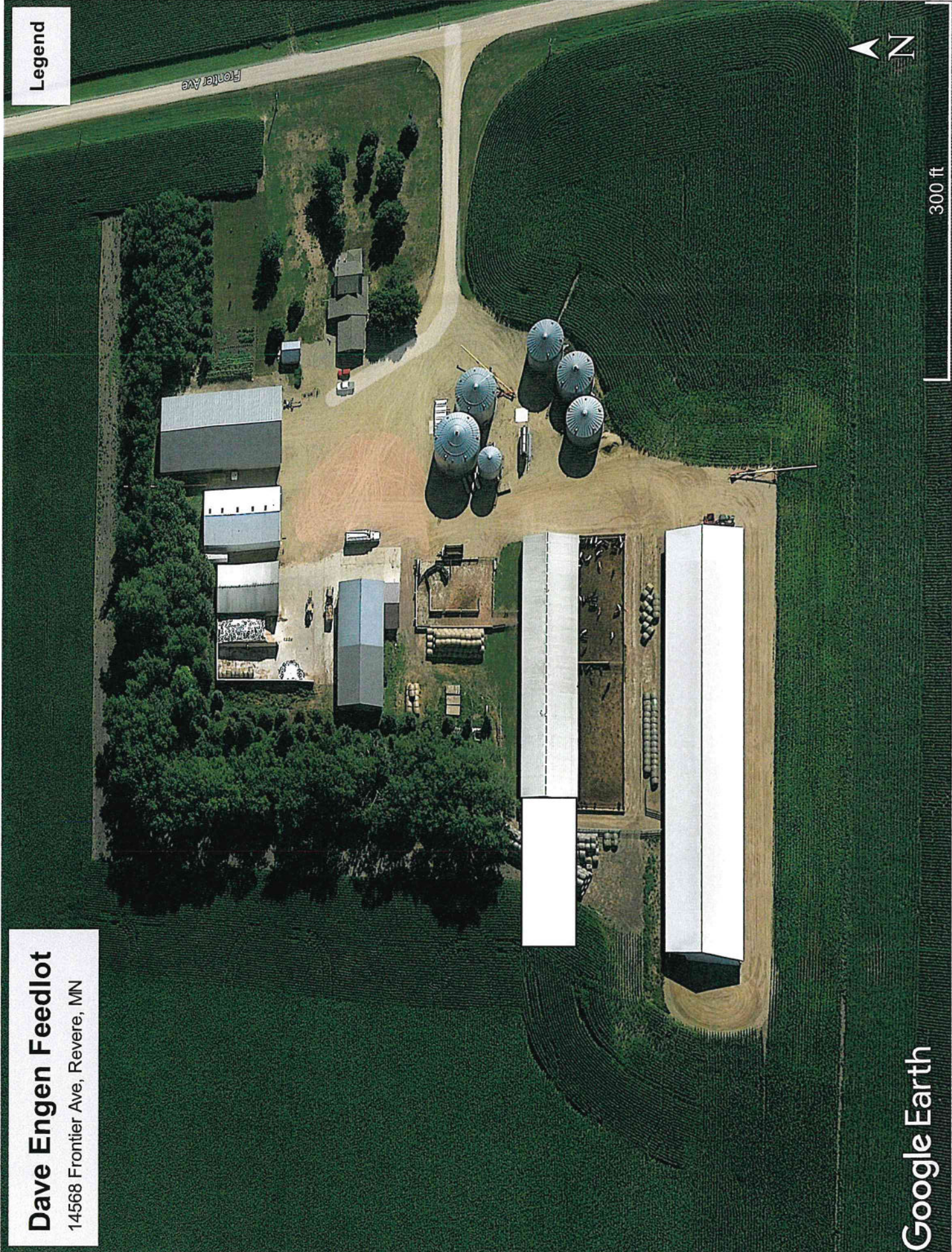


Dave Engen Feedlot
14568 Frontier Ave, Revere, MN

Legend

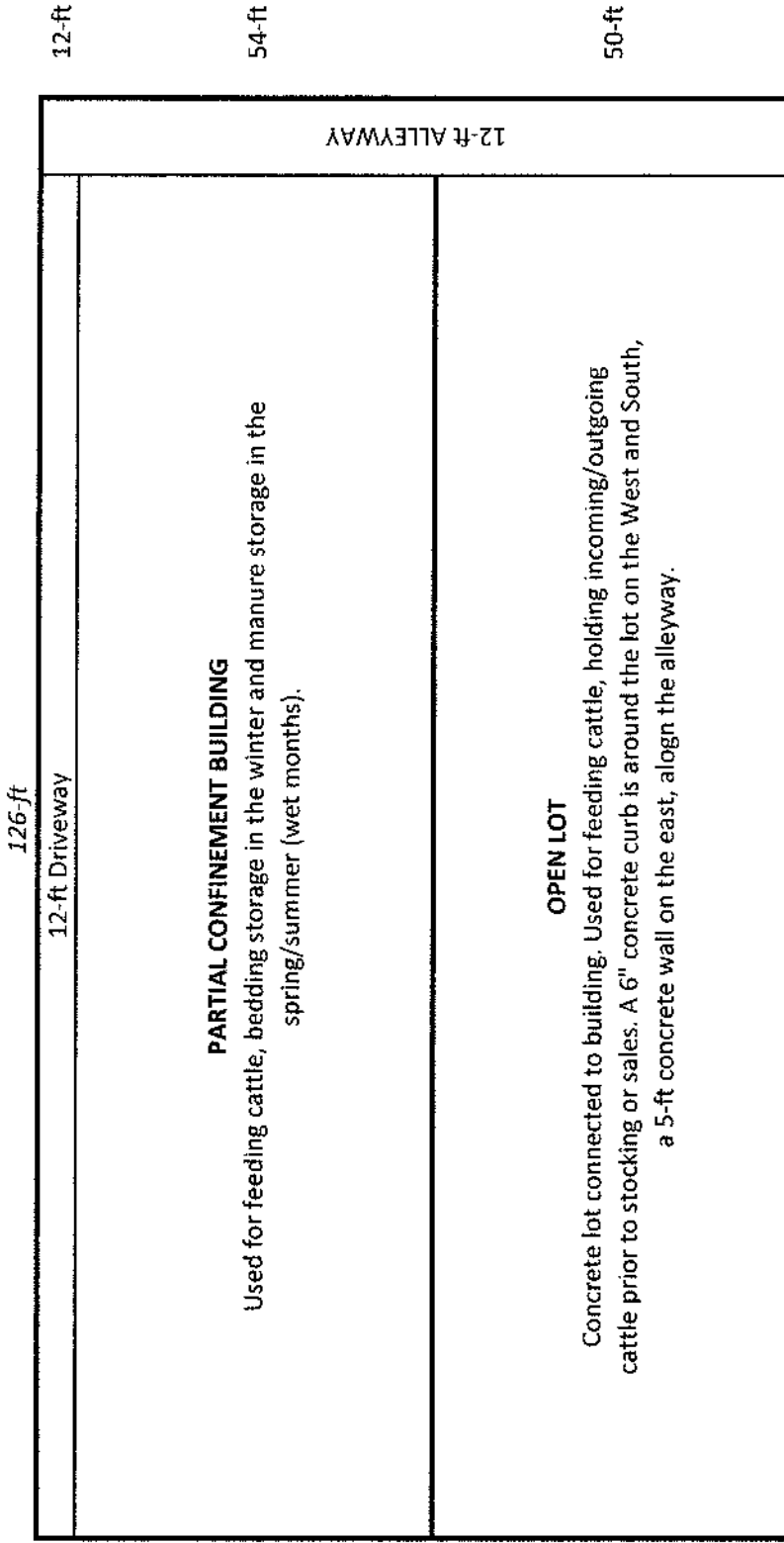


300 ft

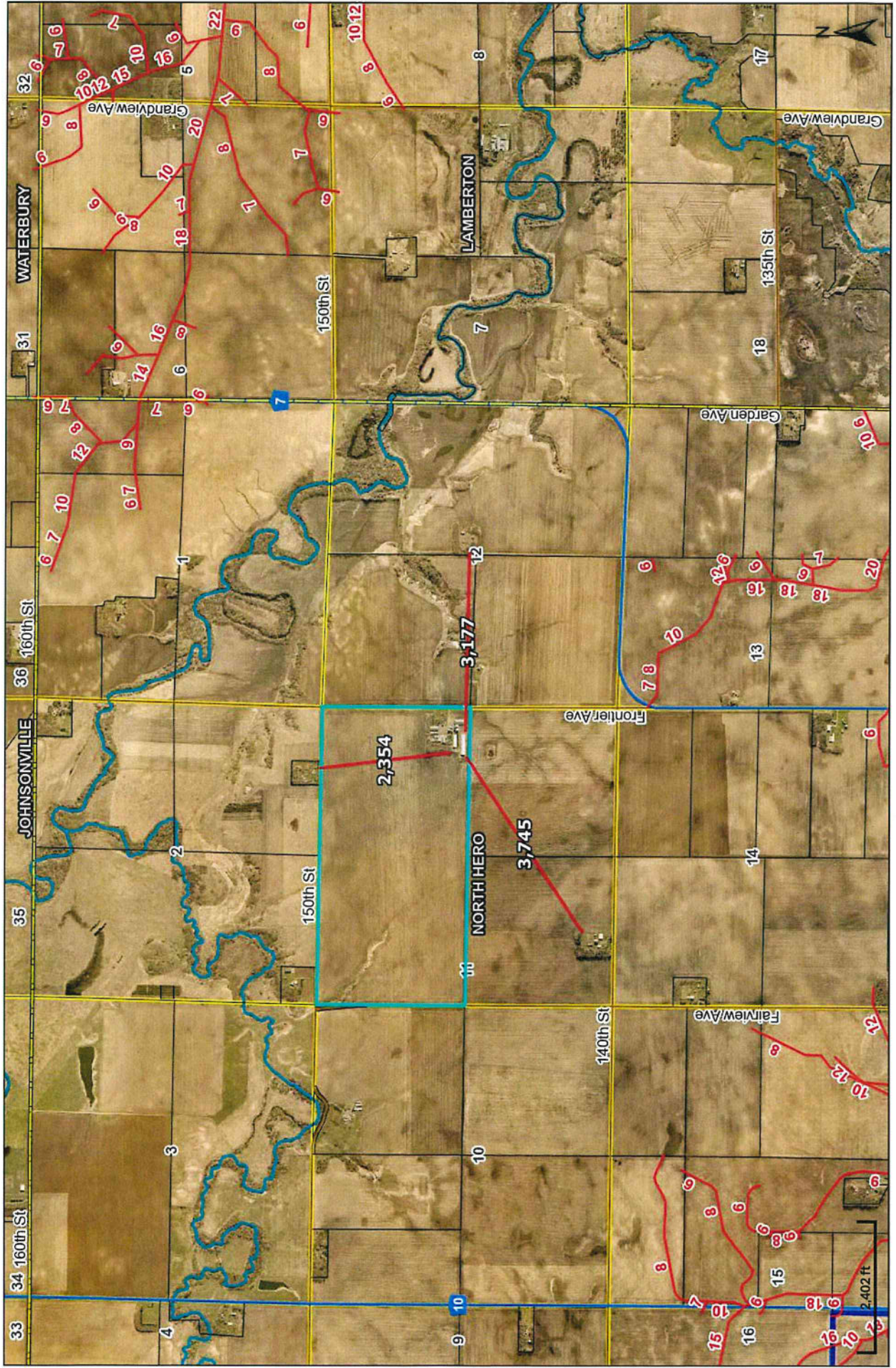
Google Earth

DAVID ENGEN FEEDLOT
Proposed Building

5/14/2025



Engen Neighborhood





Marshall Office | 504 Fairgrounds Road | Suite 200 | Marshall, MN 56258-1688 | 507-537-7146
800-657-3864 | Use your preferred relay service | info.pca@state.mn.us | Equal Opportunity Employer

May 13, 2025

VIA EMAIL

Clint Engen
David Engen Farm
14568 Frontier Ave
Revere, MN 56166-4705

RE: MPCA Feedlots Compliance Evaluation
David Engen Farm, Revere, Redwood County

Dear Clint Engen:

On May 7, 2025, the Minnesota Pollution Control Agency (MPCA) completed a Compliance Evaluation of David Engen Farm, located in Revere, Redwood County. Please refer to the attached Feedlot Inspection Checklist for additional information. No requirements were found to be noncompliant at the time of the compliance evaluation.

If you have any questions about the Feedlot Inspection Checklist or additional information that addresses any noncompliant requirement, please contact Jason Kaare at 507-735-8584, jason.kaare@state.mn.us, or at the address listed above.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads 'Jason Kaare' in a cursive script.

This document has been electronically signed.

Jason Kaare
Environmental Specialist
Watershed Division

JK:lf

Attachment

cc: Nick Brozek, Redwood County (electronic) (w/attachment)
Activity ID INS20250001 @ 61156

Instructions: Use this form to evaluate a feedlot's compliance with Minnesota feedlot rules, statutes, and permit conditions. A list of acronyms is included within the key of this checklist.

Facility information

Facility name: David Engen Farm Registration number: _____
 The feedlot is Ag Water Quality Certified. AI ID number: _____
 Address: 14568 Frontier Ave County ID number: _____
 City: Revere State: MN Zip: 56166
 County: Redwood Township: _____ Section: _____ Qtr: _____
 Parcel ID no: _____
 Owner name: David Engen Operator: Clint Engen
 Primary phone: 507-531-0279 Secondary phone: _____ Email: clintengen1@hotmail.com

- A MinnFarm or FLEval exists for the feedlot. Yes No
 The feedlot is located in a Drinking Water Supply Management Area. Yes No
 The feedlot is located in shoreland. Yes No
 The feedlot is enrolled in the Open Lot Agreement. Yes No
 The site meets or exceeds the large CAFO threshold or 1,000 animal units Yes* No

Note: You must also include the maximum capacity of any other commonly owned feedlots adjacent to or within ¼ mile of this feedlot when making this determination. (see MPCA Multi-site policy)

* If Yes, MPCA staff must conduct inspections and permitting

Recent activity

Date of most recent registration: 2025
 Most recent inspection: Compliance Land app Other Date: 2021 Result: Compliant Non-compliant
 Current permit type: NPDES SDS CSF Interim Expiration date: _____
 Most recent enforcement type: LOW NOV APO STIP AO Issuance date: _____

Current inspection information

Inspector name: Jason Kaare Inspection date: 5/7/2025 Time: 10:00
 Others present: Clint Engen, Brian Hetchler
 Types of inspection(s): Facility compliance (includes N) include optional P review in the compliance inspection
 (check all that apply) Desktop N & P records review In field land application Stockpile only

Animal types	Registered number	On-site number	Notes
Beef – slaughter steer or stock cow	640	640	888.5 Animal Units
Beef – feeder cattle (stocker or backgrounding) or heifer	355	355	

1. Expansion and stocking requirements

Notes:

Checklist questions		C	NC	NA	NI
1.1.	Facility registration is current (date within previous 4-year block). (7020.0350 Subp. 4.)	✓			
1.2.	Animal units and animal species, (types and numbers) matches the most recent registration or authorization (i.e. permit, notice of construction, change of ownership, termination) AND animal holding areas and manure storage areas match the most recent permit, Notice of Construction or Expansion, MinnFarm or inspection. (7020.0405, subp. 2. & 5., 7020.2000 Subp. 5.)	✓			
Inspection requirement		C	NC	NA	NI
1.4.	Construction or expansion requirements are met. (7020.0405, subp. 2. & 5., 7020.0350 subp 4, 7020.2000 Subp. 5., NPDES/SDS Parts 5.6.1.2. & 11.)	✓			

2. Animal confinement barn(s)

Notes:

Checklist questions		C	NC	NA	NI
2.1.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that manure seepage from barn(s) reaches waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., Specific to NPDES/SDS 7020.2003, subp. 2.)	✓			
2.2.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that manure seepage from barn(s) could impact ground water. (7020.2003, subp. 1., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2.)	✓			
Inspection requirement		C	NC	NA	NI
2.3.	Confinement barn discharge requirements are met. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2., NPDES or SDS permit)	✓			

The site is proposing an addition onto the north barn/open lot. The inspection was done to discuss options and stocking densities for the proposed changes.

3. Open lot(s)

Notes:

Checklist questions		C	NC	NA	NI
3.1.	Animals do not have access to a lake classified by the Minnesota Department of Natural Resources (DNR). (7020.2015, subp. 2, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2.)	✓			
3.2.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that open lot runoff reaches waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., Specific to NPDES/SDS 7020.2003, subp. 2.)	✓			
3.3.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that open lot runoff could impact ground water. (7020.2003, subp. 1., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2.)	✓			
Inspection requirement		C	NC	NA	NI
3.5.	Open lot discharge requirements are met. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2., NPDES or SDS permit)	✓			

The open lots have concrete curbs in place to prevent runoff from occurring.

Additional considerations:

- Where runoff controls/treatment (i.e. clean water diversions, solid setting areas, vegetative buffers) were part of the original permit approval for the site or necessary for open lot compliance, are runoff controls/treatment operational and being maintained (O&M)?
- If the site is non-compliant, is the Owner currently signed up for cost share? [3/6/09 Memorandum of Understanding (MOU)-MPCA, Minnesota Department of Agriculture (MDA), Board of Water and Soil Resources (BWSR)]

4. Feed storage area(s)

Notes:

Checklist questions		C	NC	NA	NI
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4.1.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that feed storage area runoff reaches waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., Specific to NPDES/SDS 7020.2003, subp. 2.)	✓			
4.2.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that the feed storage area could impact ground water. (7020.2003, subp. 1., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2.)	✓			
	<i>Inspection requirement</i>	C	NC	NA	NI
4.6.	Feed storage area discharge requirements are met. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2., NPDES or SDS permit)	✓			
Additional considerations:					
<ul style="list-style-type: none"> If the site stores 1,000 tons or more of sweet corn silage stored on site at any one time and does not have an NPDES or SDS permit, the site should be referred to MPCA staff. 					

5. Process wastewater handling system(s)

(milk house wastewater / egg wash / truck wash)

6. Short-term manure stockpile site(s)

Notes:

<i>Technical checklist questions</i>	C	NC	NA	NI	
6.1. The required location prohibitions for short-term manure stockpiles are met (shoreland, flood plain, sinkhole and wells). (7020.2005 Subp. 1, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2)				✓	Stockpiles are located in fields away from the farm location. They were not inspected at this time.
6.2. The required 50' horizontal and 300' flow distance to surface water and road ditches are met. (7020.2125 Subp 2. C.)				✓	
6.3. The nearest well is at least 100' away if the well is cased, or at least 200' if it is not cased. [7020.2125 Subp 2. C. (4)]				✓	
6.4. The short-term manure stockpile is located on slopes less than 6%. [7020.2125 Subp 2. E. (1)]				✓	
6.5. There is at least a 2' separation between the short-term manure stockpile and the seasonal high water table. (7020.2125 Subp 2. D.)				✓	
6.6. Soils at the short-term stockpile site are sandy loam or finer in the top 5'. [7020.2125 Subp 2. E. (3)]				✓	
6.7. Rock quarry(s), gravel or sand pit(s), bedrock, or any mining excavation site(s) are not used for the short-term manure stockpile site. (7020.2125 Subp 1. C.)				✓	
6.8. The manure in the short-term stockpile can be stacked with slopes of at least 3:1 and contains at least 15% solids. (7020.2125 Subp 1. B.)				✓	
6.9. The volume of short-term stockpiled manure is less than 320 acres based on N. (7020.2125 Subp 1. D.)				✓	
6.10. Clean water diversions are in place and operational on short-term manure stockpile sites with a slope of 2-6%. [7020.2125 Subp 2. E. (2)]				✓	
6.11. All manure is removed from the short-term stockpile site within 1 year. (7020.2125 Subp 2. A.)				✓	
6.12. Vegetation is re-established for 1 growing season prior to site re-use as a short-term stockpile site. (7020.2125 Subp 2. B.)				✓	
6.13. Records for short-term manure stockpiles are maintained and kept on file for the recent 3 year period. (7020.2125 Subp 3.)				✓	
<i>Technical inspection requirement</i>	C	NC	NA	NI	
6.14. Short-term stockpile site technical requirements are met.				✓	

	(7020.2125, subp. 1, 2 & 3)					
	<i>Discharge checklist questions</i>	C	NC	NA	NI	
6.15.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that runoff from the short-term stockpile reaches waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., Specific to NPDES/SDS 7020.2003, subp. 2.)					✓
6.16.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that the short-term stockpile could impact ground water. (7020.2003, subp. 1., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2.)					✓
	<i>Discharge inspection requirement</i>	C	NC	NA	NI	
6.17.	Short-term stockpile site(s) discharge requirements are met. (7020.2003, subp. 1. & 3., 7050.0210, subp. 2. & 13., 7060.0600, subp. 2., NPDES or SDS permit)					✓

7. Permanent manure stockpile site(s)

8. Manure compost site(s)

9. Liquid manure storage area(s) (LMSA)

Notes:

<i>Checklist questions (LMSA permitting, certification, or approval)</i>		C	NC	NA	NI
9.1.	All LMSA(s) at the site have been permitted, previously certified or previously approved. (7020.0405, 7020.2110 Subp. 4. & 5., 7020.2100 Subp. 4., 7020.2000 Subp. 5.)	✓			
For any LMSA(s) that are not permitted, previously certified, or previously approved; - Unpermitted / unapproved LMSA(s) constructed BEFORE 10-23-2000 must obtain an approval to continue to operate the LMSA (see 7020.2110 Subp. 5.). - Unpermitted / unapproved LMSA(s) constructed AFTER 10-23-2000 are NOT ALLOWED (see 7020.2110 Subp. 4. & 5.). <i>Require Corrective Actions (closure or submittal of information identified in 7020.2110 Subp. 5.) when an LMSA is</i>					
	<i>Inspection requirement</i>	C	NC	NA	NI
9.2.	LMSA permitting, certification or approval requirements are met. (7020.0405, 7020.2110 Subp. 4. & 5., 7020.2100 Subp. 4., 7020.2000 Subp. 5.)	✓			
	<i>Checklist questions (all LMSA technical requirements)</i>	C	NC	NA	NI
9.3.	Design Freeboard capacity is maintained. (7020.2100 Subp. 4. D.)	✓			
9.4.	For LMSA(s) where a modification is identified: The modification to the LMSA(s) was approved before the modification was made. (7020.2100 Subp. 4., 7020.0405)			✓	
9.5.	Unless otherwise approved, only manure and process wastewater is stored in the LMSA. (7020.0205 I.)	✓			
9.6.	For LMSA(s) NOT under a barn: There is a perimeter fence, or berms/sidewalls at least 5' tall. (7020.0205 I.)			✓	
9.7.	For LMSA(s) with a cover: the cover of the LMSA is properly maintained. (7020.2100 Subp. 7.)			✓	
9.9.	The earthen LMSA is being operated and maintained properly and in accordance with the design plans. Examples of common issues are below: - Damage to LMSA sidewalls (ruts or erosion rills greater than or equal to 6" deep in the liner) - Liner slumping or sloughing - Damage to agitation pad(s) and/or splash guard(s) - Deep-rooted vegetation or rodent activities in or near the LMSA. - Perimeter tile system (if present) appears to be in need of repair. (7020.2100 Subp. 7.)			✓	
9.10.	The synthetic (plastic) LMSA is being operated and maintained properly and in accordance with the design plans.				

	Examples of common issues are below. - tears, bubbles, or other signs of damage to the synthetic liner - gas venting system (if present) appears to be in disrepair - deep-rooted vegetation or rodent activities in or near the LMSA. - Perimeter tile system (if present) appears to be in need of repair. (7020.2100 Subp. 7.)				✓	
9.11.	The concrete LMSA is being operated and maintained properly and in accordance with the design plans. Examples of common issues are below. - Cracks, exposed rebar or other defects in that concrete needing repair - Pumpouts are not firmly attached to the pit walls and covered. - deep-rooted vegetation or rodent activities in or near the LMSA. - Perimeter tile system (if present) appears to be in need of repair. (7020.2100 Subp. 7.)	✓				
9.12.	The above ground LMSA ("slurry store") is being operated and maintained properly and in accordance with the design plans. Examples of common issues are below. - Manure transfer valve or backflow prevention devices appear to need maintenance. - Separation of concrete base from wall panels (7020.2100 Subp. 7.)				✓	
	<i>Technical inspection requirement</i>	C	NC	NA	NI	
9.13.	LMSA technical requirements are met. (7020.2100, 7020.0405, 7020.0205, NPDES or SDS permit)	✓				
	<i>Discharge checklist questions</i>	C	NC	NA	NI	
9.14.	There is evidence of manure contaminated water in the perimeter tile (where perimeter tile is present). (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.4)	✓				
9.15.	There is evidence of an overflow or a discharge from the LMSA(s). (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓				
9.16.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that the overflow/discharge from the LMSA(s) reached waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓				
9.17.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that the overflow/discharge from the LMSA could impact ground water. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓				
	<i>Discharge inspection requirement</i>	C	NC	NA	NI	
9.18.	LMSA discharge requirements are met. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓				

10. Poultry barn floor(s)

11. Mortality management

Notes:

<i>Technical checklist questions</i>		Y	N	NA	NI
11.1.	For sites that have a mortality box: The mortality box is scavenger proof.			✓	
11.2.	For sites that render mortalities: All mortalities are picked up within 72 hrs.	✓			
11.3.	For sites that are composting mortalities: Mortalities are completely covered by compost material (no exposed mortalities allowed)			✓	
11.4.	For sites that bury animal mortalities: - Mortalities are buried at least 5' above the seasonal high water table. - Soil type restrictions for burial are met (no coarse-textured soils).			✓	
11.5.	For sites that incinerate animal mortalities: There is an afterburner on the stack of the primary incineration unit?			✓	
If the answer to any of questions 11.1 through 11.5 was "No", Refer to Board of Animal Health					

<i>Discharge checklist questions</i>		C	NC	NA	NI
11.6.	There is evidence (e.g., inadequate buffer, steep slopes, channels, matted or dead vegetation, clean water run-on, stormwater flow) that process wastewater from the mortality management area reached surface waters of the state or tile intakes, sinkholes, fractured bedrock, well, mine or quarry. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓			
11.7.	There is evidence (e.g., ponding, coarse-textured soils, depth to water table) that process wastewater from the animal mortality management area could impact ground water. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓			
<i>Discharge inspection requirement</i>		C	NC	NA	NI
11.8.	Mortality management area discharge requirements are met. (7020.2003, subp. 1 & 3, 7050.0210, subp. 2 & 13, 7060.0600, subp. 2, CAFO/1000 AU specific - 7020.2003, subp. 2., NPDES/SDS Part 10.2.)	✓			

12. Nitrogen - manure testing requirements

(Include as part of all compliance inspections for sites with 100 AU or more)

Notes:

<i>Checklist questions</i>		C	NC	NA	NI
12.1.	Manure analyses within the last 4 years (Not required if 100 AU or less contribute to manure storage) (7020.2225 Subp. 5. B. (3), 7020.2225 Subp. 2. C.)	✓			
12.3.	Total production of manure is reasonable for facility size (7020.2225 Subp. 4. C. & D., 7020.2225 Subp. 5. B. (7), NPDES/SDS Part 2.3.1. a.)	✓			
<i>Inspection requirement</i>		C	NC	NA	NI
12.4.	Manure testing requirements are met. (7020.2225 Subp. 5. B. (3), 7020.2225 Subp. 2., NPDES/SDS Part 4.1.)	✓			

13. Nitrogen - transferred manure ownership land application requirements

(Include for sites with 300 AU or more when some manure ownership is transferred)

14. Nitrogen - non-transferred manure ownership land application requirements

(Include for sites with 100 AU or more when some manure ownership is retained)

Notes:

<i>Checklist questions</i>		C	NC	NA	NI
14.1.	Field IDs, Acres for each field and Crop history (7020.2225 Subp. 5. B. (1), NPDES/SDS Part 4.5.)	✓			
14.2.	Application method and rate applied per acre (7020.2225 Subp. 5. B. (2), NPDES/SDS Part 4.5.)	✓			
14.3.	Date(s) of manure application (7020.2225 Subp. 5. B. (4), NPDES/SDS Part 4.5.)	✓			
14.4.	Plant-available N per acre from commercial fertilizer and manure (including carry-over) (7020.2225 Subp. 5. B. (6), NPDES/SDS Part 4.5.)	✓			
<i>Inspection requirement</i>		C	NC	NA	NI
14.5.	Adequate retained manure land application records are being kept. (7020.2225 Subp. 5., NPDES/SDS Parts 4.5. & 9.1.6.2.)	✓			
14.6.	Nitrogen applied at agronomic rates (total available N is not more than recommended for crop grown - evaluated with worksheet to verify). (7020.2225 Subp. 3. A., NPDES/SDS Parts 4.5. & 4.5.6.)	✓			
14.7.	If winter application or broadcast with incorporation after 24 hrs, 300 ft setback observed for sensitive features and tile intakes (ask producer). (7020.2225 Subp. 3. B., 7020.2225 Subp. 6., 7020.2225 Subp. 7., 7020.2225 Subp. 8., NPDES/SDS Parts 4.5. & 4.5.11 & 4.5.12.)	✓			

15. Phosphorus - land application requirements

(Optional - sites with 300 AU or more when some manure ownership is retained)

- 16. In-field land application inspection
- 17. Animal feedlot and manure storage area closure
- 18. Permit requirements
- 19. Summary of environmental upgrades
- 20. Key

C	Compliance – At the time of the inspection, the feedlot and/or owner meet the requirements of applicable state rules and statutes or permit conditions.
NC	Non-Compliance – At the time of the inspection, the feedlot and/or owner do not meet the requirements of applicable state rules and statutes or permit conditions.
NA	Not Applicable – The condition is not present at this feedlot.
NI	Not Inspected – The condition was not inspected.
Y	Yes – Does not indicate compliance or non-compliance.
N	No – Does not indicate compliance or non-compliance.
Checklist question	Checklist questions are used by the inspector to evaluate feedlot conditions.
Inspection requirement	Inspection requirements are statements that summarize the regulatory requirements of applicable state rules and statutes or permit conditions

Acronyms (used throughout the checklist)

AO	Administrative Order	MPCA	Minnesota Pollution Control Agency
APO	Administrative Penalty Order	N	Nitrogen
AU	Animal Unit	NPDES	National Pollutant Discharge Elimination System
CAFO	Concentrated Animal Feeding Operation	NOV	Notice of Violation
CSF	Construction Short Form	P	Phosphorus
LOW	Letter of Warning	SDS	State Disposal System
OLA	Open Lot Agreement	STIP	Stipulation agreement