

HILL CREST DAIRY
TEMPORARY STORAGE BASINS FUTURE USE PLAN
Illinois General NPDES Permit

IL0074705

Prepared for:

Hill Crest Dairy, L.L.C.

And

Illinois Environmental Protection Agency

Prepared by:



7615 North Harker Drive
Peoria, IL 61615

Date:

August 13, 2010

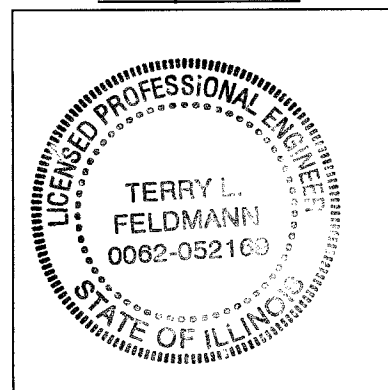
Terry Feldmann, PE
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MSI Project No. 238-09006B

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INTRODUCTION

On May 1, 2002 a Consent Order was approved by the Tenth Judicial Circuit Court Peoria, IL as case No. 01 CH 76 as agreed to by the Illinois EPA, Illinois Attorney General, and Hill Crest Dairy, LLC (formerly New horizons dairy, LLC). This plan has been prepared pursuant to the compliance section of this Consent Order as one of several required plans.

The purpose of this plan is to outline the future use(s) of the Temporary Storage Basins at Hill Crest Dairy.

Facility Description

Hill Crest Dairy, L.L.C. is currently a 1610 cow milking facility. Dry cows and new stock (heifers) are raised off site.

Sam Dilsaver is the managing member of Hill Crest Dairy LLC. The dairy is managed by Sam Dilsaver. Manure Systems and handling is managed by Jordan Spackman under the supervision of Sam Dilsaver.

There are two temporary storage basins, the North and the Middle. The soil in each of the basins was compacted during construction and a synthetic liner was used. The North basin, which is the larger of the two, measures 150'x350' and varies in depth from 4.5' to 10'. The Middle basin measures approximately 220'x220' and varies in depth from 10' to 12'.

Use & Condition of Temporary Storage Basins

Both of the basins had been used for Dairy Manure storage from the spring of 2001 thru September 23, 2002. Both basins have been removed from service as waste storage facilities in compliance with 8 IAC 900.508, being thoroughly cleaned with the removal of all wastewater and sludge. The north basin is currently used for back-up fresh water storage for the cattle and incase of a fire.

Future Use Plan

Both of the basins will be removed and filled in to make room for a new freestall barn.

This plan may be amended with approval of the Illinois EPA.

Application Methods

Care will be taken to assure that all application of waste will follow the Manure Management Plan as prepared by Maurer-Stutz, Inc. All details of application rates, locations, and methods shall be as outlined in the Manure Management Plan.