

Region 6 - Enforcement & Compliance Assurance Division
INSPECTION REPORT

Inspection Date(s):	07/28/2021	
Media Program:	Water	
Regulatory Program(s)	CAFO	
Company Name:	Jacobs Dairy II	
Facility Name:	Jacobs Dairy II	
Facility Physical Location:	1088 County Road 2341	
(city, state, zip code)	Sulphur Springs, TX 75482	
Mailing address:	1000 FM 1567	
(city, state, zip code)	Sulphur Springs, TX 75482	
County/Parish:	Hopkins	
Facility Phone Number		
Facility Contact:	Antoon Jacobs	Owner
	Jacobstj5@gmail.com , wyrick@suddenlink.net	
FRS Number:		
Identification/Permit Number:	TXG920939	
Media Identifier Number:		
NAICS:	112120	
SIC:	0241	
Personnel participating in inspection:		
Juan Ibarra	EPA R6 / 6ECD-WA	Inspector
Paul Juarez	EPA R6 / 6ECD-WA	Inspector
Antoon Jacobs (not present)	Jacobs Dairy II	Owner
Jim Wyrick (not present)	Jacobs Dairy II	Consultant
EPA Lead Inspector Signature/Date		
	{Inspector name}	Date
Supervisor Signature/Date		
	{Supervisor name}	Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspectors Juan Ibarra and Paul Juarez arrived at Jacobs Dairy II at 1037 on July 28, 2021, for an announced inspection. No one was at the dairy because the dairy is closed, but Mr. Antoon Jacobs was called by phone the day before the site visit and informed of the inspection at that time. Mr. Jacobs provided the inspector with consent for entry and the code to the gate lock that secured the facility from unauthorized access (credentials could not be presented). The purpose of the EPA inspection was to determine compliance with the requirements of the facility's Texas Commission on Environmental Quality (TCEQ) Concentrated Animal Feeding Operation (CAFO) General Permit. The scope of the inspection was a compliance evaluation of the facility's lagoon maintenance requirements.

FACILITY DESCRIPTION

Jacobs Dairy II is permitted as a dry cow facility for 599 cows plus calves. The facility was closed in June 2019 and no longer has any cows or staff at the site. This site was not operated as a dairy, but rather as a holding area for dry cows and calves from Mr. Jacobs' other two dairy facilities (Jacobs Dairy and JJ Dairy – formerly known as Sidney Walker Dairy). The facility is also currently up for sale and has locked the entry gate. However, Jacobs Dairy II has a current TCEQ CAFO General Permit (TXG920939), and as such the facility must continue to operate and manage the three lagoons. No one was at the property at the time of the inspection, there were no records available for review, but the operational condition of the facility's three lagoons were observed to the degree allowed due to the dense/high vegetation surrounding the embankments and pastures surrounding the lagoons.

The facility has three Retention Control Structures (RCSs) as indicated in the attached site map. There are no prior EPA inspections at this site, so operating and management procedures were not evaluated. All three lagoons were overgrown with heavy vegetation and trees, with one of the lagoons so overgrown that we were unable to accurately locate the lagoon as indicated in the attached photolog which shows the lagoon areas.

Section II - OBSERVATIONS

During the site inspection of Jacobs Dairy II, we observed that the three retention control structures (RCS) were not being maintained. We were unable to access the embankments of the three units due to very dense and high vegetation, but we got as close as we could and photographed the condition of the lagoons. Due to the very dense vegetation, we were unable to locate one of the three lagoons. The lagoons were inaccessible due to the lack of proper and required maintenance such as mowing of vegetation and preventing trees from growing on the embankments of all three units. A lagoon marker was seen on the most south-western lagoon, but we could not get close enough to determine whether any of the units were discharging or had discharged recently.

The dairy has not maintained lagoon maintenance records since shutting down the dairy. Neither Mr. Jacobs nor his consultant could provide any recent lagoon maintenance records. These records would include the weekly lagoon level records, land application of manure solids and wastewater records, and current records of annual sampling of the lagoons and land application sites.

Section III – AREAS OF CONCERN

- 1) The dairy is required to maintain its lagoons per the requirements of its TCEQ CAFO General Permit (Section III.A.10.(a)(c)(e) and (f)). This includes managing the embankments of the units, removing trees, and mowing the perimeter to allow access and observe embankment integrity.
- 2) Lagoon levels must be managed thru land application to maintain the storage capacity for the 25-yr/24-hr rain event (Section III.A.10.(a)(1) and (2)). This is to be accomplished thru weekly documented lagoon level measurements using the lagoon pole markers.
- 3) The facility must maintain all the CAFO permit required lagoon maintenance records including the weekly lagoon levels (Part III.A.15.(a)(2)), lagoon embankment maintenance records, and land application records (Part IV.4.), and the annual wastewater and manure solids sampling records (Part IV.5.).

EPA Region 6 inspector Juan Ibarra was unable to conduct a closing conference by telephone with Mr. Jacobs following the inspection, as Mr. Jacobs notified me that he was ill.

Section IV – FOLLOW UP

None

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 6 photos taken on 7/28/2021 and a Site Aerial Photograph

Appendix 1

Photograph Log and Site Aerial Photograph



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4405.JPG

Date of Photo: 07/28/2021

Time of Photo: 1047

Photographer: Paul Juarez

Description: Looking at the area where the middle RCS was supposed to be located. We were unable to definitively locate the lagoon due to the lack of maintenance and mowing. The view is toward the northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4413.JPG

Date of Photo: 07/28/2021

Time of Photo: 1058

Photographer: Juan Ibarra

Description: Looking at the most eastern RCS. The unit is overgrown with tall vegetation and trees. The view is toward the northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4414.JPG

Date of Photo: 07/28/2021

Time of Photo: 1059

Photographer: Juan Ibarra

Description: Another view of the most eastern RCS. The unit is overgrown with tall vegetation and trees. The view is toward the east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4415.JPG

Date of Photo: 07/28/2021

Time of Photo: 1104

Photographer: Juan Ibarra

Description: Looking at the most western RCS. The unit is overgrown with tall vegetation and trees. A pole marker is seen at the far east side of the lagoon, near the dewatering equipment. The view is toward the east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4416.JPG

Date of Photo: 07/28/2021

Time of Photo: 1104

Photographer: Juan Ibarra

Description: Looking at the most western RCS. The unit is overgrown with tall vegetation and trees. The view is toward the east.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas



Photo File Name: DSCN4417.JPG

Date of Photo: 07/28/2021

Time of Photo: 1105

Photographer: Juan Ibarra

Description: Another view of the most western RCS. The unit is overgrown with tall vegetation and trees. The view is toward the northeast.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: Jacobs Dairy II		
City: Sulphur Springs	County: Hopkins	State: Texas

Jacobs Dairy II DigitalGlobe Aerial photograph dated 12/19/2020 showing the three lagoon locations

