



Nutrient Management Plan Check List

- **Farm location** with site location – Include directions from a closest city to your farm. List highway/road names.
- **Farm Description** including
 - General Topography – Provide details to land topography for whole farm that is included in NMP. This includes barn area and all land application areas.
 - Number of Animals – Number of head, not animal units; Broken down into types. Ex. 150 milking cows, 50 heifers and 2 bulls or 760 sows and 50 barrows.
 - Animal Type
 - GPS Coordinates – Taken at the driveway that is used to enter into the farm.
 - Manure System – Provide enough to understand design and management of the waste system.
 - Confinement Practices – Ex. Free stall dairy barns or farrowing barns with a pull-plug system. If dairy farm, please include information regarding housing of heifers.
- **Waste Handling System** including
 - Liner Description – If the liner is engineered, please provide all supporting documents for each cell of the system. If the liner is built to NRCS Standards, provide supporting documents if applicable
 - Size and Capacity of each individual storage cell
 - Total storage time for the entire system
 - Leakage Prevention and Inspection – Describe how often the inspection takes place. NPDES/LAS LARGE – weekly; LAS MEDIUM – monthly
 - Max Fill Level
 - Stop Pumping Level
 - Solid Separation – Description of system design, dimensions, and total storage time
- **Manure Nutrient Generation Calculation** – Manure production records are required if calculation is based on historical data. If the calculator is used from the software, please make a note in the NMP. Ensure the information used for the calculator is reflective from the animal waste report.
- **Land Application** including
 - Application System Type
 - Equipment Calibration Records for 1-3 years
 - Field Application including each field having its own application page
 - ***Please ensure that all field names are consistent throughout the plan. This includes field application pages, soil test results and maps.***
 - Soil Test Results for each field including Field Name, Acreage, Crop, Soil Test P, pH, Crop Nutrient Needs
 - Application Method
 - P-Index Calculator with Vegetated Buffers that must be shown on map, buffer area soil test, deducted from spreadable acres. P-Index Calculator must be completed for any and all potential soil erosion or run-off from an application field.

Continued 

- Land Application Summary – All manure sources addressed; on and off-site application; If there is any excess manure produced, please ensure it is addressed.
- **Emergency Action Plan** – please ensure that all phone numbers are completed.
- **Mortality Plan** – Meeting state regulations
 - Catastrophic Morality Plan – Meeting state regulations
- **Closure Plan** - Meeting state regulations
- **Records to be kept on farm**
- **Maps**
 - Farm Map Required
 - Must include farm property lines
 - Use of cropland, pastures, etc. – Ex. Hay or Crop or Small Grain
 - Farm field boundaries with field identification – ensure that the field name is consistent throughout the NMP and records.
 - Surface water locations including streams, rivers, ponds, ditches, etc.
 - Arrows showing direction of stream/surface water flow
 - All well locations
 - Regulated buffers
 - North arrow
 - Date prepared
 - Road names/numbers
 - Legend with map symbols
 - Bar scale
- **Chemical Storage** – Discussion of chemical/medical waste
- **SPCC Plan** – Farm may need to meet EPA requirements
 - SPCC Plan applies to farms that
 - Store, Transfer, Use or Consume **oil or oil products**, such as diesel fuel, gasoline, lube oil, hydraulic oil, adjuvant oil, crop oil, vegetable oil, or animal fat
 - Store more than **2,500 gallons** in above ground containers
 - Could **reasonably be expected to discharge oil to waters** of the US or adjoining shorelines such as intrastate lakes, rivers and streams.
- **Attachments:**
 - Maps including
 - Farm/Location
 - Field maps if not all fields can fit on the farm map
 - Soil
 - Topo
 - Soil Test Results – within the last calendar year and should be the samples used to complete the recommendation for each field application.
 - Manure Test Results – within the last calendar year and should be the samples used to complete the application rates for each field application.