

5. Manure application plans

- ✓ Crop types, realistic yield targets, and expected nutrient uptake amounts.
- ✓ Application equipment descriptions and methods of application.
- ✓ Expected application seasons and estimated days of application per season.
- ✓ Estimated application amounts per acre (volume in gallons or tons per acre, and pounds of plant available nitrogen, phosphorous as P_2O_5 , and potassium as K_2O per acre)
- ✓ Estimate of acres needed to apply manure generated on this site respecting any guidelines published for nitrogen or phosphorous soil loading limits.

6. Actual activity records

- ✓ Soil tests -- not more than 5 years old.
- ✓ Manure test annually for each individual manure storage containment.
- ✓ Planned and applied rates, methods of application, and timing (month and year) of nutrients applied. (Include all sources of nutrients – manure, commercial fertilizers, etc.)
- ✓ Current and/or planned crop rotation.
- ✓ Weather conditions during nutrient application (Optional)
- ✓ General soil moisture condition at time of application (i.e., saturated, wet, moist, dry) (Optional)
- ✓ Actual crop and yield harvest from manure application sites.
- ✓ Record of internal inspections for manure system components.
- ✓ Record of any spill events.

7. Mortality disposal

- ✓ Plan for mortality disposal.
- ✓ Methods and equipment used to implement the disposal plan.

8. Operation and Maintenance

- ✓ Detailed operation and maintenance procedures for the conservation system, holding facility, etc., contained in the NMP. This would include procedures such as calibration of land application equipment, storage facility emptying schedule, soil and manure sampling techniques, etc.