



Nutrient and Manure Management Plan Technical Review Check List

(used for open lots and new construction)

Date Received: _____

Facility ID No.: _____

Name of Facility/ Owner: _____ County: _____

Project Review Engineer: _____ FO MMP Reviewer: _____

(Leave box unchecked if not applicable or if more information is needed)

- ☐ 1. Signed and dated
- ☐ 2. County verification received if an MMP
- ☐ Public Notice received if an NMP
 - ☐ Comments from county and/or public considered
- ☐ 3. Compliance fee paid (If needed)
- ☐ 4. Filing fee paid (If needed)

- ☐ 5. Indemnity fee paid (If needed)
- ☐ 6. Date of MMP or NMP approval: _____
- ☐ 7. Date of MMP or NMP disapproval: _____
- ☐ 8. Date emailed to Review Engineer (if new construction): _____

Page 1: Total Animal Production

- ☐ New ☐ Expansion ☐ Update
- ☐ Animal Unit Capacity
- ☐ Does AUC of MMP = AUC of CP application?

Estimated Manure Production and Nutrient Concentration

- ☐ All values filled out
- ☐ Nitrogen Value
- ☐ Phosphorus Value
- ☐ Nutrient Source Content Appendix A / Book Value or is proven analysis being used?
 - ☐ If analysis is used, is lab sheet included?
 - ☐ Are manure samples less than 4 years old?

Page 2: Manure Application Rates

- ☐ All values filled out
 - ☐ Yields (methods of yield info)
- ☐ **Table 2:** N available the 1st year

Table 4: Projected N Application

Table 5: Calculations for rate based on phosphorus

- ☐ All values filled out, if needed?

Table 6

- ☐ Row 13 Planned Manure Application Rate

Page 3: MMP Summary

- ☐ Are there 4 Crop Year(s) (unless corn/corn)?
- ☐ All values filled out?
- ☐ Acres receiving manure Do total acres available match or exceed total acres required?
 - ☐ Are the fields listed in another MMP? Are there still enough acres available?
- ☐ Owned/rent/agreement
 - ☐ Are agreements attached?
- ☐ P index value
- ☐ Planned application rate equal or less than Row 13, Table 6?

- ☐ Correct Soils Test for P (Y/N).
 - ☐ If this is a new site or new owner, a full plan required next year - add action of Inadequate soil samples in the AFO database for tracking purposes.
 - ☐ If this is an updated plan, the plan is considered incomplete and an LNC should be issued.
 - ☐ Correct analytical method being used? Weak Bray not allowed if pH greater than 7.4.
- ☐ Total gallons/tons that could be applied
If the summary pages says zero or no for application, are there still enough acres available?

Attachments

- ☐ 200-A License for solid manure?
Expiration Date: _____
- ☐ Plat map showing location of facility
- ☐ RUSLE2 Profile Erosion Calculation Record for each field?
 - ☐ SSURGO soils being used?
 - ☐ Correct soils being used?
 - ☐ Soil yields correct?
 - ☐ Do crop rotations match the plan?
 - ☐ Is a terrace credit being taken? Appropriate?
 - ☐ Contouring credit being taken? Appropriate?
 - ☐ Does the operational table include manure application?
 - ☐ Is commercial listed in the operations table?
 - ☐ If so, is commercial listed in the MMP?
- ☐ NRCS P-Index Detailed Report for each field
 - ☐ Correct version being used?
 - ☐ Terrace credit used? Appropriate?
 - ☐ Buffer/Filter Factor used? Appropriate?
- ☐ Comments from county and/or public considered?

Supplemental Items for NMPs

- ☐ All values filled out?

Attach the NNP/MMP Review checklist in the FOCD with the work request or the review action type. Also, add the date reviewed and approved to the FOCD as a Desktop Action Type, close it out once the plan is approved.

Notes (missing information, necessary corrections, dates, etc.):