



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
JACKSON ENVIRONMENTAL FIELD OFFICE
1625 HOLLYWOOD DRIVE JACKSON, TENNESSEE 38305-4316
PHONE (731) 512-1300 STATEWIDE 1-888-891-8332 FAX (731) 661-6283

Memo

Date: 1/27/2020

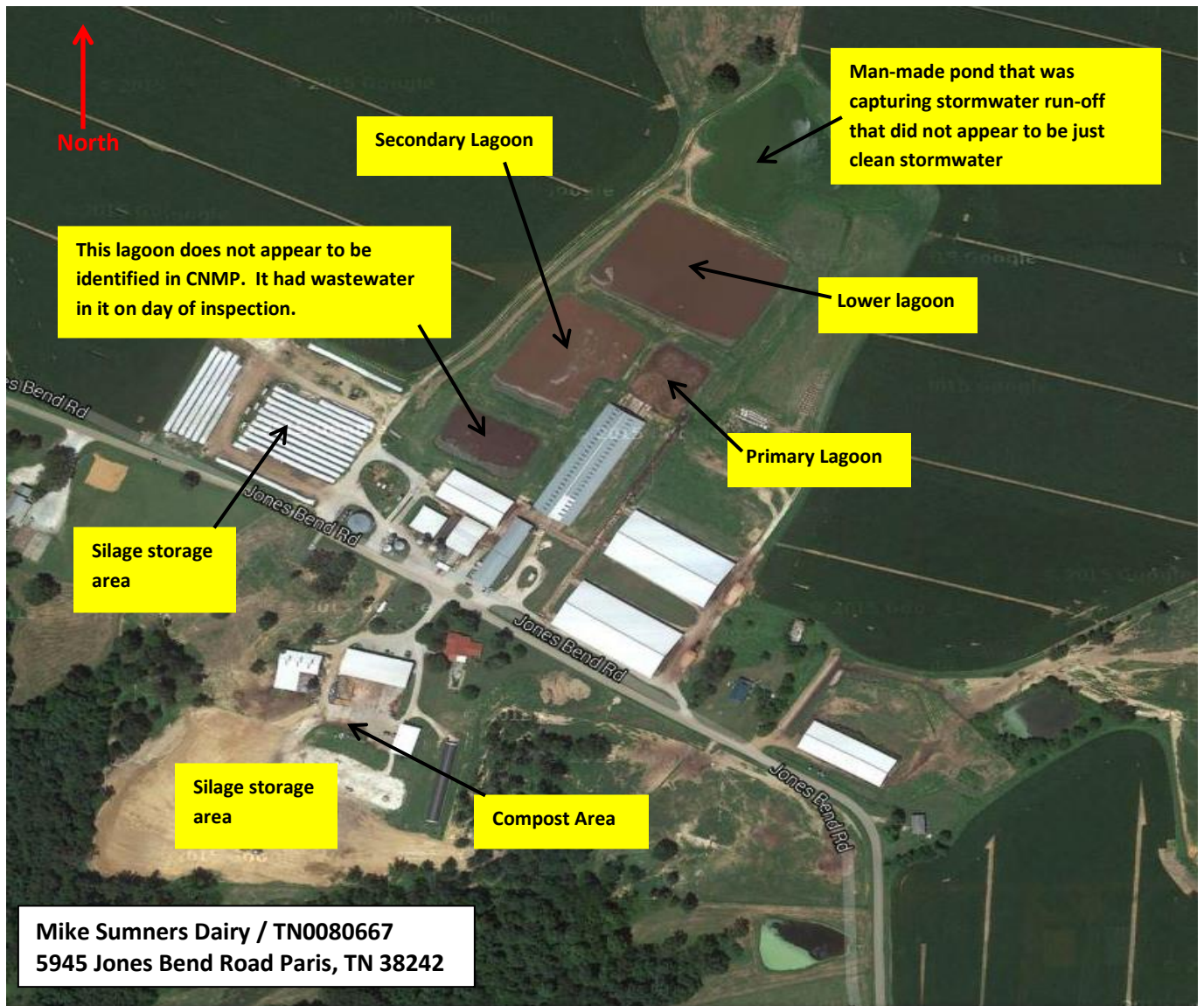
TO: JFO File: Mike Sumners Dairy / TN0080667

From: Kevin Smith, TDEC-DWR, Jackson Environmental Field Office

Subject: 1-23-2020 Inspection Findings Mike Sumners Dairy

I conducted an inspection of Mr. Mike Sumners Dairy facility on January 23, 2020. Mr. Conner Franklin was also present during the inspection. The NPDES permit for Mr. Mike Sumners Dairy has expired. Mr. Sumners has requested to apply for coverage under the new state operating permit when it becomes available. Since Mr. Sumners, is going to apply for coverage under the new state operating permit when it becomes available records required to be kept under the Individual NPDES permit were not reviewed during this inspection. This inspection consisted of a walk around of the facility to see if any water quality issues were present. There were no water quality issues observed on the day we visited the facility. There is one wastewater lagoon that is being used that does not appear to be in the CNMP for the facility. This is the same wastewater lagoon that was noted as not being in the CNMP during the 2016 inspection. It had been raining and I noticed stormwater that is directed around the wastewater lagoons flowing into another man made pond just north of the last wastewater lagoon. The stormwater did not appear to be just clean stormwater. The stormwater appeared to be coming off of a silage storage area and areas around the barns/wastewater lagoons. This structure is also not shown in CNMP. Mr. Sumners will be required to provide an updated CNMP when he applies for coverage under the new state operating permit when it is finalized.

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





Picture 1

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of loafing barns. Notice concrete flush pad. Concrete pad goes to primary lagoon. Picture was taken on west side of milking parlor facing east/northeast.



Picture 2

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture was taken on the northwest side of the primary lagoon facing southeast.



Picture 3

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of secondary lagoon. Picture was taken on the northeast side of the secondary lagoon facing southwest.



Picture 4

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of the lower wastewater lagoon. Wastewater is recycled from the lower wastewater lagoon to flush travel lanes. Picture was taken on the southern side of the lower wastewater lagoon facing north.



Picture 5

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of the lower wastewater lagoon. Picture was taken standing on the south side of the lagoon facing northeast.



Picture 6

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of the lower wastewater lagoon. Picture was taken standing on the south side of the lagoon facing northwest.



Picture 7

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of man-made pond just north of the wastewater lagoons. Picture was taken on the southwest side of the man-made pond facing northeast. At the time of our visit this man made pond was capturing stormwater run-off from production areas that did not appear to be just clean stormwater.



Picture 8

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture was taken standing in the same location as Picture 7 only now I am facing east.



Picture 9

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture was taken on the northwest side of the man-made pond, which is located just north of the wastewater lagoons, facing southeast.



Picture 10

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture was taken on the northwest side of lower wastewater lagoon facing north. There are two more additional ponds below the wastewater lagoons.



Picture 11

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of the southernmost wastewater lagoon. This wastewater lagoon does not appear to be accounted for in the CNMP for the facility. Picture was taken standing on the west side of the lagoon facing east.



Picture 12

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture was taken standing in the same location as Picture 11 only now I am facing southeast.

Jan 23, 2020 at 10:43:54 AM



Picture 13

Date of Photo: 1/23/2020. Photo taken by: Kevin Smith. Location/Site Name: Mike Sumners Dairy/TN0080667. TDWR personnel Present: Kevin Smith and Conner Franklin, TDEC-DWR-JFO. Remarks: Picture is of compost area. Compost area is located across the road from the rest of the operation.