



**Schedule D: Risk Management Measures – Storage and Handling of Manure**

Please select (by circling Yes, No, or N/A) the measures which are in place or will be implemented (and the date) in order to manage any risk from the activity.

**D1 Storage structural integrity**

*Manure storage is up to current standard and has no obvious leaks, cracks or other structural problems.*

Type of Measure: Containment  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D2 Storage maintenance**

*A preventive maintenance program is in place to prevent breakdowns and failures through adjustment, repair, or replacement of equipment before a major breakdown or failure occurs.*

Type of Measure: Containment  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D3 Storage runoff**

*Permanent solid manure storage has a permanent roof; therefore no runoff management is required.*

Type of Measure: Containment  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D4 Storage runoff**

*Runoff is contained and properly handled in a storage system or through other runoff management alternatives (vegetated filter strip system, runoff containment, sewage works or permanently vegetated area).*

Type of Measure: Containment  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D5 Storage capacity**

*The manure storage facility has 240 days or more of storage.*

Type of Measure: Containment  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_



**D6 Storage capacity**

*The manure storage facility has less than 240 days of storage but enough storage to avoid winter spreading.*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D7 Storage capacity**

*Manure storage volume is monitored and formal record keeping is maintained.*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D8 Transfer system**

*For liquid manure storage, two check valves are used and visual inspections are performed for leaks and cracks with no weakness observed in connection and seals.*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D9 Volume wash water**

*Wash water volume is controlled or recycled. Storage and treatment systems are properly designed and installed.*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D10 Temporary field storage**

*Temporary field storage of manure meets OMAFRA minimum site requirements.*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D11 Clean water control**

*Controls of clean water are maintained (i.e. water bowls maintained, eavestroughing in place on structures, berms to upslope water away from yard/storage area etc.).*

Type of Measure: Containment

Current Practice: Yes No N/A

Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_



**D12 Distance to wells**

*Manure is stored more than 30 metres from a non-municipal well.*

Type of Measure: Spatial  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D13 Distance to surface water**

*Manure is stored more than 50 metres from a watercourse or surface water features.*

Type of Measure: Spatial  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D14 Runoff management**

*Runoff is managed using a 50 metre flow path for manure with dry matter content of 50% or more.*

Type of Measure: Spatial  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D15 Runoff management**

*Runoff is managed using a flow path of at least 150 metres for manure with dry matter content of 30 % or more.*

Type of Measure: Spatial  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D16 Preventative maintenance**

*A preventative maintenance program is in place to prevent breakdowns and failures through adjustment, repair, or replacement of equipment before a major breakdown or failure occurs.*

Type of Measure: Contingency  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D17 Nutrient management training**

*A farm staff member has participated in formal nutrient management training facilitated by OMAFRA.*

Type of Measure: Contingency  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_



**D18 Spill response plan**

*A written spill response plan is in place on the farm to handle spills of manure within the area where the Risk Management Plan applies. This spills response plan is reviewed with the person applying manure in this area.*

Type of Measure: Contingency  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D19 Contingency plan training**

*Farm personnel are trained on the spills response plan and it is reviewed with them annually.*

Type of Measure: Contingency  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

**D20 Sampling and monitoring**

*Nearby surface water monitoring and inspections are done regularly in intervals to ensure no contamination occurred. Appropriate action is taken if needed.*

Type of Measure: Contingency  
 Current Practice: Yes No N/A  
 Will be Implemented: Yes No N/A Implementation Date: \_\_\_\_\_

Please use Schedule L, *Other Risk Management Measures*, if you wish to outline alternate measures not listed on this form.