



Plan Components and Requirements for Winter Manure Applications

Rev 7-17

Plans for Winter Application of Manure

In many cases, a *Winter Manure Recommendations* section is included in the plan written for the previous spring and fall.

In other cases, a winter plan must be developed separately when fall manure application is delayed by wet weather and application carries over into the winter period, or when excessive precipitation causes storage structure to fill up before March 1.

Preparation

Review the August 2016 (effective January 2017) regulations, *Nutrient Application Requirements, Section III* and *Application Timing, Subsection D. Winter Application* (pages I-D1-3 and I-D1-4) to familiarize yourself with the various requirements and restrictions.

General Information

When part of an annual plan, winter recommendations are provided in a separate section of the plan. The section title page should clearly state: "Winter Manure Recommendations: December 16, 201x to February 28, 201x+1."

Maps

Include WSS maps and map unit legends for all fields intended for possible winter manure application in the *Winter Manure Recommendations* section of the plan. (See Attachment 1.)

If less than an entire field is appropriate for winter application because of excessive slope, the map must show the portion of the field where winter application is allowed. (See Attachment 2.)

**Estimation of
Manure Quantity**

| Operation | Explanation |
|---------------------------|--|
| Daily Haul Operations | Manure generation for the time period 12-16 to 2-28 must be included either in the <i>Manure Information</i> or the <i>Winter Manure Recommendations</i> section of the plan. |
| Delayed Fall Applications | If winter recommendations are done because the operator was delayed by inclement weather in applying manure as intended in fall, include the manure generation sheet that indicates the quantity of manure available for fall application. |

**Recommendations
Required**

A copy of *Recommendations using Organic Nutrient Sources* printout (“rec sheets”) from *NuMan Pro* showing spring crops with the anticipated winter manure application rate shown as a pre-set rate is required. Make sure the rate the client wants to apply is no more than the rate allowed by regulation.

White-out the commercial fertilizer recs (second column from the right) as only manure can be applied during regulatory winter. (See Attachment 3 for an example.)

Manure Allocation

The manure utilization and allocation sheet must show the fields intended for winter application. If the land base is not adequate, an export destination (name and town) must be indicated in the plan.

Reminder

If any field intended for winter application has an FIV-P ≥ 150 , P risk assessments (PSI & PMT scores) must be determined.

If a winter plan is being developed for a client for whom a spring and fall plan was developed and the existing plan indicates that it expires March 1 of the following year, the winter recommendations and all supporting documents can be handled as an addendum.

If a spring and fall plan was not developed for the client, treat the winter plan as a complete update with all the required plan components.

Label/Note Needed

Attach a label or note to the organic recommendation printout:

In winter, manure may only be applied to fields with vegetative cover, small grain crops or established hay and pasture.

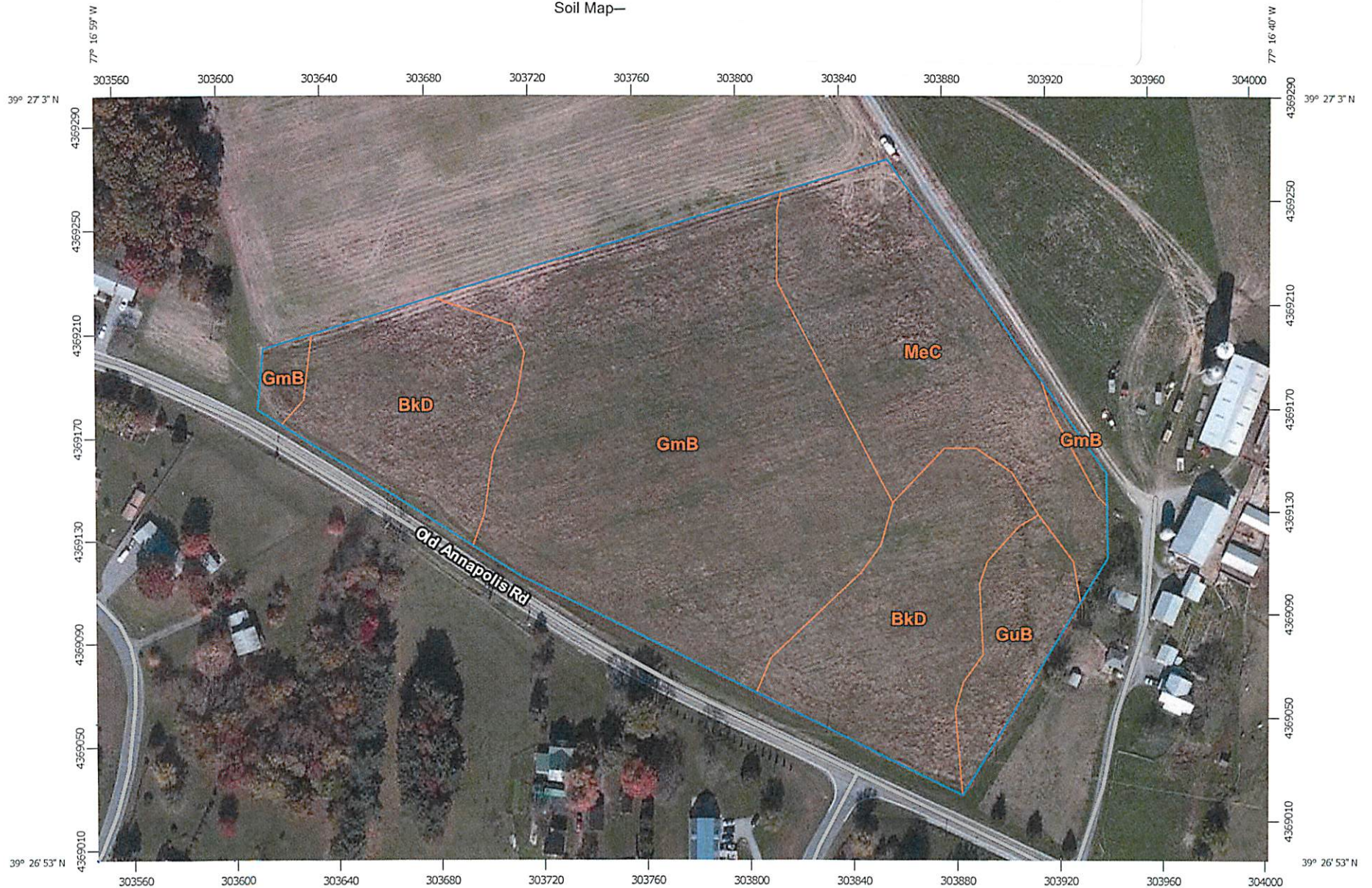
Include the name and phone number of the MDA Nutrient Management Specialist serving the client's county in the plan/addendum.

**Consequences for
Following Spring
Plan**

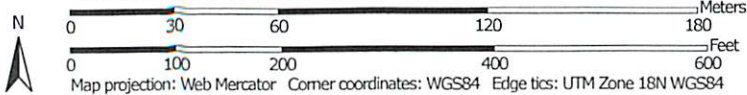
- 1) Prior to developing the plan for the following spring, consult with client and determine which fields actually received winter applications of manure and at what rate.
 - 2) Enter actual winter manure application rate as a pre-set rate in the plan developed for the following spring.
 - 3) Do not print out a NuMan *Fertilizer Recommendations* sheet for fields that received winter manure because the full fertilizer rate is not a valid option.
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Attachment 1

Soil Map—



Map Scale: 1:2,080 if printed on A landscape (11" x 8.5") sheet.



Map Unit Legend

| County, Maryland | | | |
|------------------------------------|--|--------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| BkD | Brinklow-Blocktown channery loams, 15 to 25 percent slopes | 1.8 | 11.3% |
| EdB | Edgemont gravelly loam, 3 to 8 percent slopes | 6.5 | 40.1% |
| GmB | Glenelg-Mt. Airy channery loams, 3 to 8 percent slopes | 6.0 | 36.8% |
| GoB | Glenville silt loam, 3 to 8 percent slopes | 1.9 | 11.8% |
| Totals for Area of Interest | | 16.2 | 100.0% |

Attachment 2

Old Annapolis Rd
MD



