

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

Inspection Date(s):	06/29/2023		
Media:	Water		
Regulatory Program(s)	Clean Water Act		
Company Name:	GREATER OUACHITA WATER COMPANY		
Facility Name:	GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
Facility Physical Location:	6625 HWY 165 Bypass		
(city, state, zip code)	Monroe, LA 71202		
Mailing address:	PO Box 1257		
(city, state, zip code)	West Monroe, LA 71294-1257		
County/Parish:	Ouachita Parish		
Facility Contact:	Philip McQueen	President	
	philipm@northlouisianalawyers.com		
	318-388-4303		
FRS Number:			
Identification/Permit Number:	LA0101834		
Media Number:			
NAICS:			
SIC:	4952		
Personnel participating in inspection:			
Michael Williams	EPA/ 6EN-WMH	Inspector	281-983-2150
Jeff McNew	Greater Ouachita Water	Head Operator	318-322-3741
EPA Lead Inspector Signature/Date			Digitally signed by MICHAEL WILLIAMS Date: 2023.08.31 08:45:28 -05'00'
	Michael D. Williams		Date
Supervisor Signature/Date	ROBERTO BERNIER		Digitally signed by ROBERTO BERNIER Date: 2023.08.31 08:56:21 -05'00'
	Roberto Bernier		Date

Section I - Introduction

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Michael Williams, arrived at the Greater Ouachita Water Company – Southeast Regional Wastewater Treatment Facility (WWTF) at 10:46 a.m. on June 29, 2023, for an unannounced NPDES wastewater treatment inspection. During the opening conference, I met with Jeff McNew, Plant Operator. Mr. McNew was informed that this was an EPA lead compliance evaluation inspection to determine compliance with the facility's National Pollutant Discharge Elimination System (NPDES) permit and the Clean Water Act. The scope of the inspection was with permit LA0101834, facility operations, and maintenance under the Clean Water Act. The inspection was conducted under the authority of the NPDES permit program, in accordance with the Federal CWA.

The information presented in this report is based on the materials and information supplied by the Greater Ouachita Water Company representatives, observations made during the inspection, and records and reports maintained by the permittee.

FACILITY DESCRIPTION

The Southeast Regional Wastewater Treatment Facility of the Greater Ouachita Water Company comprises a bar screen that collects all incoming influent. This influent then moves through a sequence of three aerated lagoon cells. These cells are operated in succession, with step aeration occurring in series facilitated by both forced air from surface aeration blowers and floating propeller induction.

The effluent from the aerated cells is directed into a single clarifier. In cases of excess flow, there's an option to divert it into a facultative lagoon. The waste generated by the clarifier serves a dual purpose—it can either be utilized as return-activated sludge at the inlet of the three cells or disposed of in the facultative lagoon. Notably, the facility employs tertiary treatment methods, which involve two dissolved air flotation (DAF) units followed by three fabric disc filter units. The treated water is disinfected using chlorine gas injection. Ultimately, the fully treated effluent is released into Mouchoir De L'Ourse Bayou.

Section II- Observations

This inspection revealed the following observations:

- On the day of the inspection, three of the surface aerators were not working in the three cell lagoons.
- No staff gauge was in the Parshall flume or flow channel to check flow meter accuracy.
- During the evaluation, the chlorine contact chamber exhibited a notable abundance of algae.
- The installation and initiation of the Dissolved Air Flotation (DAF) system were finalized by the facility in February. Prior to its commencement, the facility consistently surpassed the limits for Total Suspended Solids (TSS).

Section III- Areas of Concern

This inspection revealed the following areas of concern:

- The existing flow of solids from the aeration basin and clarifier into the DAF is significant. The DAF units seem to be operating at their peak hydraulic capacity. In times of wet weather, the treatment efficiency might decrease, potentially leading to surpassing TSS limits.
- The facility is required to have a staff gauge to be able to self-check the accuracy of the flow measuring device.
- During the visit, no other significant issues were observed or identified at the facility.

Section IV – LIST OF APPENDICES

- Appendix 1 – Photo Log

Appendix 1

Photograph Log



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 5

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 6

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Photograph Log

Photo No. 7

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: GREATER OUACHITA WATER COMPANY – Southeast Regional WWTF		
City: West Monroe	County/Parish: Ouachita Parish	State: Louisiana

