

Runoff Management Checklist

If runoff management is required for one or more solid storage facilities, complete and attach this Runoff Management Checklist to Appendix A (NMS Approvals Submission).

Please specify the facility that requires runoff management:

_____ A permanent solid nutrient storage facility

_____ A farm animal yard lined with concrete or other paving material of equal or lesser permeability

_____ A permanent outdoor confinement area

_____ A facility that is not prescribed in section 81

Runoff management system

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| 1. The above facility has specified one or more of the following runoff management systems: | | | |
| a) a roof over the facility Ref. Reg. 81 (4.1) | Yes | No | N/A |
| b) a vegetated filter strip or an equivalent system, both of which are designed by a qualified professional and capable of minimizing the effect of runoff surface water (Note: Vegetated filter strip will require a Certificate of Approval (C of A) from the Ministry of Environment) Ref. Reg. 81 (4.2) | Yes | No | N/A |
| c) runoff collection and storage area sufficient to contain runoff for the period outlined in section 69 Ref. Reg. 81 (4.3) or | Yes | No | N/A |
| d) a permanently vegetated area (see points 2 through 5 in this appendix) Ref. Reg. 81 (4.4) | Yes | No | N/A |

Permanently vegetated area

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| 2. A permanently vegetated area must: | | | |
| a) be located on a minimum 0.5 m (20 inches) of soil Ref. Reg. 81 (5a) | Yes | No | N/A |
| b) not be located within 3 m (10 ft) of field tile Ref. Reg.81 (5ai) | Yes | No | N/A |
| c) not be located within 100 m (328 ft) of a municipal well, 15 m (50 ft) of drilled well, or 30 m (99 ft) from any other well. Ref. Reg. 81 (5ai & iii) | Yes | No | N/A |
| d) not be located within 90 m (296 ft) of any other well, if permanent storage facility is used for non-agricultural source material. Ref. Reg. 81(5aii) | Yes | No | N/A |
| 3. If a permanently vegetated area is to be used for a permanent solid storage. The following parameters have been met: | | | |
| a) storage floor area is less than 300 m (3229 ft) Ref. Reg. 81 (6a) | Yes | No | N/A |
| b) the permanently vegetated area has a flow path length that measures at least 150 m (492 ft) from surface water and tile inlets, if the storage facility is for manure with 30% D.M. Ref. Reg.81 (5ci) | Yes | No | N/A |
| c) the permanently vegetated area has a flow path length that measures at least 50 m (164 ft) from surface water and tile inlets, if the storage facility is for manure with 50% D.M. Ref. Reg. 81 (5cii) | Yes | No | N/A |

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| 4. If a permanently vegetated area is to be used for a farm animal yard lined with concrete or other paving material. The following parameters have been met: | | | |
| a) the permanently vegetated area has a flow path length that measures at least 150 m (492 ft) from surface water and tile inlets, if the storage facility is for manure with $\geq 30\%$ D.M. Ref. Reg. 81 (5ci) | Yes | No | N/A |
| b) the permanently vegetated area has a flow path length that measures at least 50 m (164 ft) from surface water and tile inlets, if the storage facility is for manure with $\geq 50\%$ D.M. Ref. Reg. 81 (5cii) | Yes | No | N/A |
| 5. If a permanently vegetated area is to be used for a permanent outdoor confinement area. The following parameters have been met: | | | |
| a) the number animals kept in the area generate less than 150 NU annually Ref. Reg. 81 (6b) | Yes | No | N/A |
| b) the area channeled through a single flow path is less than 2000 sq.m (21, 530 sq.ft) Ref. Reg. 81 (6c) | Yes | No | N/A |
| c) the permanently vegetated area has a flow path that measures at least 100 m (328 ft) from surface water and tile inlets, if the confinement area is less than 500 sq.m (5383 sq.ft) Ref. Reg. 81 (5di) | Yes | No | N/A |
| d) the permanently vegetated area has a flow path that measures at least 150 m (492 ft) from surface water and tile inlets, if the confinement is 500 sq.m (5383 sq.ft) or more. Ref. Reg. 81 (5dii) | Yes | No | N/A |

Facilities not prescribed in section 81

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| 6. Facilities that are not prescribed in section 81 must provide documentation of a runoff management system that is capable of preventing, collecting, treating or containing the runoff. | Yes | No | N/A |
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For more information:

Toll Free: 1-877-424-1300

E-mail: nman.omafra@ontario.ca