



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
JACKSON ENVIRONMENTAL FIELD OFFICE  
1625 HOLLYWOOD DRIVE JACKSON, TENNESSEE 38305-4316  
Division of Water Resources  
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July 6, 2020

Mr. William Thompson, III, Owner  
Cypress Creek Farms  
6321 Martin Highway  
Union City, TN 38261

**Re: Inspection Findings Letter**

**William Thompson dba Cypress Creek Farms – TN0081779  
238 Red McCorkle Road Union City, TN 38261**

Dear Mr. Thompson;

I conducted an inspection of your facility on June 25, 2020. This inspection was conducted as a routine inspection. It was a pleasure to meet with you during the inspection. Your cooperation during the inspection was greatly appreciated. A summary of the inspection findings is provided below.

You had a copy of your Individual NPDES permit available for review. You also had a copy of your current Comprehensive Nutrient Management Plan (CNMP) available for review during the inspection. Your facility is permitted for approximately 12,000 swine. At the time of inspection, you indicated you had just below 12,000 swine housed on-site. A review of your records indicated you are maintaining the following required records: waste storage system inspections, freeboard records, storm water control inspections, daily rainfall, daily waterline inspections, records of compost temperature, wastewater land application records, and records of soil analyses. You also indicated you collect tissue samples from your crops and have them analyzed. You had a copy of your facility's most recent manure nutrient analyses, which were conducted in April 2020. A 2019 Annual Report was also submitted as required by your permit.

During the inspection you indicated you had transferred manure to a third party but did not fill out the record forms for the manure transfer. You indicated that you only transferred manure one time during 2019 and it went to Reams Farms. All other manure was land applied to application fields in your approved CNMP. You indicated you were aware of the record forms to keep up with third party manure transfers but failed to fill them out. In the future all third party manure transfers should be recorded on the appropriate record forms.

Wastewater at the facility is stored in the pits of the hog barns. Your facility also has two wastewater lagoons for emergency waste storage only. You indicated that you have not put any manure in the wastewater lagoons over the last few years and the nutrient levels have

gone down significantly in them. At the time of inspection, it appeared you had over 2 feet of freeboard in your wastewater lagoon. The marks on the depth marker in your wastewater lagoon have faded to a point where they are hard to visibly see. You indicated you would re-mark the marks on the depth marker where they will be more visible. There is good vegetation established on the levees of your wastewater lagoons. The vegetation on the levees of the wastewater lagoons was tall at the time of inspection. It appears that the levees of the wastewater lagoons are mowed at least once or twice a year. It is important to keep the levees of the wastewater lagoons maintained and mowed so that once a week visual waste storage system inspections can be conducted to make sure there are no erosion concerns and no animal burrows in the levees of the wastewater lagoons.

Mortalities are composted on-site in two separate compost sheds. The hog barns located off Red McCorkle Road have a covered (7) bay concrete compost shed. The hog barns off Capps Drive have a covered (5) bay concrete compost shed. You use wood chips as the bulking agent and carbon source. There were a few uncovered bones observed in the compost bays but there were no uncovered carcasses observed. Adequate cover should be kept over all hog remains. Several wood chips were observed on the ground just outside of the compost bays at both compost sheds. These may have been mostly clean wood chips that fell off from the loader while placing new chips in the compost bays. Try to keep the wood chips from the compost piles in the compost bays under roof as much as possible. There was no leachate observed leaving any of the compost bays at the time of my inspection.

I appreciate you taking time from your schedule to meet with me during the inspection. Enclosed with this letter is a copy of my inspection report.

If you need assistance or have any questions please contact me at 731-512-1305 or by email at [Kevin.X.Smith@tn.gov](mailto:Kevin.X.Smith@tn.gov).

Thank You,



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Kevin Smith, Environmental Scientist 3  
TDEC, Division of Water Resources  
Jackson Environmental Field Office