



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

Feedlot NPDES/SDS Permitted Facility Inspection Checklist

NPDES/SDS Feedlot Program

National Pollutant Discharge Elimination System/
State Disposal System (NPDES/SDS)

Doc Type: Inspection

General Information

Name of facility: _____ Date of inspection (mm/dd/yyyy): _____

Facility address: _____

City: _____ State: _____ Zip code: _____

Phone: _____ Fax: _____ E-mail: _____

Owner/Operator: _____ Inspector Name: _____

Registration No: _____ Qtr: _____ Sect: _____ Twp: _____

County: _____ Parcel ID: _____

Others present: _____

Types of inspections (check all that apply): ☐ Facility compliance ☐ Land App II ☐ Land App III

A. Feedlot History (Date format: mm/dd/yyyy)

Date of most recent inspection: _____ Type of most recent inspection: _____

Date of most recent enforcement action: _____ Type of enforcement action: _____

Permit Issuance Date: _____ Permit Expiration Date: _____ Permit Type: _____

Date of most recent registration: _____

		Y	N	Notes:
A.1	Does a MinnFarm or FLEval exist for the feedlot?	<input type="checkbox"/>	<input type="checkbox"/>	
A.2	Is the feedlot located in a Drinking Water Supply Management area?	<input type="checkbox"/>	<input type="checkbox"/>	
A.3	Is the feedlot located in Shoreland?	<input type="checkbox"/>	<input type="checkbox"/>	
A.4	Enrolled in the Open Lot Agreement?	<input type="checkbox"/>	<input type="checkbox"/>	

B. Feedlot Components

Registered animal types and numbers: _____

Actual animal types and numbers on site: _____

Key

C	Compliance – At the time of the inspection, the facility and/or Permittee meets the requirements of the permit and applicable state and federal rules and regulations.
NC	Non-Compliance – At the time of the inspection, the facility and/or Permittee does not meet the requirements of the permit and applicable state and federal rules and regulations.
NA	Not Applicable – This condition is not present at this facility.
NI	Not Inspected – This condition was not inspected.
Y	Yes. Option applies to Review & Checklist Questions. This is not a statement of compliance.
N	No. Option applies to Review & Checklist Questions. This is not a statement of compliance.
Checklist question:	Checklist questions are used by the inspector to evaluate compliance with the requirements of the permit and applicable state and federal rules and regulations.
Inspection requirement:	Inspection requirements are statements that summarize the regulatory requirements of the permit and applicable state and federal rules and regulation for each major facility component for Permittees operating under the Minnesota National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit. Each section of the checklist evaluates a single component.

Section II: Inspection

	Checklist questions:	Y	N	NA	NI	Notes:
B.1	Animal numbers are at or below permitted numbers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B.2	Animal species and types are the same as current permit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B.3	Other components, e.g. barns, lots, LMSAs, are the same as current permit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement:	C	NC	NA	NI	
B.4.	Facility components match permitted components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	Animal Confinement Barn Operation & Maintenance					Notes:
	Checklist questions:	Y	N	NA	NI	
1.1	Are ventilation fans kept clean of built-up dust, feathers and other debris?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	Is any manure seepage from barns visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3	Is the clean water diverted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement:	C	NC	NA	NI	
1.4	Confinement barn(s) meet(s) zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Open Lot Operation & Maintenance					
	Checklist questions:	Y	N	NA	NI	Notes:
2.1	Are clean water diversions in place and operational?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.2	Is all manure-contaminated runoff contained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.3	Is the transfer system between open lot and storage structure operating properly and well maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2.4	Is the runoff contained in approved structure or system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement	C	NC	NA	NI	
2.5	Open lot(s) meet zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Feed Storage Area(s) Operation & Maintenance					
	Checklist questions:	Y	N	NA	NI	Notes:
3.1	Is feedstuff storage on an impermeable surface?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.2	Are feedstuffs kept covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.3	Is spoiled feedstuff removed or kept covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.4	Is there spilled feed outside of storage area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.5	For newly constructed or expanded feed storage area is runoff collected and transferred to an approved on-site LMSA or vegetated infiltration area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.6	If required, is all leachate contained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement:	C	NC	NA	NI	
3.7	Feed storage area meets zero discharge.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4	Process Wastewater(s) Handling System Operation & Maintenance					
	Checklist questions:	Y	N	NA	NI	Notes:
4.1	Is milk-house wastewater contained in an approved structure or system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.2	Is cooling water contained in approved structure or system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.3	Are on-site livestock truck-wash wastes contained in approved structure or system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.4	Are egg-wash wastes contained in approved structure or system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement:	C	NC	NA	NI	
4.5	Process wastewater handling meets zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5	Short-term Manure Stockpile Site Operation & Maintenance					
	Stockpile location checklist questions:	Y	N	NA	NI	Notes:
5.1	Is the required 50 feet horizontal and 300 feet flow distance to surface water met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.2	If a well is nearby, is it greater than or equal to 100 feet away if the well is cased or 200 feet if it is not cased?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.3	Is the stockpile located on slopes less than 6%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.4	At the stockpile site are saturated soils greater than 2 feet below the surface?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.5	At the stockpile site are at least some soils in top 5 feet verified sandy-loam or finer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.6	Are rock quarry(s), gravel or sand pit(s), bedrock, or any mining excavation site(s) used for the stockpile site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Stockpile technical checklist questions:	Y	N	NA	NI	
5.7	Does the manure in the stockpile stack with slopes of at least 3:1 or have at least 15% solids been confirmed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.8	Is the volume of stockpiled manure less than 320 acres based on N?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.9	Are clean water diversions in place and operational?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.10	Is all manure removed from the site within 1 year?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.11	Is vegetation re-established for 1 growing season prior to site re-use as a stockpile?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
5.12	Short-term stockpile location restrictions met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.13	Short-term stockpile site technical requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

6	Permanent Stockpile Site Operation & Maintenance					
	Checklist questions:	Y	N	NA	NI	Notes:
6.1	Is stockpile on an impervious pad?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.2	Are upslope clean water diversions present if slopes are greater than 2%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.3	Is runoff contained in an approved system or structure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.4	Is runoff containment maintained and operating properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.5	Is the stockpile located on slopes greater than or equal to 6%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.6	Does the manure in the stockpile stack with slopes of at least 3:1 or have at least 15% solids been confirmed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
6.7	Permanent stockpile site technical requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6.8	Solid manure storage meets zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

7	Manure Composting Operation & Maintenance					
	Checklist Questions:	Y	N	NA	NI	Notes:
7.1	Does the site meet all stockpiling requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2	Does the documented process meet requirements for pathogen reduction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
7.3	Manure composting requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.4	Manure compost site (if within footprint of facility) meets zero discharge standard.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

8	Earthen Basin Liquid Manure Storage (LMSA) with or without Synthetic Lining Requirements					
	Checklist questions:	Y	N	NA	NI	Notes:
8.1	Is a functional depth marker present and operational where structure collects precipitation or runoff from precipitation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.2	Is the full freeboard capacity available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.3	Has perimeter tile system monitoring been verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.4	Are existing clean water diversions maintained and functional?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.5	If any LMSA modifications are identified, were they done with prior approval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.6	Is only manure stored in LMSA unless prior approval was given and permit conditions allow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.7	Do you see evidence of severe damage to LMSA sidewalls (ruts or erosion rills approximately greater than or equal to 6 inches deep in the liner)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.8	Do you see evidence of deep-rooted vegetation or rodent activities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.9	If visible, is the splash guard appropriately maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.10	If visible, is the agitation pad appropriately maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.11	If covered, is the cover appropriately maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.12	If a synthetic liner is in use, are any tears, bubbles, or other signs of damage to the synthetic liner noted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.13	If the LMSA is not covered and is at or below grade, is the structure or the entire facility fenced?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
8.14	Earthen LMSA O&M requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8.15	Earthen LMSA meets zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

9	Concrete Liquid Manure Storage (LMSA) Requirements					
	Checklist questions:	Y	N	NA	NI	Notes:
9.1	Is a functional depth marker present and operational where structure collects precipitation or runoff from precipitation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.2	Is the full freeboard capacity available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.3	If a functional perimeter tile system is present, has it been verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.4	Are existing clean water diversions maintained and functional?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.5	If any LMSA modifications are identified, were they done with prior approval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.6	Is only manure stored in LMSA unless prior approval was given and permit conditions allow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.7	Are there cracks in the concrete that need repairing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.8	Is there concrete flaking or sloughing that needs repairing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.9	Is there exposed rebar that needs repairing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.10	Do you see evidence of deep-rooted vegetation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.11	Are all pumpouts covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.12	Are all pumpouts firmly attached to the pit walls?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

9	Concrete Liquid Manure Storage (LMSA) Requirements <i>Continued</i>					
	Checklist questions:	Y	N	NA	NI	Notes:
9.13	Is there a build-up of manure on the ground near pumpouts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.14	If the LMSA is not under a barn and has cover, is the cover maintained appropriately?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.15	If the LMSA is not under a barn and is not covered, is the structure or the entire facility fenced?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
9.16	Concrete LMSA O&M requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9.17	Concrete LMSA meets zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

10	Above-ground Liquid Manure Storage System (LMSA) Requirements					
	Checklist questions:	Y	N	NA	NI	Notes:
10.1	Is a functional depth marker present and operational where structure collects precipitation or runoff from precipitation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.2	Is the full freeboard capacity available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.3	Are existing clean water diversions maintained and functional?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.4	If any LMSA modifications are identified, were they done with prior approval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.5	Is only manure stored in LMSA unless prior approval was given and permit conditions allow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.6	Are any signs of seepage from the LMSA noted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.7	Is the transfer valve maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
10.8	Above-ground LMSA O&M requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10.9	Above-ground LMSA meets zero discharge standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

11	Technical Requirements for Poultry Barn Floor					Notes:
	Inspection Requirement:	C	NC	NA	NI	
11.1	Poultry barn floor maintenance requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

12	Carcass Management Requirements					
12.1	Checklist questions:	Y	N	NA	NI	Notes:
12.1.1	Is the Facility following their submitted Animal Mortality Plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.2	Rendering checklist items:	Y	N	NA	NI	
12.2.1	Is the carcass storage container animal-proof?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.2.2	Is the off-site carcass storage container at least 200' from the closest neighbor's buildings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.2.3	Are carcasses picked up within 72 hours?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3	Composting checklist items:	Y	N	NA	NI	
12.3.1	Is composting done on an impervious pad?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3.2	Is composting area discharging?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3.3	Exposed carcasses or carcass parts visible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.3.4	Is the composting process working correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4	Burial checklist items:	Y	N	NA	NI	
12.4.1	Are carcasses placed greater than 5' above saturated soils?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4.2	Are carcasses buried within shoreland zone?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4.3	Are carcasses covered with a minimum of three feet cover?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4.4	Are carcasses buried in coarse-textured soils?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.4.5	Are carcasses placed with at least 10' separation to bedrock?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.5	Incineration checklist items:	Y	N	NA	NI	
12.5.1	Does the incinerator include a functional afterburner?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

12	Carcass Management Requirements <i>Continued</i>					
12.1	Checklist questions:	Y	N	NA	NI	Notes:
12.5.2	Is the incinerator manufactured for this use and operated according to manufacturer's specifications? (Contact time met, 1200 degrees F, less than 20% opacity)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
12.6	Method of carcass management meets BAH & MPCA technical requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12.7	Dead animal disposal or storage containment meets the zero discharge standard if it lies within the footprint of the facility,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

13	Record-Keeping Requirements					
	Checklist questions:	Y	N	NA	NI	Notes:
13.1	Are the Level I manure application record-keeping requirements met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.2	Are the daily water line observation records kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.3	Are the weekly LMSA inspection records kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.4	In open-air systems, are the LMSA liquid level depth marker records kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.5	Where required, are the perimeter tile system observation records kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.6	Where required, are the storm water diversion structure observation records kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.7	Where required, are the records of runoff diversion observations kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.8	Where required, are the records of observation of devices channeling runoff kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.9	Where Permittee applies own manure, are records of manure application equipment inspection and maintenance kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.10	Are the records of actions taken to correct problems for items 13.2 through 13.9 kept?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.11	Are the record-keeping requirements of mortality disposal activities met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.12	Are the record-keeping requirements of LMSA overflows met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.13	Are the record-keeping requirements of stockpiling & manure composting activities met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13.14	Are the record-keeping requirements for poultry barn floor maintenance met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirement:	C	NC	NA	NI	
13.15	Record-keeping requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

14	Level II Land Application Inspection					
	MMP records and plans checklist questions:	Y	N	NA	NI	Notes:
14.1	Is the MMP for next year available for review?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.2	Are the soil phosphorus test (SPT) results less than or equal to four years old?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.3	Is manure analysis obtained annually?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.4	Do the records kept for transferred- ownership manure meet requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.5	Do the records kept for non-transferred-ownership manure meet requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.6	Are records available for all manure applications?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.7	Is emergency winter application of manure conducted only at sites with MPCA pre-approval?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

14	Level II Land Application Inspection <i>Continued</i>					
	Nitrogen management checklist questions:	Y	N	NA	NI	Notes:
14.8	Is the total available N less than or equal to limits in 7020 rules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.9	Is summer manure application (June – August) followed with a planted cover-crop?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.10	Is manure applied to sandy soils only after mid-October?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Phosphorus management checklist questions:	Y	N	NA	NI	
14.11	In special protection areas or within 300 feet of open tile intakes on soils over 21 ppm Bray or 16 Olsen, is P applied during the rotation (6 years) less than P removed? See worksheet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.12	In special protection areas or within 300 feet of open tile intakes is an approved P strategy followed for manure applied on soils greater than 75 ppm Bray or 60 Olsen?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.13	In special protection areas or within 300 feet of open tile intakes is manure incorporated within 24 hours?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.14	Approved P strategy is followed for manure applied on soils greater than 150 ppm Bray or 120 Olsen for land greater than 300 feet from sensitive features.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
14.15	MMP records & plans meet requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.16	Nitrogen management meets requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14.17	Phosphorus management meets requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

15	Level III Land Application Inspection					
	Facility where manure originated:	<input type="checkbox"/> Same as site inspection				
	Other (name):					
	Inspected during application	<input type="checkbox"/>	Inspected after application.			<input type="checkbox"/>
	Land application technical requirements checklist questions:	Y	N	NA	NI	Notes:
15.1	Is the method of application consistent with the approved MMP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.2	Is the manure spread in a uniform pattern?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.3	Is manure prevented from entering waters, tile intakes, sinkholes and wells during the application process?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.4	Is a surface application occurring when chances of ½ inches or more of rain are less than 50% within the next 24 hours?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.5	Is a cover crop planted in fields after receiving manure application during summer months (June – August)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.6	Is the manure applied into the road right-of-way?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.7	Manure application less than or equal to rates allowed by Minn. R. 7020.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Non-Frozen soils setback requirements checklist questions:	Y	N	NA	NI	
15.8	Is the 25 foot setback from sensitive features followed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.9	Is the 50 foot setback from sinkholes and wells followed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.10	Is the manure injected or incorporated within 24 hours on all land within 300 feet of sensitive features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Winter manure application requirements checklist questions:	Y	N	NA	NI	
15.11	Is the manure getting applied only to fields identified in the Permittee's MMP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.12	Is solid manure being applied to slopes greater than 6%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.13	Is liquid manure being applied to slopes greater than 2%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.14	Is manure application occurring during times of high snowmelt potential?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.15	Is the application meeting the 300 foot setback to sensitive feature(s)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Inspection requirements:	C	NC	NA	NI	
15.16	Land application technical requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.17	Non-frozen Soils setback requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15.18	Winter application requirements met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

16	Additional individual permit requirements:					
	Checklist questions:	Y	N	NA	NI	Notes:
16.1	If site is operating under an individual permit, all additional permit conditions are met?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	Other and emerging issues (Do not track in Delta)					
19.1	Any additional county requirements?					
19.2	Agitation and Pumpout Notification for Exemption					
19.3	Have they identified potential release points to surface water at the site and along transportation route for manure application?					
19.4	Do employees receive regular training on emergency procedures?					
19.5	Secondary carcass management plan available?					
19.6	Program updates					
20	Printed materials distribution (Do not track in Delta)					
		Requested	Delivered	Mailed		
20.1	Copy of Minn. R. 7020	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.2	'Applying Manure in Sensitive Areas' booklet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.3	Transferred manure Record-keeping pad	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.4	Record-keeping form for greater than 300 AU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.5	Field Records Booklet (MES)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.6	Manure Application Rate Guide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.7	Carcass Disposal Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.8	Catastrophic Loss Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.9	LMSA Maintenance Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.10	LMSA Closure Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.11	Silage Management Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.12	Well setback MDH Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.13	ISTS/SSTS Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.14	Burn Barrel Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.15	Solid/Hazardous Waste Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.16	Truck Wash Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.17	Stormwater Control Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.18	Sharps Disposal Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.19	Water Appropriation Permit Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.20	"Pasture vs Feedlot"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.21	Winter Grazing Factsheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
20.22	Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		