient management plans can be found in the NJ NRCS 590 Nutrient Management Standard
Yes	No	N/A	<i>Additional Required Information Needed When Soil Phosphorus Levels Are Expected to Increase:</i>
			Soil test P levels are defined for when planning will need convert from N based to P based
			Soil test P drawdown plan
			Management activities or techniques are planned to reduce the potential for phosphorus transport and loss
			The amount of manure over what is needed for crop production is quantified
			Long-term strategies and proposed implementation timelines for reducing soil P to levels that protect water quality
Element 7: Feed Management			
Yes	No	N/A	<i>Required Information:</i>
			This section is only included if it is determined to be needed to reduce the amount of nutrients excreted in manure
			Diets and feed management strategies are developed by a certified professional
Element 8: Other Utilization Options			
Yes	No	N/A	<i>At a minimum, is the following information included in the plan?</i>
			All other utilization methods other than land application are explained
			Amount of manure used for other utilization options is quantified
			Other utilization methods do not have the potential to pollute or contaminate water sources
Element 9: Record Keeping			
Yes	No	N/A	<i>Required Information:</i>
			Inspection/monitoring records of the operation and maintenance of each planned and applied conservation practice

			Annual crop records including crop and yield by field
			Manure application records including the date, rate, timing, weather, setbacks by manure type, manure source, and storage facility where the manure was stored by field
			Other nutrient applications including the content analysis, application rate/acre, amount of water applied, and nutrient content of irrigation water by field
			Manure exports off the farm including date and amount
			Manure imports onto the farm including date, amount, and analysis of manure
			Internal transfers of manure including the date, amount, initial location, and final location of the manure
			Other records required by the state
Element 10: References			
Yes	No	N/A	<i>Required Information:</i>
			All technical sources important to understanding the contents or implementation of the CNMP are referenced.

**This checklist may not be all inclusive to the requirements of the CNMP and the conservation practices listed in the CNMP. Refer to the Plans and Specifications of each Conservation Practice Standards for complete requirements.