



# 2024

## Feedlot Inspection Records

NPDES and SDS permitted sites

wq-f5-21

## **MPCA Feedlot Program**

<https://www.pca.state.mn.us/feedlots>

### **Staff Contacts** (as of 12-1-2023)

#### **Rochester**

- Paul Brietzke 507-206-2616  
Nutrient management lead staff
- Peter Kuisle 507-424-9132
- Chelsea Habberstad 507-226-3898

#### **Mankato**

- Mark Gernes 507-344-5260  
Permitting lead staff
- Dave Malakowsky 507-461-3168
- Rebecca Novey 507-995-2623

#### **Marshall**

- Josh Kircher 507-476-3375
- Jason Kaare 507-735-8584
- Nick Timmerman 507-476-4286
- Dana Leibfried 507-421-7648

#### **Detroit Lakes**

- Taylor Hosszu 218-849-7359

#### **Brainerd**

- Rhonda Adkins 218-821-9727
- Courtney Frank 218-232-9709

#### **Engineers**

- George Schwint 320-894-5866  
Principal engineer
- Toby Sunderland 320-212-1910
- Brian Hetchler 612-283-6303

#### **Manager**

- Randy Hukriede 320-295-2227

#### **Supervisors**

- Steve Schmidt (East) 507-206-2618
- Lisa Scheirer (West) 218-846-8122

#### **Compliance Coordinator**

- Brent Riess 507-476-4268

#### **Data Coordinator**

- Sara Gernes 507-344-5263

## **Summary of Required Inspections**

The following visual inspections are required to assess compliance with the permit and approved plans and specifications.

1. **Daily** visual inspection of water lines (NPDES only)
2. **Weekly** visual inspection of ALL permitted components
  - Animal holding areas
  - Manure storage areas (liquid and solid)
  - Feed storage areas
  - Mortality handling areas
  - Vegetative treatment/infiltration areas
  - Manure/contaminated runoff handling/transfer systems
3. **Weekly** visual inspection of the LMSA freeboard marker
4. **Monthly** visual inspection of the LMSA perimeter drain tile
5. **Periodic** visual inspections of land application equipment

Correct any issues within 30 days

Keep records of the inspections for at least 6 years

## **Important info about NPDES and SDS permits**

### **When a permit modification is required**

- Construction/Expansion of animal holding capacity
- Construction/Expansion of manure storage capacity
- Construction/Expansion of outdoor feed storage capacity (even if covered by plastic)
- Addition of a new land application field to the MMP
- Change of ownership or name

For more info about permit modifications see the fact sheet: [Feedlot Permit Modifications](#)

### **How to apply for a permit or permit modification**

Applications are only accepted via the online permit application service available at: <https://webapp.pca.state.mn.us/services/login/>.

Applications received via email or the postal service will be automatically returned.

### **Annual permit fees**

Both NPDES and SDS permits have an annual fee of \$345.

You are billed in February or March for the previous year's permit coverage.

### **Annual reports**

Both NPDES and SDS permits require submittal of an annual report by March 1 each year.

The required form is found at: <https://www.pca.state.mn.us/sites/default/files/wq-f3-22b.docx>

Records of land application activities must be included with the annual report.



2024

January

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<p><b><u>Reminder</u></b> 2023 annual report due March 1</p>	<p><b>1</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect LMSA perimeter tile</li> </ul>	<p><b>2</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect all permitted components</li> <li><input type="checkbox"/> LMSA freeboard inspection</li> </ul>	<p><b>3</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>4</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>5</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>6</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	
<p><b>7</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>8</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>9</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect all permitted components</li> <li><input type="checkbox"/> LMSA freeboard inspection</li> </ul>	<p><b>10</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>11</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>12</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>13</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	
<p><b>14</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>15</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>16</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect all permitted components</li> <li><input type="checkbox"/> LMSA freeboard inspection</li> </ul>	<p><b>17</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>18</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>19</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>20</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	
<p><b>21</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>22</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>23</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect all permitted components</li> <li><input type="checkbox"/> LMSA freeboard inspection</li> </ul>	<p><b>24</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>25</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>26</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>27</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	
<p><b>28</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>29</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<p><b>30</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> <li><input type="checkbox"/> Inspect all permitted components</li> <li><input type="checkbox"/> LMSA freeboard inspection</li> </ul>	<p><b>31</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect water line</li> </ul>	<ul style="list-style-type: none"> <li>✓ Liquid manure application prohibited</li> <li>✓ Solid manure application restricted (see permit for details)</li> <li>✓ Obtain manure application records.</li> <li>✓ Obtain soils test analysis.</li> <li>✓ Obtain manure test analysis.</li> </ul> <p>Note: Water line inspections optional for SDS permitted sites. Equivalent water meter or pressure gauge check is allowed alternative.</p>			

2024

February

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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- ✓ Liquid manure application prohibited
- ✓ Solid manure application restricted (see permit for details)

**Reminder**  
**2023 annual report due March 1!**

- 1**
- Inspect water line
  - Inspect LMSA perimeter tile

- 2**
- Inspect water line

- 3**
- Inspect water line

- 4**
- Inspect water line

- 5**
- Inspect water line

- 6**
- Inspect water line
  - Inspect all permitted components
  - LMSA freeboard inspection

- 7**
- Inspect water line

- 8**
- Inspect water line

- 9**
- Inspect water line

- 10**
- Inspect water line

- 11**
- Inspect water line

- 12**
- Inspect water line

- 13**
- Inspect water line
  - Inspect all permitted components
  - LMSA freeboard inspection

- 14**
- Inspect water line

- 15**
- Inspect water line

- 16**
- Inspect water line

- 17**
- Inspect water line

- 18**
- Inspect water line

- 19**
- Inspect water line

- 20**
- Inspect water line
  - Inspect all permitted components
  - LMSA freeboard inspection

- 21**
- Inspect water line

- 22**
- Inspect water line

- 23**
- Inspect water line

- 24**
- Inspect water line

- 25**
- Inspect water line

- 26**
- Inspect water line

- 27**
- Inspect water line
  - Inspect all permitted components
  - LMSA freeboard inspection

- 28**
- Inspect water line

- 29**
- Inspect water line

Note: Water line inspections optional for SDS permitted sites.  
 Equivalent water meter or pressure gauge check is allowed alternative.

2024

March

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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✓ Liquid manure application prohibited\*

✓ Solid manure application

- Prohibited\* at NPDES sites
- Restricted at SDS sites (see permit for details)

\* When fields are frozen or snow-covered

**1**

Inspect water line

**Annual Report Due!**

**2**

Inspect water line

Inspect LMSA perimeter tile

**3**

Inspect water line

**4**

Inspect water line

**5**

Inspect water line

Inspect all permitted components

LMSA freeboard inspection

**6**

Inspect water line

**7**

Inspect water line

**8**

Inspect water line

**9**

Inspect water line

**10**

Inspect water line

**11**

Inspect water line

**12**

Inspect water line

Inspect all permitted components

LMSA freeboard inspection

**13**

Inspect water line

**14**

Inspect water line

**15**

Inspect water line

**16**

Inspect water line

**17**

Inspect water line

**18**

Inspect water line

**19**

Inspect water line

Inspect all permitted components

LMSA freeboard inspection

**20**

Inspect water line

**21**

Inspect water line

**22**

Inspect water line

**23**

Inspect water line

**24**

Inspect water line

**25**

Inspect water line

**26**

Inspect water line

Inspect all permitted components

LMSA freeboard inspection

**27**

Inspect water line

**28**

Inspect water line

**29**

Inspect water line

**30**

Inspect water line

**31**

Inspect water line

Note: Water line inspections optional for SDS permitted sites. Equivalent water meter or pressure gauge check is allowed alternative.

2024

April

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>1</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect LMSA perimeter tile	<b>2</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>3</b> <input type="checkbox"/> Inspect water line	<b>4</b> <input type="checkbox"/> Inspect water line	<b>5</b> <input type="checkbox"/> Inspect water line	<b>6</b> <input type="checkbox"/> Inspect water line
<b>7</b> <input type="checkbox"/> Inspect water line	<b>8</b> <input type="checkbox"/> Inspect water line	<b>9</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>10</b> <input type="checkbox"/> Inspect water line	<b>11</b> <input type="checkbox"/> Inspect water line	<b>12</b> <input type="checkbox"/> Inspect water line	<b>13</b> <input type="checkbox"/> Inspect water line
<b>14</b> <input type="checkbox"/> Inspect water line	<b>15</b> <input type="checkbox"/> Inspect water line	<b>16</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>17</b> <input type="checkbox"/> Inspect water line	<b>18</b> <input type="checkbox"/> Inspect water line	<b>19</b> <input type="checkbox"/> Inspect water line	<b>20</b> <input type="checkbox"/> Inspect water line
<b>21</b> <input type="checkbox"/> Inspect water line	<b>22</b> <input type="checkbox"/> Inspect water line	<b>23</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>24</b> <input type="checkbox"/> Inspect water line	<b>25</b> <input type="checkbox"/> Inspect water line	<b>26</b> <input type="checkbox"/> Inspect water line	<b>27</b> <input type="checkbox"/> Inspect water line
<b>28</b> <input type="checkbox"/> Inspect water line	<b>29</b> <input type="checkbox"/> Inspect water line	<b>30</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<ul style="list-style-type: none"> <li>✓ Review Manure Management Plan, sensitive areas protection, and P management.</li> <li>✓ Determine rates of manure to apply per field/acre from each manure source.</li> <li>✓ Calibrate manure spreader, check equipment.</li> <li>✓ Land apply manure according to MMP and setbacks from waters.</li> </ul> <p style="text-align: right; font-size: small;">Note: Water line inspections optional for SDS permitted sites. Equivalent water meter or pressure gauge check is allowed alternative.</p>			

# 2024

# May

# 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			<b>1</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect LMSA perimeter tile	<b>2</b> <input type="checkbox"/> Inspect water line	<b>3</b> <input type="checkbox"/> Inspect water line	<b>4</b> <input type="checkbox"/> Inspect water line
<b>5</b> <input type="checkbox"/> Inspect water line	<b>6</b> <input type="checkbox"/> Inspect water line	<b>7</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>8</b> <input type="checkbox"/> Inspect water line	<b>9</b> <input type="checkbox"/> Inspect water line	<b>10</b> <input type="checkbox"/> Inspect water line	<b>11</b> <input type="checkbox"/> Inspect water line
<b>12</b> <input type="checkbox"/> Inspect water line	<b>13</b> <input type="checkbox"/> Inspect water line	<b>14</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>15</b> <input type="checkbox"/> Inspect water line	<b>16</b> <input type="checkbox"/> Inspect water line	<b>17</b> <input type="checkbox"/> Inspect water line	<b>18</b> <input type="checkbox"/> Inspect water line
<b>19</b> <input type="checkbox"/> Inspect water line	<b>20</b> <input type="checkbox"/> Inspect water line	<b>21</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>22</b> <input type="checkbox"/> Inspect water line	<b>23</b> <input type="checkbox"/> Inspect water line	<b>24</b> <input type="checkbox"/> Inspect water line	<b>25</b> <input type="checkbox"/> Inspect water line
<b>26</b> <input type="checkbox"/> Inspect water line	<b>27</b> <input type="checkbox"/> Inspect water line	<b>28</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>29</b> <input type="checkbox"/> Inspect water line	<b>30</b> <input type="checkbox"/> Inspect water line	<b>31</b> <input type="checkbox"/> Inspect water line	

Note: Water line inspections optional for SDS permitted sites.  
 Equivalent water meter or pressure gauge check is allowed alternative.

# 2024

# June

# 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>✓ Cover crop required for manure application to harvested fields</p>						<p><b>1</b>  <input type="checkbox"/> Inspect water line  <input type="checkbox"/> Inspect LMSA perimeter tile</p>
<p><b>2</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>3</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>4</b>  <input type="checkbox"/> Inspect water line  <input type="checkbox"/> Inspect all permitted components  <input type="checkbox"/> LMSA freeboard inspection</p>	<p><b>5</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>6</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>7</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>8</b>  <input type="checkbox"/> Inspect water line</p>
<p><b>9</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>10</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>11</b>  <input type="checkbox"/> Inspect water line  <input type="checkbox"/> Inspect all permitted components  <input type="checkbox"/> LMSA freeboard inspection</p>	<p><b>12</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>13</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>14</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>15</b>  <input type="checkbox"/> Inspect water line</p>
<p><b>16</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>17</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>18</b>  <input type="checkbox"/> Inspect water line  <input type="checkbox"/> Inspect all permitted components  <input type="checkbox"/> LMSA freeboard inspection</p>	<p><b>19</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>20</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>21</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>22</b>  <input type="checkbox"/> Inspect water line</p>
<p><b>23</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>24</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>25</b>  <input type="checkbox"/> Inspect water line  <input type="checkbox"/> Inspect all permitted components  <input type="checkbox"/> LMSA freeboard inspection</p>	<p><b>26</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>27</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>28</b>  <input type="checkbox"/> Inspect water line</p>	<p><b>29</b>  <input type="checkbox"/> Inspect water line</p>
<p><b>30</b>  <input type="checkbox"/> Inspect water line</p>	<p>Note: Water line inspections optional for SDS permitted sites.            Equivalent water meter or pressure gauge check is allowed alternative.</p>					



2024

July

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>1</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect LMSA perimeter tile	<b>2</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>3</b> <input type="checkbox"/> Inspect water line	<b>4</b> <input type="checkbox"/> Inspect water line	<b>5</b> <input type="checkbox"/> Inspect water line	<b>6</b> <input type="checkbox"/> Inspect water line
<b>7</b> <input type="checkbox"/> Inspect water line	<b>8</b> <input type="checkbox"/> Inspect water line	<b>9</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>10</b> <input type="checkbox"/> Inspect water line	<b>11</b> <input type="checkbox"/> Inspect water line	<b>12</b> <input type="checkbox"/> Inspect water line	<b>13</b> <input type="checkbox"/> Inspect water line
<b>14</b> <input type="checkbox"/> Inspect water line	<b>15</b> <input type="checkbox"/> Inspect water line	<b>16</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>17</b> <input type="checkbox"/> Inspect water line	<b>18</b> <input type="checkbox"/> Inspect water line	<b>19</b> <input type="checkbox"/> Inspect water line	<b>20</b> <input type="checkbox"/> Inspect water line
<b>21</b> <input type="checkbox"/> Inspect water line	<b>22</b> <input type="checkbox"/> Inspect water line	<b>23</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>24</b> <input type="checkbox"/> Inspect water line	<b>25</b> <input type="checkbox"/> Inspect water line	<b>26</b> <input type="checkbox"/> Inspect water line	<b>27</b> <input type="checkbox"/> Inspect water line
<b>28</b> <input type="checkbox"/> Inspect water line	<b>29</b> <input type="checkbox"/> Inspect water line	<b>30</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>31</b> <input type="checkbox"/> Inspect water line	<p>✓ Cover crop required for manure application to harvested fields</p> <p>Note: Water line inspections optional for SDS permitted sites. Equivalent water meter or pressure gauge check is allowed alternative.</p>		

2024

August

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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✓ Cover crop required for manure application to harvested fields.

✓ Update MMP for fall and spring applications.

✓ Determine rates of manure to apply per field/acre and from each manure source.

✓ Submit MMP modifications for new acreage.

**1**

- Inspect water line
- Inspect LMSA perimeter tile

**2**

- Inspect water line

**3**

- Inspect water line

**4**

- Inspect water line

**5**

- Inspect water line

**6**

- Inspect water line
- Inspect all permitted components
- LMSA freeboard inspection

**7**

- Inspect water line

**8**

- Inspect water line

**9**

- Inspect water line

**10**

- Inspect water line

**11**

- Inspect water line

**12**

- Inspect water line

**13**

- Inspect water line
- Inspect all permitted components
- LMSA freeboard inspection

**14**

- Inspect water line

**15**

- Inspect water line

**16**

- Inspect water line

**17**

- Inspect water line

**18**

- Inspect water line

**19**

- Inspect water line

**20**

- Inspect water line
- Inspect all permitted components
- LMSA freeboard inspection

**21**

- Inspect water line

**22**

- Inspect water line

**23**

- Inspect water line

**24**

- Inspect water line

**25**

- Inspect water line

**26**

- Inspect water line

**27**

- Inspect water line
- Inspect all permitted components
- LMSA freeboard inspection

**28**

- Inspect water line

**29**

- Inspect water line

**30**

- Inspect water line

**31**

- Inspect water line

Note: Water line inspections optional for SDS permitted sites.  
Equivalent water meter or pressure gauge check is allowed alternative.

2024

# September

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>1</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect LMSA perimeter tile	<b>2</b> <input type="checkbox"/> Inspect water line	<b>3</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>4</b> <input type="checkbox"/> Inspect water line	<b>5</b> <input type="checkbox"/> Inspect water line	<b>6</b> <input type="checkbox"/> Inspect water line	<b>7</b> <input type="checkbox"/> Inspect water line
<b>8</b> <input type="checkbox"/> Inspect water line	<b>9</b> <input type="checkbox"/> Inspect water line	<b>10</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>11</b> <input type="checkbox"/> Inspect water line	<b>12</b> <input type="checkbox"/> Inspect water line	<b>13</b> <input type="checkbox"/> Inspect water line	<b>14</b> <input type="checkbox"/> Inspect water line
<b>15</b> <input type="checkbox"/> Inspect water line	<b>16</b> <input type="checkbox"/> Inspect water line	<b>17</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>18</b> <input type="checkbox"/> Inspect water line	<b>19</b> <input type="checkbox"/> Inspect water line	<b>20</b> <input type="checkbox"/> Inspect water line	<b>21</b> <input type="checkbox"/> Inspect water line
<b>22</b> <input type="checkbox"/> Inspect water line	<b>23</b> <input type="checkbox"/> Inspect water line	<b>24</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>25</b> <input type="checkbox"/> Inspect water line	<b>26</b> <input type="checkbox"/> Inspect water line	<b>27</b> <input type="checkbox"/> Inspect water line	<b>28</b> <input type="checkbox"/> Inspect water line
<b>29</b> <input type="checkbox"/> Inspect water line	<b>30</b> <input type="checkbox"/> Inspect water line	<b>✓ Cover crops required for NPDES permitted sites when manure is applied to harvested fields</b> <ul style="list-style-type: none"> <li>Cover crops are encouraged for all applications in September</li> </ul>				

Note: Water line inspections optional for SDS permitted sites.  
 Equivalent water meter or pressure gauge check is allowed alternative.

2024

October

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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*Nitrogen BMPs are encouraged for all manure applications prior to October 15*

**1**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**2**  
 Inspect water line  
 Inspect LMSA perimeter tile

**3**  
 Inspect water line

**4**  
 Inspect water line

**5**  
 Inspect water line

**6**  
 Inspect water line

**7**  
 Inspect water line

**8**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**9**  
 Inspect water line

**10**  
 Inspect water line

**11**  
 Inspect water line

**12**  
 Inspect water line

**13**  
 Inspect water line

**14**  
 Inspect water line

**15**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**16**  
 Inspect water line

**17**  
 Inspect water line

**18**  
 Inspect water line

**19**  
 Inspect water line

**20**  
 Inspect water line

**21**  
 Inspect water line

**22**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**23**  
 Inspect water line

**24**  
 Inspect water line

**25**  
 Inspect water line

**26**  
 Inspect water line

**27**  
 Inspect water line

**28**  
 Inspect water line

**29**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**30**  
 Inspect water line

**31**  
 Inspect water line

✓ **Nitrogen BMPs required for NPDES permitted sites applying prior to Oct 15.**  
**Choose one of the following:**

- Soil temp 50°F or less
- Nitrification inhibitor
- Cover crop
- Split application

Note: Water line inspections optional for SDS permitted sites.  
 Equivalent water meter or pressure gauge check is allowed alternative.

2024

November

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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✓ **Observe Manure Application Setbacks**  
*(Applying Manure in Sensitive Areas)*

✓ **Report manure application spills to State Duty Officer: 1-800-422-0798**

**1**  
 Inspect water line  
 Inspect LMSA perimeter tile

**2**  
 Inspect water line

**3**  
 Inspect water line

**4**  
 Inspect water line

**5**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**6**  
 Inspect water line

**7**  
 Inspect water line

**8**  
 Inspect water line

**9**  
 Inspect water line

**10**  
 Inspect water line

**11**  
 Inspect water line

**12**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**13**  
 Inspect water line

**14**  
 Inspect water line

**15**  
 Inspect water line

**16**  
 Inspect water line

**17**  
 Inspect water line

**18**  
 Inspect water line

**19**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**20**  
 Inspect water line

**21**  
 Inspect water line

**22**  
 Inspect water line

**23**  
 Inspect water line

**24**  
 Inspect water line

**25**  
 Inspect water line

**26**  
 Inspect water line  
 Inspect all permitted components  
 LMSA freeboard inspection

**27**  
 Inspect water line

**28**  
 Inspect water line

**29**  
 Inspect water line

**30**  
 Inspect water line

Note: Water line inspections optional for SDS permitted sites.  
 Equivalent water meter or pressure gauge check is allowed alternative.



2024

December

2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>1</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect LMSA perimeter tile	<b>2</b> <input type="checkbox"/> Inspect water line	<b>3</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>4</b> <input type="checkbox"/> Inspect water line	<b>5</b> <input type="checkbox"/> Inspect water line	<b>6</b> <input type="checkbox"/> Inspect water line	<b>7</b> <input type="checkbox"/> Inspect water line
<b>8</b> <input type="checkbox"/> Inspect water line	<b>9</b> <input type="checkbox"/> Inspect water line	<b>10</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>11</b> <input type="checkbox"/> Inspect water line	<b>12</b> <input type="checkbox"/> Inspect water line	<b>13</b> <input type="checkbox"/> Inspect water line	<b>14</b> <input type="checkbox"/> Inspect water line
<b>15</b> <input type="checkbox"/> Inspect water line	<b>16</b> <input type="checkbox"/> Inspect water line	<b>17</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>18</b> <input type="checkbox"/> Inspect water line	<b>19</b> <input type="checkbox"/> Inspect water line	<b>20</b> <input type="checkbox"/> Inspect water line	<b>21</b> <input type="checkbox"/> Inspect water line
<b>22</b> <input type="checkbox"/> Inspect water line	<b>23</b> <input type="checkbox"/> Inspect water line	<b>24</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<b>25</b> <input type="checkbox"/> Inspect water line	<b>26</b> <input type="checkbox"/> Inspect water line	<b>27</b> <input type="checkbox"/> Inspect water line	<b>28</b> <input type="checkbox"/> Inspect water line
<b>29</b> <input type="checkbox"/> Inspect water line	<b>30</b> <input type="checkbox"/> Inspect water line	<b>31</b> <input type="checkbox"/> Inspect water line <input type="checkbox"/> Inspect all permitted components <input type="checkbox"/> LMSA freeboard inspection	<p>✓ <b>Liquid manure application prohibited*</b></p> <p>✓ <b>Solid manure application restricted*</b> (see permit for details)</p> <p>* When fields are frozen or snow-covered</p> <p>Note: Water line inspections optional for SDS permitted sites. Equivalent water meter or pressure gauge check is allowed alternative.</p>			