

**Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT**

Inspection Date(s):	March 12, 2025		
Media:	Water		
Regulatory Program(s)	NPDES		
Company Name:	Cleco Power, LLC		
Facility Name:	Dolet Hills Power Station		
Facility Physical Location:	963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
(city, state, zip code)	Mansfield, Louisiana 71052		
Mailing address:	963 Power Plant Road		
(city, state, zip code)	Mansfield, Louisiana 71052		
County/Parish:	DeSoto Parish		
Facility Contact:	Mr. Sam Wise	Manager – Waste & Water Quality	
	(Office) 318.484.7739 (Mobile) 318.229.5928 samuel.wise@cleco.com		
FRS Number:	110000450155		
Identification/Permit Number:	LA0062600 (AI No. 585)		
Media Number:	N/A		
NAICS:	22111		
SIC:	4911		
Personnel participating in inspection:			
Jack Arias	EPA Region-6 ECD-WA	Inspector	214-665-8164
Sam Wise	Cleco Power LLC	Manager – Waste & Water Quality	318-229-5928
EPA Lead Inspector Signature/Date	JACK ARIAS  Digitally signed by JACK ARIAS Date: 2025.05.08 15:07:05 -05'00'		
	{Jack Arias}		Date
Supervisor Signature/Date	ANTHONY LOSTON  Digitally signed by ANTHONY LOSTON Date: 2025.05.08 18:38:15 -05'00'		
	{Anthony Loston}		Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Jack Arias performed an announced inspection of the Cleco Power, LLC- Dolet Hills Power Station on March 12, 2025, at 9:00 AM. I met with the Plant Environmental Manager, Mr. Sam Wise at the opening conference. I presented my credentials to the facility representative, Mr. Sam Wise, and informed him that this was an EPA inspection to determine the facility's compliance with the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES) water intakes and discharge regulations. The scope of the inspection included a compliance evaluation of the NPDES permit (LA0062600) that includes DMR data and effluent limitations, 316b cooling water intake structures integrity, 316b intake and discharge processes, monitoring/sampling requirements, equipment/pipes maintenance, 316b biomonitoring requirements connected with best management practices and best technology available to minimize impingement mortality and entrainment of aquatic organism, review of stormwater pollution prevention plan (SWPPP3) and Spill Prevention Control and Countermeasures (SPCC) plan, record keeping requirements, and facility procedures connected to the permit. Following the opening conference, Mr. Sam Wise and other facility members accompanied us for the entirety of the inspection and gave us a tour of the site in a company vehicle. The closing conference was held with Mr. Sam Wise where I informed him of the results and observations of the inspection.

FACILITY DESCRIPTION

Cleco Power LLC operates the Dolet Hills Power Station (DHPS) at 963 Power Plant Road in Mansfield, DeSoto Parish, Louisiana. The DHPS is located at 963 Power Plant Road in Mansfield, DeSoto Parish, Louisiana. The geographical coordinates of the front gate are Latitude 32.033096 North and Longitude 93.571006 West. Cleco is currently authorized to discharge various wastewaters and storm water associated with industrial activity under the authority of Louisiana Pollutant Discharge Elimination System (LPDES) permit number LA0062600 issued by the Louisiana Department of Environmental Quality (LDEQ). The DHPS currently operates under LPDES permit number LA0062600 which was issued by the LDEQ with an effective date of March 1, 2020, modified August 1, 2022, and an expiration date specified as five years from the effective date (February 28, 2025).

In November 2021, Cleco completed a planned permanent shutdown of the facility. Currently, Cleco has permanently shut down operations at the facility. Generation of process wastewater has ceased and Cleco is in the process of cleaning and dismantling equipment. The DHPS facility submitted a new LPDES permit application that describe shut down and current operations (See Photo Nos. 1 - 13 in Appendix 1).

The DHPS was a fossil fuel-fired steam/electric generating facility. Initial startup at the facility was in 1986. Lignite was fired in a boiler to produce steam that was used to power a steam turbine/electric generator producing approximately 650 megawatts. Process wastewater is no longer generated at the facility. Cleco is in the process of closing the impoundments at the site. A Facility Plot Plan shows the buildings, roads, remaining ponds, equipment, and storage containers (See Photo No. 1 in Appendix 2).

Section II – OBSERVATIONS

Ceased Operations:

DHPS has ceased operations and is being decommissioned. Cleco has operated and continues to operate the facility to avoid all potential and real environmental impacts to the maximum extent reasonably possible. At the time of the inspection, I did not observe any adverse environmental impacts, and I do not expect anticipated adverse environmental impacts because of the ceased and decommissioned operations at the facility.

Cooling Water Intake Structure (CWIS) Requirements:

While Cleco maintains an intake structure at the DHPS, water is no longer used for cooling purposes. As such, the CWIS requirements of the Clean Water Act (CWA), Section 316b no longer apply. Cleco is requesting the removal of CWIS requirements (See Photo Nos. 1 - 13 in Appendix 1).

Description of Outfalls:

Ceased and Decommissioned Outfalls:

As the ceasing and decommissioning of the operations at the facility has advanced, the explanation of the effluent discharged from each outfall has changed. Because Outfalls 002, 003, 004, 005, 006, 007, and 011 no longer exist, Cleco is requesting the removal of these outfalls from the permit. Outfall 012, discharges of hydrostatic wastewater, is no longer required. The discharge collection pond preceding Outfall 001, the lignite pile runoff basin, the limestone runoff pond, and the surge basins have been clean closed and backfilled (See Photo Nos. 1 - 4 in Appendix 1).

Active Outfalls:

Cleco is requesting the following outfall descriptions in the 2025 renewal permit:

- Outfall 001 – the intermittent discharge storm water runoff and miscellaneous wastewater, including but not limited to, fire system test waters, eyewash station and safety shower water, vehicle wash water, and general facility wash water.
- Outfall 009 – the intermittent discharge of pond makeup water
- Outfall 010 - the intermittent discharge of the fly ash/FGD landfill settling pond, including storm water runoff and leachate from the fly/ash/FGD landfill, and miscellaneous wastewater including, but not limited to, fire system test waters, eyewash station and safety shower water, and general facility wash water (See Photo Nos. 5 - 13 in Appendix 1 and Photo No. 2 in Appendix 2).

Biomonitoring:

As the discharges from Outfall 001 now consist of only industrial storm water and miscellaneous wastewater, Cleco is requesting that biomonitoring requirements are removed from Outfall 001.

Effluent Limitation Guidelines:

Cooling tower blowdown, low volume wastewater, and metal cleaning wastewater are no longer generated at the facility or discharged via Outfall 001. Cleco is requesting the removal of effluent limitations for total residual chlorine (TRC), total chromium, and total zinc.

Temperature Requirements:

Cooling tower blowdown is no longer generated at the facility or discharged via Outfall 001. Cleco requests the removal of temperature limits at Outfall 001.

Total Phosphorus:

Phosphorus is related to cooling tower additives for scaling control. Cooling tower blowdowns are no longer generated at the DHPS, and therefore there are no chemical storage at the site. Cleco is requesting the removal of the effluent limitation for total phosphorus.

Wastewater Collection, Treatment, and Discharge:

Outfalls 002, 004, 005, 006, and 007 do not exist. Outfalls 001 and 010 have the potential to discharge vehicle wash water and facility washdown water in addition to industrial storm water. Outfall 001 discharges via pipe to the Red River (Subsegment No. 100101). Final Outfall 010 discharges to Mundy Bayou (Subsegment No. 100606). Outfall 009 discharges to Sawmill Creek (Subsegment No. 100606) (See Photo No. 2 in Appendix 2).

Landfill:

The landfill was previously used for the disposal of non-combustible byproducts of lignite combustion, fly ash and scrubber sludge. Currently the waste also includes bottom sediments that were removed from on-site settling ponds. The landfill produces a leachate as a result of rainwater that percolates through the landfill storm system. The landfill has a liner that separates waste material and subsequent leachate from groundwater. The landfill does not have an apparent leachate collection system, but it does have a pipe underwater that collects leachate from within the landfill and drains to the fly ash landfill settling pond. Storm water from the landfill's active cells drains via gravity to a collection sump and then are transferred to the surface impoundment prior to discharge from Outfall 010 to Mundy Bayou (See Photo Nos. 8 - 9 in Appendix 1 and Photo No. 2 in Appendix 2).

Projects to Protect Environment:

All waste materials are handled and properly disposed of in accordance with applicable regulations. Alternative projects are not deemed necessary or appropriate since this is an existing facility, and no measurable adverse environmental impacts are anticipated. Facility will meet applicable environmental, industry, and company standards. If wastewater and storm water discharge standards and limitations are modified, appropriate environmental controls and mitigating measures would be designed and implemented as necessary to achieve the revised standards and limitations.

Section III – AREAS OF CONCERN

There were no areas of concern observed during the inspection.

Section IV – FOLLOW UP

EPA will provide a copy of the inspection report and hold follow-up meetings relevant to discuss inspection report results, observations, and follow-up conversations connected to the progress of ceasing and decommissioning of operations and final approval of the 2025 renewal permit.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 13 photos taken 03/11/2025

Appendix 2 – Map Log – 2 photos taken 03/11/2025

Appendix 1

Photograph Log and

Significant Photo Locations



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110095.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.033831, -93.571877
Orientation: N
Map Datum: WGS-84
Time of Photo: 09:00 AM
Photographer: Jack Arias
Description: This image shows the entrance and the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110097.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.031256, -93.571771
Orientation: S
Map Datum: WGS-84
Time of Photo: 9:40 AM
Photographer: Jack Arias
Description: This image shows ponds and surge basins closed and backfilled.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110099.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.029963, -93.571709
Orientation: S
Map Datum: WGS-84
Time of Photo: 10:00 AM
Photographer: Jack Arias
Description: This image shows ponds and surge basins closed and backfilled.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110102.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.029963, -93.571709
Orientation: S
Map Datum: WGS-84
Time of Photo: 10:10 AM
Photographer: Jack Arias
Description: This image shows ponds and surge basins closed and backfilled.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110103.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.020670, -93.566704
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:02 AM
Photographer: Jack Arias
Description: This image shows the collection/settling pond and surface impoundment prior to discharge from Outfall 010 to Mundy Bayou.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110106.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.020670, -93.566704
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:04 AM
Photographer: Jack Arias
Description: This image shows the collection/settling pond and surface impoundment prior to discharge from Outfall 010 to Mundy Bayou.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110108.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.020961, -93.567076
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:05 AM
Photographer: Jack Arias
Description: This image shows the discharge area connected to the collection/settling pond prior to discharge from Outfall 010 to Mundy Bayou.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110109.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.018235, -93.568349
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:15 AM
Photographer: Jack Arias
Description: This image shows the fly ash landfill settling pond.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110111.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.156593 -93.543281
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:20 AM
Photographer: Jack Arias
Description: This image shows the landfill collection sump.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110112.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.032480, -93.562151
Orientation: SW
Map Datum: WGS-84
Time of Photo: 11:20 AM
Photographer: Jack Arias
Description: This image shows the secondary ash pond.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3110112.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 32.031995, -93.590232
Orientation: SW
Map Datum: WGS-84
Time of Photo: 12:11 PM
Photographer: Jack Arias
Description: This image shows the makeup water pond connected to Toledo bend reservoir.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3120131.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 31.892745, -93.897852
Orientation: SW
Map Datum: WGS-84
Time of Photo: 01:17 PM
Photographer: Jack Arias
Description: This image shows the intake structure and pumps at Toledo Bend Reservoir.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

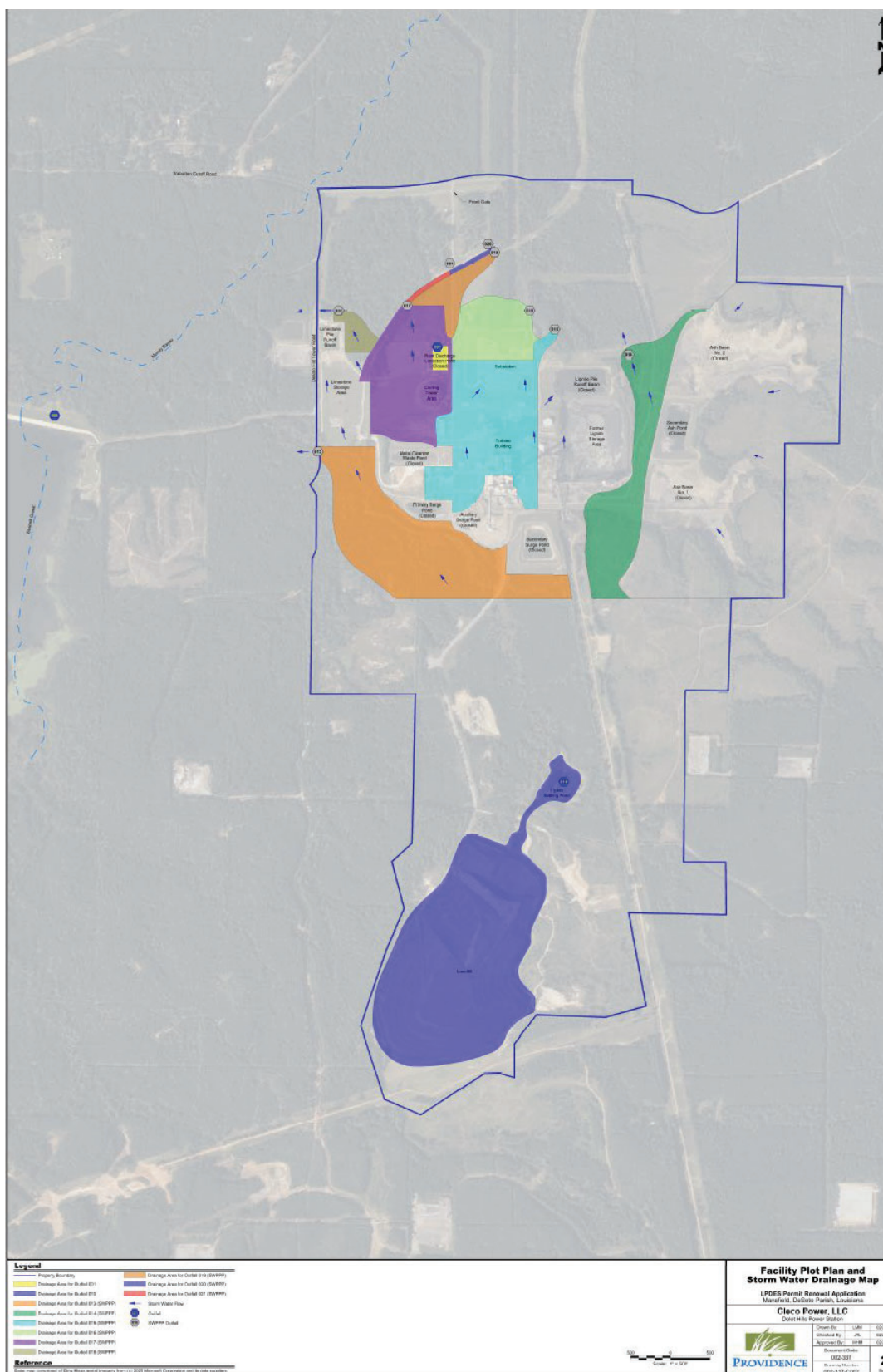
963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)		
Mansfield	County: DeSoto Parish	State: Louisiana



Photograph File Name: P3120130.JPG
Date of Photograph: 03/12/2025
Latitude & Longitude: 31.892745, -93.897852
Orientation: SW
Map Datum: WGS-84
Time of Photo: 01:16 PM
Photographer: Jack Arias
Description: This image shows the intake structure and screens at Toledo Bend Reservoir.

Appendix 2

Map Log





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 2

963 Power Plant Road, Mansfield, Louisiana 71052 (32.033096, -93.571006)

Mansfield

County: DeSoto Parish

State: Louisiana

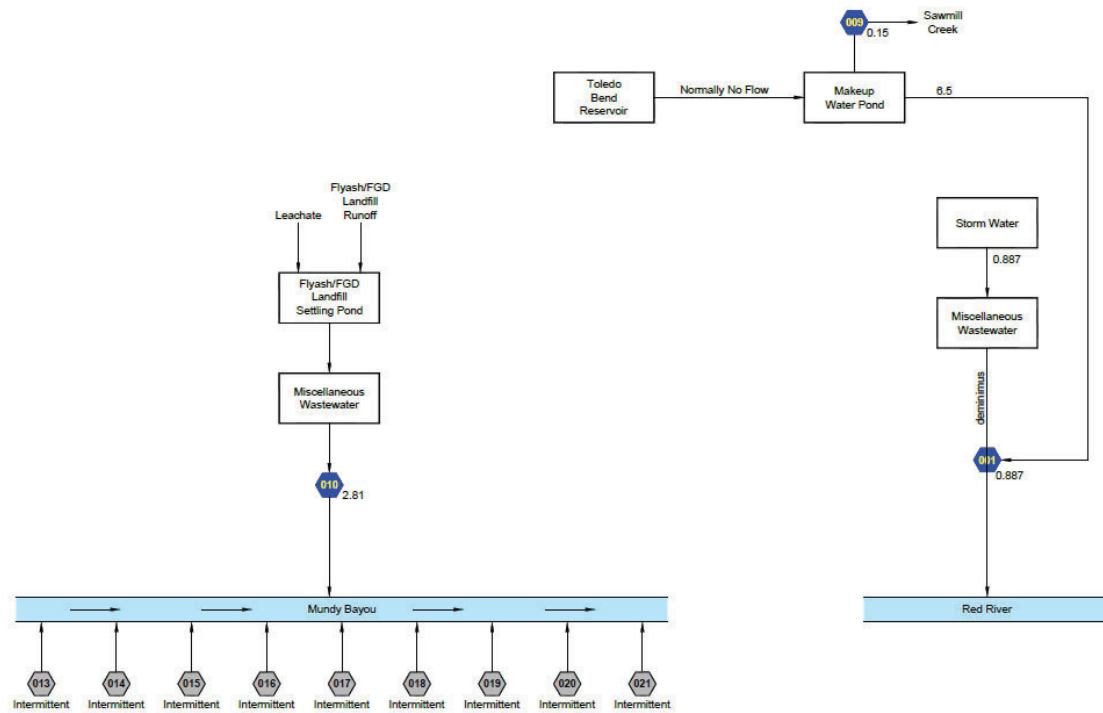
Legend

001 Outfall

016 SWPPP Outfall

Notes

1. All flow rates are in million gallons per day (MGD).
2. Due to the intermittent natures of discharges and the use of retention ponds, a flow balance can not be estimated.
3. Outfalls 013, 014, 015, 016, 017, 018, 019, 020, and 021 are permitted under MSGP.



Water/Wastewater Flow Balance Diagram

LPDES Permit Renewal Application
Mansfield, DeSoto Parish, Louisiana

Cleco Power, LLC
Dolet Hills Power Station



Drawn By	LMM	03/10/25
Checked By	JTL	03/10/25
Approved By	MMH	03/10/25
Project Number	002-337	
Drawing Number	002-337-B003	

3
Figure