



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE



C. HEIDI GREYER
DIRECTOR

October 26, 2016

VIA E-MAIL

Mr. Tim Halliwill
Halliwill Farms
2450 Wilkinson Road
Adrian, Michigan 49221

Dear Mr. Halliwill:

SUBJECT: CAFO Reconnaissance Inspection
NPDES Permit COC No. MIG010192
Designated Name: Halliwill Farms-CAFO

On August 2, 2016 staff of the Department of Environmental Quality (DEQ), Water Resources Division (WRD) conducted an evaluation of Halliwill Farms-CAFO, located at 2450 Wilkinson Rd, Adrian, Michigan, Lenawee County, to evaluate the facility's compliance with Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended and National Pollutant Discharge Elimination System (NPDES) Permit Certificate of Coverage (COC) No. MIG010192, issued May 8, 2012, effective May 8, 2012.

You and Ms. Detra Halliwill participated in the inspection which included a records review, a general interview regarding standard farm operation and management, and a visual inspection of the facility. A full copy of the inspection report is available through the DEQ MiWaters online database.

This facility is a concentrated animal feeding operation that custom raises dairy heifers and beef steers. Wastewater and manure is collected and stored in two earthen ponds and land applied to crop fields.

The following items were identified and/or discussed during the evaluation.

1. The farm needs to utilize the DEQ approved Daily Manure Application Record form for recording land application information. The use of this form was discussed during the evaluation and a blank copy of the form was provided to the farm. Additional copies are available on the DEQ CAFO website at: http://www.michigan.gov/documents/deq/wrd-npdes-CAFO-DailyLandApplicaitionForm_531894_7.pdf. Please begin using these forms for all future waste applications and **submit a copy of one of these completed forms to the DEQ by May 1, 2017.**
2. A fence needs to be added to the northern manure storage pond. NPDES COC No. MIG010192 requires that all manure storage structures be built to NRCS Waste Storage Facility Practice Standard No. 313; this practice standard requires that all ponds "be fenced and warning signs posted to prevent children and others from using them for other than their intended purpose." **Please submit photo documentation that a fence has been installed surrounding the northern manure storage pond by May 1, 2017.**

3. Some portions of the clay berms for the northern manure storage were showing signs of minor erosion. NRCS Waste Storage Facility Practice Standard No. 313 requires that "Embankments and disturbed areas surrounding the facility shall be treated to control erosion." The berms of both manure storages should be monitored, and steps taken as needed to control erosion. The site was reviewed with a DEQ soil scientist and given that these are solid clay berms, the recommendation was made to try seeding the banks with fescue grass, or to use mechanical control (i.e. mowing) of non-woody volunteer weeds.

Thank you for your cooperation in these matters. Submittal of the information requested above may be completed through the DEQ MiWaters website; please contact me with any questions related to the submittal of this information through MiWaters.

Should you require further information, please contact me at 517-416-4073; KoledaR@michigan.gov; or DEQ, WRD, Jackson District Office, 301 East Louis Glick Highway, Jackson, Michigan 49201-1535.

Sincerely,



Rachel Koleda
Environmental Quality Analyst
Water Resources Division