



**IOWA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL SERVICES DIVISION**



**AFO Facility Inspection Checklist**

**Facility Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_ **Date:** \_\_\_\_\_

<b>MMP Review</b>		<b>Yes</b>	<b>No</b>	<b>N/A</b>
1.	MMP updates submitted on time in last five years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	MMP Page 1. Manure concentration/production correct (using both actual or table values)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	MMP Page 2. Using appropriate manure nitrogen availability (ISU or other credible sources)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	MMP Page 2. Commercial fertilizer applications accounted for?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	MMP Page 2. Application rate calculations are correct?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	MMP Page 2. Fields with P index >2.0 have planned application of less than 2X P removal rate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	MMP Page 3. MMP shows adequate acreage to apply manure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	MMP Page 3. Manure application agreements in place for all fields not owned or rented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	P index/RUSLE2 calculations appear to be correct?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	P index Sediment Trap and Filter Factors, if credited are appropriate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Are the application fields in another MMP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Records Review</b>		<b>Yes</b>	<b>No</b>	<b>N/A</b>
12.	5 years of records on site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	Rate calculation factors (yield, N credits, remaining N needed, N content & avail, max rate)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.	Date & method of manure application, application rate, and location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	Manure test result used was less than 4 years old at time of application?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Manure applied at or below maximum allowed rate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.	Commercial N & P records kept for fields receiving manure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.	All fields that received manure are/were in MMP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.	Statement of Intent for fields not owned or rented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20.	Manure always applied by certified applicator?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21.	All soil samples are <4 years old?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.	1 sample/10 acres of field?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23.	Correct soil test method & laboratory used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Site Inspection</b>		<b>Yes</b>	<b>No</b>	<b>N/A</b>
24.	All site separation distances appear to be met (wells, residences, designated areas, etc)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.	Manure storage structure(s) free of excessive cracking or other defects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26.	Site free of indications of past manure discharges (dead grass, etc)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27.	Adequate freeboard maintained where required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28.	Pit fan transitions are appropriate design/installation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29.	Site has groundwater monitoring port/shutoff or surface outlet? <i>(Required if permitted after May 1999; unpermitted sites after Sep 2010)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Mortalities</b>		<b>Yes</b>	<b>No</b>	<b>N/A</b>
30.	Temporary storage area for rendering creating no obvious water quality issues?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.	Compost facility meets minimum separation distances?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32.	Compost is on all-weather surface (concrete, asphalt, compacted granular, compacted soil)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33.	Compost operation meets requirements of Chapter 105 (no exposed carcasses, leachate, etc)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34.	Finished compost stored less than 18 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Construction Permit (if applicable)</b>		<b>Yes</b>	<b>No</b>	<b>N/A</b>
35.	All conditions of construction permit are being met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36.	Authorization to use granted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Comments**

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**SPECIALIST NAME** \_\_\_\_\_ **ON-SITE CONTACT** \_\_\_\_\_ **DATE** \_\_\_\_\_