

TERMS OF THE NUTRIENT MANAGEMENT PLAN INCORPORATED INTO THE PERMIT

I. PERMITTEE

In accordance with Parts III.2.b and f of NPDES Permit No. IDG010000, the following terms of the nutrient management plan (NMP) are hereby incorporated as site specific terms and conditions of the general permit for:

IDG010170
Horizon Organic Dairy, LLC
2577 East 500 South
Paul, ID 83347

For the purposes of this permit, “NMP” refers to the latest version of the NMP approved by EPA. Any changes to the NMP must be submitted to EPA in accordance with Part III.A.6 of the permit.

II. SITE SPECIFIC PERMIT TERMS

Ensure Adequate Storage of Manure, Litter, and Process Wastewater

The storage volumes for liquid waste storage containers at the East and West dairies as described on page 8 in the Nutrient Management Plan (NMP) section entitled “Manure Storage Structures,” will be maintained as displayed in the table “Total Annual Liquid Capacity Required.” The storage volumes are summarized in the summary discussion document entitled “Nine Minimum Measures.”

Operation and maintenance of the above-cited storage structures will be operated and maintained as described in Section I-e of the summary discussion document entitled “Nine Minimum Measures.”

Ensure Proper Management of Mortalities

Mortalities will be handled and disposed of as described in Appendix E of the NMP, page 553 and Section 2 of the summary discussion document entitled “Nine Minimum Measures.”

Ensure That Clean Water Is Diverted

Structural modifications will be completed as scheduled to insure that clean water is diverted from production facilities. All structural modifications will be completed by December 31, 2013 and are described in Appendix B, page 224 of the NMP, and summarized on page 8 of the summary discussion document entitled “Nine Minimum Measures.”

Prevent Direct Contact of Confined Animals with Waters of the United States (U.S.)

All confined animals are prohibited from having direct contact with waters of the U.S.

Chemical Handling

Chemical handling procedures will be followed as described in Section 5 of the NMP and Page 5 of the summary discussion document entitled "Nine Minimum Measures."

Conservation Practices to Prevent Runoff

The section named Phosphorus and Nitrogen Risk Assessments and Planned Conservation Practices on page 224 of the NMP identifies planned conservation practices for each field with a risk assessment of high or greater. Conservation practices are also summarized on page 6, Section 6 of the summary discussion document entitled "Nine Minimum Measures." Planned conservation practices will be installed or implemented as described in these sections

Protocols for Manure and Soil Testing

The annual testing manure and soil will be followed as described in the NMP in several sections including Appendix D: Crop Specific Guidelines on page 523 and Appendix C: and, Soil and Manure Testing Results on page 529. Protocols for manure and soil testing are also addressed on page 7, Section 7 of the summary discussion document entitled "Nine Minimum Measures."

Protocols for Land Application of Manure, Litter, or Process Wastewater

Annual land application of manure, litter or process wastewater will follow field specific application rates cited in the Manure Application Rate table on page 18 of the NMP. Annual soil test data will be used to generate the annual nutrient budget displayed on page 22 of the NMP and application rates will be adjusted based upon the soil tests and annual nutrient budgeting as described in the Manure Application Rate section on page 224 of the NMP. Land application rates are also addressed on page 8, Section 8 of the summary discussion document entitled "Nine Minimum Measures."

Record Keeping

Records will be collected and maintained as required by the IDG01000 NPDES Permit Section IV A and Section IV. E.