

US EPA ARCHIVE DOCUMENT



Minnesota Pollution Control Agency
 520 Lafayette Road
 St. Paul, MN 55155-4194

Response Form

Feedlot Environmental Results Project

Facility Information

Facility name: _____ Owner's name: _____

Mailing Address: _____ Phone: _____

City: _____ State: _____ ZIP _____

E-mail address: _____ Fax: _____

Contact name (if different from Owner): _____ Phone: _____

E-mail address: _____ Fax: _____

County name: _____ Township name: _____ Section: _____ Qtr. Sec. _____

MPCA registration number: _____ 911 address number (fire number): _____

Please transfer your responses from your Self-Assessment Workbook. Place an X in the appropriate box. Keep your Workbook for future reference as to previous-year responses.

Self- Assessment Part 1: Livestock Facility Management

Farm description

1.1 Calculating animal units (AU) - Please fill in your animal types, numbers, and AUs.

Animal type	Maximum head	AU factor		AU
Dairy Cattle				
Mature cow (whether milked or dry) over 1,000 pounds		X 1.4	=	
Mature cow (whether milked or dry) under 1,000 pounds		X 1.0	=	
Heifer / Bull (7 months to 24 months old)		X 0.7	=	
Calf (0 months to 6 months old)		X 0.2	=	
Beef Cattle				
Slaughter steer or stock cow		X 1.0	=	
Feeder cattle (stocker or backgrounding) or heifer		X 0.7	=	
Cow and calf pair		X 1.2	=	
Calf		X 0.2	=	
Swine				
Nursery pigs (under 55 pounds when they leave the barn)		X .05	=	
Wean-to-finish (over 55 and less than 300 pounds)		X 0.3	=	
Breeding stock (over 300 pounds)		X 0.4	=	
Other				
(Calculate units by dividing weight by 1000)		÷ 1000	=	
Total AUs at facility				=

Transfer the total AUs to page 2 of your Workbook.

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Farm description continued

- 1.2 Are there any surface waters within 1,000 feet of the facility? Yes No
- 1.3 If yes, check which types of surface water:
 Lake River/Stream Wetland Drainage ditch Tile intake Other
- 1.4 If you checked river/stream or ditch, are they within 300 feet of the facility? Yes No

Open lot runoff

- 1.5 Do you see evidence of manure runoff leaving the lots? Yes No
- 1.6 Prevent runoff from the Open Lot from reaching the road ditch? Yes No/NC
- 1.7 Prevent all runoff from the Open Lot from reaching other surface waters? Yes No/NC
- 1.8 Prevent all runoff from the Open Lot from reaching a surface tile intake? Yes No/NC
- 1.9 Prevent all runoff from reaching any sinkhole, well, mine or quarry? Yes No/NC
- 1.10 Does runoff from the feedlot pass through a VTA? Yes No
- 1.11 Does the VTA prevent discharge to surface waters? Yes No/NC NA



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

Corrective actions: <i>Please indicate if one action addresses more than one issue</i>	Date to be completed

Milkhouse waste

- 1.12 Using a septic system designed specifically to treat milkhouse waste? Yes No
- 1.13 Do you keep all milkhouse waste from reaching the road ditch? Yes No/NC
- 1.14 Do you keep all milkhouse waste from reaching other surface waters? Yes No/NC
- 1.15 Do you keep all milkhouse waste from reaching a surface tile intake? Yes No/NC
- 1.16 Is milkhouse waste totally absorbed into a VTA without discharge? Yes No/NC
- 1.17 Does your milkhouse waste flow into a storage basin? Yes No



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Liquid Manure Storage Areas (LMSA)

- 1.18 Do you have a LMSA? Yes No
- 1.19 Did you receive technical assistance when your LMSA was constructed? Yes No
- 1.20 Do you have records documenting construction of your LMSA? Yes No
- 1.21 Do you have a permit documenting approval of your LMSA? Yes No
- 1.22 Is your LMSA approved? Yes No/NC

Liquid Manure Storage Areas (LMSA) (continued)

- 1.23 Do you operate the LMSA without it ever overflowing? Yes No/NC
- 1.24 Do you keep the liquid at least one-foot down from the top of the berm? Yes No
- 1.25 Do you keep deep-rooted vegetation away from the LMSA? Yes No
- 1.26 Do you conduct regular visual examination of your LMSA? Yes No



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Manure stockpiles

- 1.27 Does all clean water flow around your stockpile site? Yes No
- 1.28 Do you keep all stockpile manure-contaminated runoff away from water? Yes No/NC
- 1.29 Is the stockpile at least 15% solids or have a 3:1 horizontal – vertical ratio? Yes No/NC
- 1.30 Do you use a short-term stockpile? Yes No
- 1.31 Is your short-term stockpile revegetated for a year prior to reuse? Yes No/NC
- 1.32 Is your short-term stockpile located on a slope of less than six percent? Yes No/NC
- 1.33 Is your short-term stockpile the proper distances from surface water? Yes No/NC
- 1.34 Do you use a permanent stockpile? If no, skip to 1.36. Yes No
- 1.35 Does the stockpile sit on an impervious pad? Yes No/NC
- 1.36 Is your record-keeping current? Yes No/NC
- 1.37 Are records of the stockpiling activity kept for at least three years? Yes No/NC



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Management of feedstock

- 1.38 Is leachate from feed storage kept from reaching surface water? Yes No/NC



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Corrective actions: <i>Indicate if one action addresses more than one issue.</i>	Date to be completed

Mortality management

- 1.39 Do you use rendering? (Yes – Answer questions 1.43-1.44) Yes No
- 1.40 Do you compost mortality? (Yes – Answer questions 1.45-1.48) Yes No
- 1.41 Do you bury mortality? (Yes – Answer questions 1.49-1.53) Yes No
- 1.42 Do you burn mortality? (Yes – Answer question 1.54) Yes No

Rendering: Skip these questions if you don't use rendering.

- 1.43 Are the carcasses removed within 72 hours? Yes No/NC
- 1.44 Is your offsite carcass-storage structure scavenger-proof? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Composting: Skip these questions if you don't compost carcasses.

- 1.45 Do ALL liquids stay in the compost bin? Yes No/NC
- 1.46 Is the composting done on an impervious pad? Yes No/NC
- 1.47 Do you run two 7-10 day cycles where the temperatures are 130+ degrees? Yes No/NC
- 1.48 Do you have a finished product that is free of animal tissue? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Burying: Skip these questions if you don't bury carcasses.

- 1.49 Do you stay 5 feet or more above the seasonal high water table? Yes No/NC
- 1.50 Do you stay away from surface waters? Yes No/NC
- 1.51 Do you cover carcasses over immediately with at least 3 feet of soil? Yes No/NC
- 1.52 Do you avoid burying carcasses in areas of sandy or gravelly soils? Yes No/NC
- 1.53 Do you maintain 10 vertical feet between dead animals and bedrock? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Incineration: Skip this question if you don't incinerate carcasses.

1.54 Do you stay 5 feet or more above the seasonal high water table? Yes No/NC



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Self- Assessment Part 2: Farmland and Nutrient Management

Acreage

- 2.1 How many acres do you farm? _____
- 2.2 How many of these acres have manure applied? _____
- 2.3 Identified all sensitive features in or near your land application area? Yes No
- 2.4 Are all manure applications further than 25 feet from any surface water? Yes No/NC
- 2.5 Within 300 feet of water is all manure incorporated within 24 hours? Yes No/NC
- 2.6 Are all manure applications further than 50 feet from a sensitive feature? Yes No/NC
- 2.7 In winter, is all manure applied further than 300 feet from a sensitive area? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

Corrective actions: <i>Indicate if one action addresses more than one issue.</i>	Date to be completed

Nutrient management

- 2.8 Do you follow the basic nutrient management guidelines? Yes No
- 2.9 Do you know the UM Extension recommendations? Yes No
- 2.10 If you are required to have a current Manure Management Plan, do you? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Manure handling

- 2.11 Are all manure spills on a public roadway promptly cleaned up? Yes No/NC
- 2.12 Do you have an emergency response plan in case of a manure spill? Yes No



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

Corrective actions: <i>Indicate if one action addresses more than one issue.</i>	Date to be completed

If your facility is smaller than 100 AU, skip to Part 3, Farmstead Management. Otherwise, continue with 2.13.

- 2.13 Any manure storage that stores manure of 100 AU or more? Yes No
- 2.14 If so, do you get that manure tested at least once every four years? Yes No/NC
- 2.15 Do you soil test? Yes No
- 2.16 If your manure storage holds the manure of less than 100 AU, do you test Yes No
- 2.17 Do you keep records of your manure applications? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

Corrective actions: <i>Indicate if one action addresses more than one issue.</i>	Date to be completed

If your facility is smaller than 300 AU, skip to Part 3, Farmstead Management. Otherwise, continue with 2.18.

- 2.18 Is soil P testing done at least once every 4 years where applying manure? Yes No/NC
- 2.19 Approved strategy for applying manure to high P soil within 300' of water? Yes No/NC
- 2.20 If applying manure to extremely high P soil, do you have a permit? Yes No/NC
- 2.21 Are you testing the manure in all new storage each year for the first 3 years? Yes No/NC
- 2.22 Is testing of all manure storage structures current within four years? Yes No/NC
- 2.23 Keep records of manure applications and management for at least 3 years? Yes No/NC
- 2.24 Records of applications, management for 6 years next to sensitive features? Yes No/NC



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Self- Assessment Part 3: Farmstead Management

Solid waste

- 3.1 Is all your trash handled through recycling and/or solid waste pick-up? Yes No
- 3.2 Do you dispose of plastics without burning them? Yes No/NC in listed counties
- 3.3 Do you recycle plastics? Yes No
- 3.4 Do you get rid of treated wood without burning it? Yes No/NC
- 3.5 Do you get rid of old tires without burning them? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Hazardous waste

- 3.6 Unused paints, thinners, stains and solvents to an approved disposal site? Yes No
- 3.7 Do you dispose of all used antifreeze at an approved disposal site? Yes No
- 3.8 Do you dispose of all used oil by one of the three approved methods? Yes No
- 3.9 Do you take old batteries to an approved disposal site? Yes No
- 3.10 Do you recycle all high-intensity discharge (HID) lamps? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Wells

- 3.11 Are all wells cased above flood-level and properly grouted and capped? Yes No/NC
- 3.12 Are wells located upslope of or protected from pollutant sources upslope? Yes No/NC
- 3.13 Installed anti-backflow devices on all faucets with hose connections? Yes No/NC
- 3.14 Are all unused wells properly sealed, abandoned and documented? Yes No/NC



For this subsection, if there were any NCs or if you need more information to determine compliance, provide -

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Septic systems

- 3.15 Completely disconnected from any pipe discharge or ag drainage system? Yes No/NC
- 3.16 Replaced open or cracked tanks or corrected surfacing or back up? Yes No/NC
- 3.17 Is the system drainfield in well drained (i.e., dry) soil or a mound system? Yes No/NC
- 3.18 Was the system installed after 1980? Yes No/NC* *likely NC, but depends on local regulation



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Pesticides

- 3.19 Do you hire a licensed applicator to apply restricted-use pesticides? Yes No
- 3.20 Do you keep records of all restricted-use pesticide applications? Yes No/NC
- 3.21 Do you store restricted-use pesticides in their original containers? Yes No/NC
- 3.22 Triple-wash/recycle pesticide containers OR dispose as recommended? Yes No/NC



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Underground storage tanks

- 3.23 Do you have any underground fuel tanks greater than 1100 gallons in size? Yes No
- 3.24 If yes, are they coated and monitored? Yes No/NC



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Miscellaneous

- 3.25 Can you store used ag-bags for periodic transport to a collection center? Yes No
- 3.26 Do you haul and land-apply manure for hire? Yes No
- 3.27 If yes to 3.26, do you have a commercial animal waste technician license? Yes No/NC
- 3.28 Aware of BMPs reducing pathogens at 3 points in manure management? Yes No
- 3.29 Know where to find out if a watershed study is in progress in your area? Yes No



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Corrective actions: <i>Indicate if one action addresses more than one issue.</i>	Date to be completed

Project Evaluation

The final version and format of this workbook is still being considered. Your feedback will help us improve it. Please take the time to give us some additional comments.

4.1 Were there any questions that you did not understand? If so, please list the question number and explain why.

- Q.# _____ Why? _____
- Q.# _____ Why? _____
- Q.# _____ Why? _____
- Q.# _____ Why? _____

4.2 Was any of the additional information provided difficult to understand? If so, please list the question and explain why.

- Q.# _____ Why? _____
- Q.# _____ Why? _____
- Q.# _____ Why? _____
- Q.# _____ Why? _____

4.3 Is listing additional information on the same page as the question useful? Yes No

Comments:

4.4 Would you prefer we provide the additional information in the back of the workbook? Yes No

Comments:



Minnesota Pollution Control Agency

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St. Paul, MN 55155-4194

Response Form

Feedlot Environmental Results Program

Certification Statement

"By my signature below, I represent that I have the authority to execute this certification on behalf of the owners of this facility.

I certify under penalty of law that this document and all attachments were prepared under my direct supervision to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Source of Signatory Authority:

If a Sole Proprietorship:

Proprietor

If a Partnership

General Partner

If a Corporation

President

Secretary

Treasurer

Vice President (if authorized by corporate vote)

Representative of the above(if authorized by corporate vote and if responsible for overall operation of the facility)

NOTE: Before signing this statement, make sure all required Return to Compliance Plans are complete.

Print Authorized Representative's Name: _____ Signature: _____

Title: _____ Date: _____

For more information, contact Project Coordinators:

Kate Brigman at 507-389-1775 or kate.brigman@pca.state.mn.us

Paul Brietzke at 507-280-3587 or paul.brietzke@pca.state.mn.us

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Control Agency

520 Lafayette Road
St. Paul, MN 55155-4194

Response Form

Feedlot Environmental Results Program

Fact Sheet Order

Please send me the following documents:

- Revised Rules at a Glance [August 2000]
- Applying Manure in Sensitive Areas
- Mini-MMP (Manure Management Plan) [wq-f8-03]
- Fertilizing Corn in Minnesota [UMES FO-3790-C Revised 2006]
- Record Keeping Form for Livestock Sites < 300 AU [wq-f6-03 & wq-f6-04]
- Field Record for Minnesota Farms [UMES 2007]
- Livestock Carcass Disposal fact sheet [wq-f6-07b 01/08]
- Burn Barrel fact sheet [www.pca.state.mn.us/burnbarrel]
- Milkhouse Wastewater Treatment Demonstration Project Overview [M1205 01/08]
- Individual Sewage Treatment System Maintenance [wq-wwists4.140 01/01]
- Wellhead Protection fact sheet – Protecting Your Well [IC# 141-0155 6/18/07R]

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