



August 13, 2010

Illinois Environmental Protection Agency
Bureau of Water, Field Operations Section
Attn: Bruce J. Yurdin, Acting Mgr.
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

Re: Hillcrest Dairy, LLC (formerly New Horizons Dairy, LLC)
NPDES Permit No. IL 0074705
Notice of Incomplete Submission

Dear Mr. Yurdin:

We have made revisions and updates pursuant to your additional information required letter from 2008. However, our client, Hillcrest Dairy, LLC does not desire or believe that they need a NPDES Permit as they are a no discharge facility. As you know, this facility is under new ownership and management for the past several years. It has the design capacity and management to operate as a no discharge facility. The facility has and maintains a nutrient management plan. I concur as the facility's professional engineer that this livestock facility is a no discharge facility and therefore should not need a permit pursuant to 40 CFR 122.23.

The following is an item-by-item response to your additional information request dated November 10, 2008, concerning the NPDES permit for Sam Knevelbaard and Sam Dilsaver Hillcrest Dairy, LLC (formerly New Horizons Dairy).

NPDES PERMIT ADDITIONAL INFORMATION REQUIRED

1. The General Form, Form 2B, and specific plans included in the permit application need to be revised to reflect current ownership, management, and name. Also, Form 2B, Part II CAFO characteristics, needs to reflect the current capacity of the dairy. The site plan submitted with, the original manure management plan needs to be revised to show recent improvements and/or current conditions (such as the location of the solids separators/storage bunker, the elimination of emergency containment cell #1, the renovation to the water supply system including addition of the water treatment unit in the milking parlor, etc.).

- See attached General Form 1.
- See attached Form 2B.
- See attached updated Farmstead Plan.

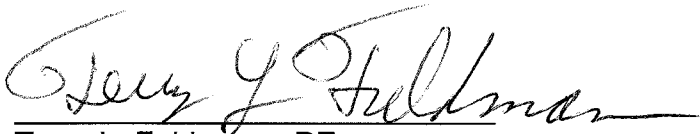
2. The nutrient management plan was essentially broken down into a manure management plan (MMP), which contained emergency spill recovery plan, and an odor and runoff control plan. The manure manage plan was submitted June 25, 2002, and the odor and runoff control plan was submitted June 27, 2002. A separate storm water pollution prevention plan (SWPPP) was submitted June 27, 2007 and addressed contaminated runoff from the commodity areas. These plans should be updated to reflect current conditions at this dairy. Item 5 of the compliance and liability statement included in the MMP requires an updated plan due to any deviation from the original plan (collection, treatment, and disposal procedures).
 - See attached Revised MMP.
 - See attached Updated SWPPP.
 - See attached Updated Odor Plan.
 - See attached Updated Emergency Spill Recovery Plan.
3. The original MMP indicated that manure collection was converted from a gutter flush to a solids scraping system in the freestall barns. The plan also reflected the construction of a reception pit, digester, and three solids (fan) separators ahead of the lagoon. However, the plan indicated the milking parlor and holding pens are still flushed with potable water, and the wastewater is pumped into lagoon. The plan needs to be revised to show this wastewater is currently being diverted to the reception pit with the wastewater from the freestall barns.
 - See Revised Farmstead Plan and MMP.
 - Process Wastewater from Parlor/Holding Pen by-passes the Reception Tank and is diverted to the Lagoon unless dilution water is needed for the reception tank.
4. Provide the current amount of manure, milking parlor wastewater, cooling/cleaning water generated and disposed from the dairy, including any wastewater disposed directly from the reception pit pump-out provision. The MMP should provide general guidelines for the use of this provision.
 - See Updated MMP.
 - See updated Animal Waste Management calculations
5. Also, provide the current amount of solids generated and disposed from the solids separators.
 - See Updated MMP.
 - See updated Animal Waste Management calculations
6. The odor and runoff control plan indicates runoff from the commodity areas is diverted into the lagoon. An estimate of the amount and strength of this runoff and the affects on

the lagoon should be provided.

- See Updated Odor/Runoff Control Plan.
 - See updated Animal Waste Management calculations
 - The strength of silage leachate is highly variable due to differences in precipitation events and dilution as well as the amount of leachate generated.
7. The emergency spill recovery plan (emergency response plan) in the MMP contained emergency contacts, equipment list, containment/recovery procedures, and clean-up guidelines. However, the emergency contact and equipment lists need to be revised and specific direction provided to the facility.
- See Updated MMP.
 - See Updated Emergency Spill Recovery Plan.
8. A separate storm water management plan was provided. This plan addressed storm water runoff collection, treatment, controls, and maintenance activities. The plan should also include monthly visual inspection procedures.
- See Updated SWPPP.
 - See form 11 I and associated instructions attached.
9. General guidelines for composting, incineration, and rendering dead livestock is included in the MMP. However, specific information needs to be provided for the method(s) used at this dairy. The dairy reportedly disposes dead animals at a rendering facility.
- Mortalities are picked up by a rendering company. See attached forms 3E and 3F.
10. Provide specific information concerning the disposal of medical waste.
- See Updated MMP.
11. Please provide a statement that the nutrient management plan, storm water plan and spill control plan will include the discharge limitation, field application of livestock waste, monitoring and reporting requirements, and release provisions of the general NPDES permit ILA01, or that if an individual permit is to be issued, the aforementioned plans will contain the same provisions.
- If the facility is required to have an individual permit or is issued permit ILA01, the facility will follow all of the permit provisions.

Sincerely,

Maurer-Stutz, Inc.

A handwritten signature in black ink, appearing to read "Terry L. Feldmann". The signature is written in a cursive style with a horizontal line underneath.

Terry L. Feldmann, PE
Agricultural Engineering Services Manager

cc: Sam Dilsaver, Hillcrest Dairy; Todd Huson, Peoria Regional Office; MSI file

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