



Soil Amendment NMP Checklist

- Site location** – Include directions from the closest city to your farm. List highway/road names.
- Site 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.
 - GPS Coordinates – Taken at the driveway that is used to enter the farm.
 - Soil amendment System – Provide enough details to understand production, treatment, and land application of various soil amendment products used in the land application program.
- Product Handling System** including
 - Transportation – Mode of product transportation to the site
 - On site storage system- Frac tanks or lagoon/storage ponds
 - Liner Description – If the liner is engineered, please provide all supporting documents for each cell of the system.
 - Number of individual storage cell/tanks
 - Size and Capacity of each individual storage cell/tanks
 - Total storage time for the entire system
 - Leakage Prevention and Inspection – Describe how often the inspection takes place.
 - Max Fill Level for the lagoon/storage ponds
 - Stop Pumping Level for the lagoon/storage ponds
 - Gauge Present in lagoon/storage ponds- **Answer must be Yes or plan cannot be approved.**
- Nutrient Generation Calculation** – Soil amendment production records are required if calculation is based on historical data. Ensure the information used for the calculation is reflective from the most recent product analysis report.
- Land Application** including
 - Application System Type (Injector/Spreader)
 - Equipment Calibration Records within past one year
 - Field Application including each field having its own application page
 - Field Identifications: Please ensure that all field names are consistent throughout the plan. This includes field application pages, soil test results, maps, and reports.
 - Nutrient Application Rates: Filed descriptions for each field including Field Name, Acreage, Crop, Soil Test P, pH, Nutrient (N, P, K) Application Rates (lbs./acre), Product application rates (gal/acre or ton/acre), Application Method (surface/subsurface), Application Windows (months).

- Hydraulic Loading Rates: All liquid products applied to a site shall also include hydraulic loading rate (in/hr. or gallons/hour) and maximum hydraulic loading amount (inches or gallons) per application event.
 - Address any P over-application concerns and P application rate adjustments through P-index determination.
 - Land Application Summary – Summarize all the nutrients applied in each field through all soil amendment products.
- **Emergency Action Plan** – please ensure that phone numbers and email addresses for the product generator, registrant, product control contractor, and landowners and emergency spill prevention practices are listed on the Emergency Action Plan.
- **Records to be kept on file:** List all the records to be kept on file.
- **Maps**
 - Site 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
- **Attachments:**
 - Maps including
 - Site/Location
 - Field maps if not all fields can fit on the site 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.
 - Soil Amendment Test Results – within the last calendar year and should be the samples used to complete the application rates for each field application.

Registrant:

Reviewer:

Date: