



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
JACKSON DISTRICT OFFICE



DAN WYANT  
DIRECTOR

May 30, 2014

Ms. JoLynne Bleecker, Owner  
Terrehaven Farms  
3007 Wolf Creek Highway  
Adrian, Michigan 49221

Dear Ms. Bleecker:

SUBJECT: CAFO Reconnaissance Inspection  
Certificate of Coverage No. MIG010061  
Designated Name: Terrehaven Farm - CAFO

On May 7, 2014, staff of the Department of Environmental Quality (DEQ), Water Resources Division (WRD), conducted a CAFO Reconnaissance Inspection at Terrehaven Farms, located at 3007 Wolf Creek Highway, Adrian Michigan. This inspection was conducted in response to a complaint this office received on a potential violation of Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) and National Pollutant Discharge Elimination System (NPDES) Certificate of Coverage No. MIG010061 issued on April 19, 2012, effective April 19, 2012.

You and Mr. Jim Bleecker participated in the inspection which included a discussion on the complaint and documents submitted by the facility in response to a previous correspondence. The following items were identified and/or discussed during the inspection:

1. This office received a complaint on May 2, 2014, that manure had been stockpiled in fields identified within Terrehaven Farms' CNMP. The complainant claimed stock piles of manure were present on two separate fields in the farm's CNMP: Tipton Field, in Adrian Township on Tipton Highway, North of Emery Road, and the other in Madison Township, section 21 on West Carleton Road, east of Sand Creek Highway. Stockpiles were noted in these fields on the day of the inspection.

Upon meeting with you at the facility, and reviewing field application records submitted on May 20, 2014, it was confirmed that the stockpile on Tipton Field had been present since April 21, 2014. Application records for the Carleton Road field indicated manure was incorporated within 24 hours for each spreading date. Stockpiling of CAFO waste is not permitted in the General Permit, and all land applied CAFO waste must be incorporated within 24 hours of application (excluding specific exemptions outlined in the permit). Not incorporating this CAFO waste within 24 hours of application is a violation of the permit. Also, in the record for Tipton Field, the explanation provided for why manure was not incorporated within 24 hours was that the soil was saturated. While the pre-application soil conditions were not noted to be saturated, please be reminded that per the permit, "CAFO waste shall not be applied on land that is flooded or saturated with water at the time of land application." Please be sure all remaining stockpiles of manure are spread and incorporated in accordance with the permit.

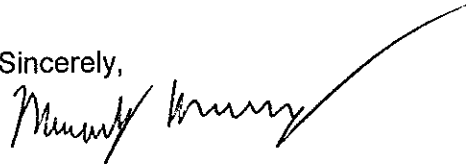
2. This office received a second complaint on May 14, 2014, regarding the application of manure on a field in Terrehaven Farms' CNMP. The forecast for this day did not allow for the application of CAFO waste. The facility confirmed that five (5) semi loads of liquid manure were spread and

incorporated the previous day (May 13, 2014), which had a forecast that allowed for spreading; however, the truck containing the 6<sup>th</sup> load of manure got stuck on the field and was not able to spread the remaining manure until the following day (May 14). The farm indicated that the manure was incorporated prior to the rain on May 14<sup>th</sup>, however any application of CAFO waste with a forecast predicting 70 percent chance or greater of half-inch of rain or greater within 24 hours is a violation of the permit.

3. In accordance with Violation Notice No. VN-005712, issued on November 8, 2013, Terrehaven Farms recently submitted a plan to collect production area runoff from the east barns and divert clean storm water. A review by the Department found this plan to be inadequate in detailing how Terrehaven Farms would divert clean storm water away from the production area and CAFO waste collection structures. During the inspection, Mr. Bleecker informed me that Terrehaven Farms has decided to change the plan to contain and collect contaminated runoff from the east barns. Please submit the facility's new plan to contain and collect contaminated runoff from the east barns. In this plan, please include approximate start and completion dates for this project and updates on any progress made on this project including any engineering plans or drawings. Also, please submit a corresponding plan to divert clean storm water.
4. Terrehaven Farms recently submitted an updated CNMP. Upon Department review, it was noted that the CNMP stated that the facility does not have six month manure storage, as required in the permit. Upon further investigation, it was determined that the farm's storage capacity listed in the CNMP did not include the silage leachate transfer pit. As this storage structure was evaluated for NRCS 313 per Administrative Consent Order (ACO-000210), the facility is allowed to use the structure at this time, even though it was not found to meet the standard. However, per the ACO, this structure shall be documented to meet NRCS 313 or be permanently closed by October 1, 2014. Please submit an amendment to the CNMP with this structure included in the manure storage capacity. Also, since the structure must be either closed or updated by October 1, 2014, please submit a plan to this office detailing how the facility will maintain six months storage once the structure is closed or under repair.

Thank you for your cooperation in these matters. Please respond to items three and four above by July 1, 2014. Should you require further information, please contact me at 517-780-7917; [kennedym@michigan.gov](mailto:kennedym@michigan.gov); or DEQ, WRD, Jackson District Office, 301 East Louis Glick Highway, Jackson, Michigan 49201-1556.

Sincerely,



Michael Kennedy  
Environmental Quality Analyst  
Water Resources Division

cc: Mr. James DeYoung, CJD Farm Consulting, Inc. (via e-mail)  
Mr. Blaine Litteral, E & E Solutions, LLC (via e-mail)  
Mr. James Bleecker, Terrehaven Farms (via e-mail)  
Ms. Nicole Zacharda, Enforcement Unit, DEQ, WRD (via e-mail)  
File: Terrehaven Farm-CAFO, MIG010061, CAFO, Lenawee County