



ARKANSAS

ENERGY & ENVIRONMENT

November 17, 2023

Jared Richardson, Assistant Manager
Southside Public Water Authority
1401 Batesville Blvd
Batesville, AR 72501
Email: spwaasstmngr@gmail.com ; spwastewater21@gmail.com

RE: Southside WWTP Inspection – PDS 126301 (Independence Co)
AFIN: 32-00515 NPDES Permit No.: AR0050784

Dear Mr. Richardson:


On June 15, 2023, I performed a Reconnaissance Inspection of the above-referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

No violations were noted at the time of the inspection. Please refer to the inspection report for any comments. If I can be of any assistance, please contact me at Kerri.McCabe@adeq.state.ar.us or (501) 352-5641.

Sincerely,

A handwritten signature in black ink that reads "Kerri McCabe". The signature is enclosed in a thin black rectangular border.

Kerri McCabe
Inspector Supervisor, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118

 <p>ENVIRONMENTAL QUALITY</p>	OFFICE OF WATER QUALITY INSPECTION REPORT		
	AFIN: 32-00515	PERMIT #: AR0050784	DATE: 6/15/2023
	COUNTY: 32 Independence	PDS #: 126301	MEDIA: WN
	GPS LAT: 35.684137 LONG: -91.622267 LOCATION: Entrance		

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: Southside WWTP LOCATION: 115 King George St CITY: Batesville, AR	FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 84022 S - State FACILITY EVALUATION RATING: 3 - Satisfactory INSPECTION TYPE: Reconnaissance DATE(S): 6/15/2023 ENTRY TIME: 08:00 EXIT TIME: 09:15 PERMIT EFFECTIVE DATE: 3/1/2019 PERMIT EXPIRATION DATE: 2/29/2024
RESPONSIBLE OFFICIAL	FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N
NAME / TITLE: Jared Richardson / Assistant Manager COMPANY: Southside Public Water Authority MAILING ADDRESS: 1401 Batesville Blvd CITY, STATE, ZIP: Batesville AR 72501 PHONE & EXT: / FAX: 870-251-2508 / 870-251-1481 EMAIL: spwaasstmgr@gmail.com CONTACTED DURING INSPECTION: Yes	INSPECTION PARTICIPANTS
	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Jared Richardson, Assistant Manager (Class III; Lic. #009798)/(870) 251-2508/spwaasstmgr@gmail.com Edward Renteria, Wastewater Supervisor (Class III; Lic. #013268)/(870) 251-2508/spwastewater21@gmail.com

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	N	FLOW MEASUREMENT	S	STORMWATER
N	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW
S	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM
N	SAMPLING	S	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT
**	OTHER:				

SUMMARY OF FINDINGS
<p>No violations were noted during the inspection.</p> <p>Please note that time stamp on photos is inaccurate due to satellite reading.</p>

GENERAL COMMENTS

On Thurs, June 15, 2023, an inspection was conducted at the Southside Public Water Authority treatment plant with the above-mentioned participants. The inspection consisted of a site evaluation only, and no records were reviewed at this time.

Site Evaluation:

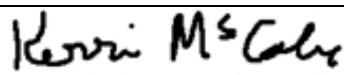
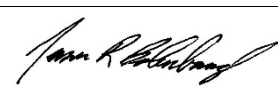
The collection system consists of three lift stations and grinder pumps at each house. It is a low-pressure system, and there are no industries connected to the collection system.

Treatment consists of bar screen, grit removal, extended aeration activated sludge with two, 130,000-gal aeration basins with a 30-day retention time (target DO of 2.0 mg/l; based on seasonality and temp), 16' clarifier with a sludge blanket depth of 2', UV disinfection, flow measurement, post-aeration, and discharge from Outfall 001. Sludge is returned continuously and wasted daily; however, this is based on sludge depth and jar test results. WAS is directed to a digester for thickening/decanting, it is land applied by licensed hauler (Denali; under SND 4605-WR-7).

No issues regarding O&M were noted, and the plant is clean and orderly.

Records Review:

Although no records were reviewed, facility personnel were asked if they had any questions or comments regarding the records required to be maintained by the NPDES permit. The "OWQ – Laboratory Records Request" form was provided to cover any parameters sampled for the final effluent.

INSPECTOR'S SIGNATURE: 	Kerri McCabe	DATE: 11/8/2023
SUPERVISOR'S SIGNATURE: 	Jason Bolenbaugh	DATE: 11/15/2023

Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0837
Description:	Example of grinder pumps installed at individual homes.		
		Photo #:	1



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0824
Description:	Grit chamber		
		Photo #:	2



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0824
Description:	Grit dumpster	Photo #:	3



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0832
Description:	Bar screen	Photo #:	4



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0826
Description:	Basin 1	Photo #:	5



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0827
Description:	Basin 2	Photo #:	6



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0828
Description:	Activated sludge entering center of clarifier.	Photo #:	7



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0829
Description:	Clarifier with hopper to collect scum.	Photo #:	8



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP			
Photographer:	Kerri McCabe	Date:	June 15, 2023	
Witness:	No regulatory personnel	Time:	0830	
Description:	Mr. Renteria demonstrating the sludge blanket depth in the clarifier.		Photo #:	9



Photographer:	Kerri McCabe	Date:	June 15, 2023	
Witness:	No regulatory personnel	Time:	0832	
Description:	Digester		Photo #:	10



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP			
Photographer:	Kerri McCabe	Date:	June 15, 2023	
Witness:	No regulatory personnel	Time:	0832	
Description:	Port for removing decanted sludge from the digester for hauling.		Photo #:	11



Photographer:	Kerri McCabe	Date:	June 15, 2023	
Witness:	No regulatory personnel	Time:	0833	
Description:	UV disinfection		Photo #:	12



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0833
Description:	Laundres used to keep UV bulbs submerged in effluent.		



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0834
Description:	Primary flow measuring device under screen.		



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP		
Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0834
Description:	Secondary flow measuring device.	Photo #:	15



Photographer:	Kerri McCabe	Date:	June 15, 2023
Witness:	No regulatory personnel	Time:	0834
Description:	Post-aeration after flow measurement.	Photo #:	16



Office of Water Quality Photographic Evidence Sheet

Location:	Southside WWTP				
Photographer:	Kerri McCabe	Date:	June 15, 2023	Time:	0836
Witness:	No regulatory personnel			Photo #:	17
Description:	Discharge at Outfall 001.				



Figure 1. Google Earth image dated Nov 15, 2020 of the Southside Public Water Authority WWTP with major components labeled.



Figure 2. Google Earth image dated Nov 15, 2020 of the Southside Public Water Authority WWTP and permitted Outfall 001.

