Iowa Department of Natural Resources
Environmental Services Division

AFO Facility Inspection Checklist

Date: _____

Facility Name: _____ ID # _____

MMP/NMP Review		**Yes**	**No**	**NA**
1.	Updates submitted on time in last five years?	☐	☐	☐
2.	Manure concentration/production correct (using both actual or table values)?	☐	☐	☐
3.	Using appropriate manure nitrogen availability (ISU or other credible sources)?	☐	☐	☐
4.	Commercial fertilizer applications accounted for?	☐	☐	☐
5.	Application rate calculations are correct?	☐	☐	☐
6.	Fields with P index >2.0 have planned application of less than 2X P removal rate?	☐	☐	☐
7.	MMP shows adequate acreage to apply manure?	☐	☐	☐
8.	Manure application agreements in place for all fields not owned or rented?	☐	☐	☐
9.	P index/RUSLE2 calculations appear to be correct?	☐	☐	☐
10.	P index Sediment Trap and Filter Factors, if credited are appropriate?	☐	☐	☐
11.	Are the application fields in another MMP?	☐	☐	☐
Records Review		**Yes**	**No**	**NA**
12.	5 years of records on site?	☐	☐	☐
13.	Rate calculation factors (yield, N credits, remaining N needed, N content & avail, max rate)?	☐	☐	☐
14.	Date & method of manure application, application rate, and location?	☐	☐	☐
15.	Manure test result used was less than 4 years old at time of application?	☐	☐	☐
16.	Manure applied at or below maximum allowed rate?	☐	☐	☐
17.	Commercial N & P records kept for fields receiving manure?	☐	☐	☐
18.	All fields that received manure are/were in MMP?	☐	☐	☐
19.	Statement of Intent for fields not owned or rented?	☐	☐	☐
20.	Manure always applied by certified applicator? (*not required for NMP*)	☐	☐	☐
21.	All soil samples are <4 years old?	☐	☐	☐
22.	1 sample/10 acres of field?	☐	☐	☐
23.	Correct soil test method & laboratory used?	☐	☐	☐
Site Inspection		**Yes**	**No**	**NA**
24.	All site separation distances appear to be met (wells, residences, designated areas, etc)?	☐	☐	☐
25.	Manure storage structure(s) free of excessive cracking or other defects?	☐	☐	☐
26.	Site free of indications of past manure discharges (dead grass, etc)?	☐	☐	☐
27.	Adequate freeboard maintained where required?	☐	☐	☐
28.	Pit fan transitions are appropriate design/installation?	☐	☐	☐
29.	Site has groundwater monitoring port/shutoff or surface outlet? (Required if permitted after May 1999; unpermitted sites after Sep 2010)	☐	☐	☐
30.	Mortality handling area runoff is adequately controlled to prevent process wastewater discharge? Method: ☐ Compost ☐ Incinerator ☐ Burial ☐ Rendering	☐	☐	☐
31.	Feed storage area runoff is adequately controlled to prevent process wastewater discharge	☐	☐	☐
32.	Manure stockpile areas comply with all siting and storage requirements?	☐	☐	☐
33.	Manure stockpile runoff is adequately controlled to prevent process wastewater discharge?	☐	☐	☐
Construction Permit (if applicable)		**Yes**	**No**	**N.A.**
34.	All conditions of construction permit are being met?	☐	☐	☐
35.	Authorization to use granted?	☐	☐	☐

Comments:

Specialist Name: _____ Date: _____

Onsite Contact: _____