

Sarah Huckabee Sanders GOVERNOR Shane E. Khoury SECRETARY

01/08/2024

Honorable David Rieder, Mayor Clarksville Connected Utilities PO Box 1807 Clarksville, AR 72830 drieder@clarksvilleAR.gov

RE: Clarksville Connected Utilit. Inspection PDS# 128672 (Johnson County)

AFIN: 36-00038 Permit No.: AR0022187

Honorable Mayor Rieder:

On December 20, 2023, I performed a Compliance Evaluation 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. I also conducted a Collection System Inspection and an Industrial Stormwater Inspection. A copy of each 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 travis.harmon@adeq.state.ar.us or (501) 837-2070.

Sincerely,

Travis Hormun

Travis Harmon

Inspector, Office of Water Quality

CC via email: Porsha.russell@clarksvilleconnect.net conner.cagle@clarksvilleconnect.net



ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: 36-00038 | PERMIT #: AR0022187 | DATE: 12/20/2023 |
COUNTY: 36 Johnson | PDS #: 128672 | MEDIA: WN

GPS LAT: 35.445598 LONG: -93.485147 LOCATION: General Area

	GPS LAT. 35.445596 LONG93.465147 LOCATION. General Area								
	FACILITY INFORMAT	INSPECTION INFORMATION							
Clar	Clarksville Connected Utilit. LOCATION: 1305 South Crawford CITY: Clarksville, AR 72830 RESPONSIBLE OFFICIAL			FACILITY TYPE: INSPECTOR ID#: 1 - Municipal 34689 S - State					
1305				FACILITY EVALUATION RATING 5 - Satisfactory		Cor	TION TYPE: npliance Evaluation		
-					RY TIME:	12:45	PERMIT EFFECTIVE DATE:		
							11/1/2020 PERMIT EXPIRATION DATE:		
NAME: / TITLE Honorable David Rieder / Mayor						10/31/2025			
COMPAN	Clarksville Connected Utilities Malling Address:			FAYETTEVILLE SHALE RELATED: N					
				FAYETTEVILLE SHALE VIOLATIONS: N					
PO E	Box 1807			INSPECTION PARTICIPANTS					
Clari PHONE 8 479- EMAIL:	rate, zip: ksville AR 72830 & ext: / FAX: 754-7929 / der@clarksvilleAR.gov	Porsha Russell/ Wastewater Manager/ 479-774-1270/ porsha.russell@clarksvilleconnect.net Conner Cagle/ Lab technician/ conner.cagle@clarksvilleconnect.net							
COV	ITACTED DURING INSPECTION	: No	1						
	AREA EVALUATIONS (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)								
S	PERMIT	S	FLOW MEASUR	REMENT	S	STORMW	ATER		
SF	RECORDS/REPORTS	N	LABORATORY		N	FACILITY	SITE REVIEW		

SUI	MMA	RY	OF	FIN	IDIN	IGS

EFFLUENT/RECEIVING WATER

SLUDGE HANDLING/DISPOSAL

I found no violations at the time of inspection

S

S

OPERATION & MAINTENANCE

S SAMPLING

N OTHER:

SELF-MONITORING PROGRAM

PRETREATMENT

GENERAL COMMENTS

Introduction

I inspected the facility on December 20, 2023. The inspection was scheduled and Ms. Porsha Russell, Wastewater Manager, and Mr. Conner Cagle, Lab Technician, represented the facility. Clarksville operates a POTW designed to treat 2 million gallons per day, consisting of a WWTP with Outfall 001 and a lagoon system at Outfall 002 which can treat up to 13% of the influent.

I also conducted a Collection System Evaluation and an Industrial Stormwater General Permit - No Exposure inspection. Please refer those separate inspection report for further details.

WWTP Inspections

I inspected the plant from influent to final effluent. Treatment consists of two bar screens at the influent pump station, two oxidation ditches, two secondary clarifiers, chlorine disinfection, SO2 de-chlorination, and cascade post aeration before discharge at outfall 001. All stages of treatment appeared maintained and in proper operating condition at the time of inspection. Final effluent appeared sufficiently treated as viewed at the weir. The facility also operates a thickener, digester, and drying beds for sludge disposal. Outfall 002 consists of an influent pump station and three lagoons in series. Lagoon levee vegetation appeared well managed at the time of inspection. There was no discharge at outfall 002 at the time of inspection.

Records Review

I reviewed Discharge Monitoring Reports (DMR) from November 2022 to October 2023. I also reviewed the February 2, 2023 WET test report. Ms. Russell provided the DMR analysis spreadsheet for October 2023 for DMR averaging and load calculations check. The facility operates an in-house laboratory and I left a lab records request with Ms. Russell during the inspection.

INSPECTOR'S SIGNATURE: Francis Hormun	/	
INSPECTOR'S SIGNATURE:	Travis Harmon	DATE: 1/3/2024
Jan Relations		
	son Bolenbaugh	DATE: 1/8/2024

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	☑S □M □U □NA □NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	☑Y □N □NA □NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	□y □n ☑na □ne
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑Y □N □NA □NE
4. ALL DISCHARGES ARE PERMITTED:	☑y □n □na □ne
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☑S □M □U □NA □NE
DETAILS: In house analysis. Lab records request left for submittal to headquarters	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	☑y □n □na □ne
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	□s □m □u □na ☑ne
a. DATES AND TIME(S) OF SAMPLING:	□y □n □na ☑ne
b. EXACT LOCATION(S) OF SAMPLING:	□y □n □na ☑ne
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	□y □n □na ☑ne
d. ANALYTICAL METHODS AND TECHNIQUES:	□y □n □na ☑ne
e. RESULTS OF CALIBRATIONS:	□y □n □na ☑ne
f. RESULTS OF ANALYSES:	□y □n □na ☑ne
g. DATES AND TIMES OF ANALYSES:	□y □n □na ☑ne
h. NAME OF PERSON(S) PERFORMING ANALYSES:	□y □n □na ☑ne
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	□s □m □u □na ☑ne
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	⊠s □m □u □na □ne
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	☑Y □N □NA □NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S □M □U □NA □NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	⊠s □m □u □na □ne
2. TREATMENT UNITS PROPERLY MAINTAINED:	⊠s □m □u □na □ne
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	⊠s □m □u □na □ne
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	⊠s □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	⊠s □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	⊠s □m □u □na □ne
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	⊠s □m □u □na □ne
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	☑y □n □na □ne
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	☑y □n □na □ne
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	☑y □n □na □ne
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	□Y ØN □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	□y □n ☑na □ne
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	□y □n ☑na □ne
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	□y Øn □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n Øna □ne

SE	ECTION D: SAMPLING	
PE	ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DE	ETAILS:	
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y □N □NA □NE
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy □n □na □ne
3.	FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	Øy □n □na □ne
4.	SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	Øy □n □na □ne
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	Øy □n □na □ne
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:	☑Y □N □NA □NE
a	a. SAMPLES REFRIGERATED DURING COMPOSITING:	Øy □n □na □ne
t	D. PROPER PRESERVATION TECHNIQUES USED:	□y □n □na ☑ne
C	:. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	□y □n □na ☑ne
7.	IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	□y □n ☑na □ne
SE	ECTION E: FLOW MEASUREMENT	
PE	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DI	ETAILS:	
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 6 ft rectangula	ar weir 🛛 Y 🗆 N 🗆 NA 🗆 NE
2.	FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y □N □NA □NE
3.	SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	⊠y □n □na □ne
4.	CALIBRATION FREQUENCY ADEQUATE: calibrated October 9, 2023	☑Y □N □NA □NE
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	⊠y □n □na □ne
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	⊠y □n □na □ne
7.	FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y □N □NA □NE
8.	FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	Øy □n □na □ne
9.	HEAD MEASURED AT PROPER LOCATION:	☑Y □N □NA □NE
SE	ECTION F: LABORATORY	
PE	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	□S □M □U □NA ☑NE
	ETAILS: Left lab records request with Ms. Russell	
1.	EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	□Y □N □NA ØNE
2.	IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	□y □n □na ☑ne
3.	SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	□y □n □na ☑ne
4.	QUALITY CONTROL PROCEDURES ADEQUATE:	□Y □N □NA ☑NE
5.	DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	□Y □N □NA ☑NE
6.	SPIKED SAMPLES ARE ANALYZED >10% OF THE TIME:	□Y □N □NA ØNE
7.	COMMERCIAL LABORATORY USED:	□y Øn □na □ne
a	a. LAB NAME:	
t	D. LAB ADDRESS:	
(parameters performed:	
8.	BIOMONITORING PROCEDURES ADEQUATE:	☑y □n □na □ne
a	a. PROPER ORGANISMS USED:	☑Y □N □NA □NE
-	p. PROPER DILUTION SERIES FOLLOWED:	✓Y □N □NA □NE
-	2. PROPER TEST METHODS AND DURATION:	☑Y □N □NA □NE
	I. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□Y □N ☑NA □NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS										
BASED ON	N VISUAL OBS	ERVATIONS C	ONLY			ØS □M □	IU □NA □NE			
DETAILS:	Viewed at weir									
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER			
001	none	none	none	none	none	clear				
SECTION H	: SLUDGE DISI	POSAL								
SLUDGE D	DISPOSAL MEE	ETS PERMIT F	REQUIREMEN	ΓS		⊠S □M □	IU □NA □NE			
DETAILS:	DETAILS: thickener and digester. Land applied under Permit #5205-WR-1									
1. SLUDGE M										
2. SLUDGE R	ECORDS MAINTAINED	AS REQUIRED BY 40) CFR 503:			□s □м	□U □NA ☑NE			
3. FOR LAND	APPLIED SLUDGE, TY	PE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PU	BLIC CONTACT SITE):					
SECTION I:	SAMPLING IN	SPECTION PRO	CEDURES							
SAMPLE F	RESULTS WITH	IIN PERMIT R	EQUIREMENT	S		□S □M □	IU ⊠NA □NE			
DETAILS:										
1. SAMPLES	OBTAINED THIS INSPE	ECTION:				□Y	□n ☑na □ne			
2. TYPE OF S	AMPLE: ☐GRAB:	□COMPOSITE:_ N	METHOD: FREQUE	NCY:						
3. SAMPLES	PRESERVED:					□Y	□N ☑NA □NE			
4. FLOW PRO	PORTIONED SAMPLE	S OBTAINED:				□Y	□N ☑NA □NE			
5. SAMPLE O	BTAINED FROM FACIL	LITY'S SAMPLING DE\	/ICE:			□Y	□n ☑na □ne			
6. SAMPLE R	EPRESENTATIVE OF \	OLUME AND NATUR	E OF DISCHARGE:			□Y	□N ☑NA □NE			
7. SAMPLE S	PLIT WITH PERMITTEE	≣:				□Y	□N ☑NA □NE			
8. CHAIN-OF-	CUSTODY PROCEDU	RES EMPLOYED:				□Y □N ☑NA □NE				
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:			□Y	□N ☑NA □NE			
SECTION J	: STORM WATE	ER POLLUTION	PREVENTION	PLAN						
STORM W	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS		⊠S □M □	IU □NA □NE			
DETAILS:_	IGP inspection	under no expo	sure exclusion							
1. SWPPP UP	PDATED AS NEEDED:_	_ DATE OF LAST UP	DATE:				□N ☑NA □NE			
2. SITE MAP I	INCLUDING ALL DISCH	HARGES AND SURFA	CE WATERS:				□N ☑NA □NE			
3. POLLUTIO	N PREVENTION TEAM	IDENTIFIED:				□Y	□n ☑na □ne			
4. POLLUTIO	4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:									
5. LIST OF PO	5. LIST OF POTENTIAL POLLUTANT SOURCES:									
6. LIST OF PO	OTENTIAL SOURCES A	AND PAST SPILLS ANI	D LEAKS:				□n ☑na □ne			
7. ALL NON-S	STORM WATER DISCH	ARGES ARE AUTHOR	RIZED:				□n ☑na □ne			
8. LIST OF ST	RUCTURAL BMPS:						□n ☑na □ne			
9. LIST OF NO	ON-STRUCTURAL BMF	PS:					□N ☑NA □NE			
10. BMPS PRO	PERLY OPERATED AN	ND MAINTAINED:				□Y	□n ☑na □ne			
11. INSPECTIO	ONS CONDUCTED AS F	REQUIRED:				□Y	□n ☑na □ne			

DMR Calculation Check

Reporting Period:	From	2023	10	01	_ To	2023	10	31
		Year	Month	Day		Year	Month	Day
Parameter Checked:		TSS	_					
		Loading Mass		Concentration Monthly				
	Mo. Avg Ibs/day			Mo. Avg mg/l			7-day Avg mg/l	
Reported Value:		61.43			9.68		13.	3
Calculated Value:		61.48		<u> </u>	9.675		13.	3

15

If calculated value does not equal reported value, explain:

2501

Permit Value:

22.5

DMR Calculation Check

Reporting Period: From 2023 10 01 To 2023 10 31

Year Month Day Year Month Day

Parameter Checked: CBOD5

	Loading Mass	Concentration Monthly			
	Mo. Avg Ibs/day	Mo. Avg mg/l	7-day Avg mg/l		
Reported Value:	27.66	3.56	3.02		
Calculated Value:	27.664	3.56	3.02		
Permit Value:	166.8	10	15		

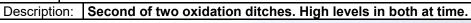
If calculated value does not equal reported value, explain:



Office of Water Quality Photographic Evidence Sheet									
Location: Clarksville Connected Utilit.									
Photographer: Travis Harmon Date: December				December 20, 2023	Time:	0946			
Witness:	Witness: None Photo #: 3								
Descriptio	Description: First of two oxidation ditches.								



Photographer:Travis HarmonDate:December 20, 2023Time:0947Witness:NonePhoto #:4





Office of Water Quality Photographic Evidence Sheet Location: Clarksville Connected Utilit. Photographer: Travis Harmon Date: December 20, 2023 Time: 0951 Witness: None Photo #: 5 Description: First of two secondary clarifiers and view of effluent



Photographer: Travis Harmon Date: December 20, 2023 Time: 0951
Witness: None Photo #: 6

Description: Second of two secondary clarifiers and view of effluent







Programming Steps

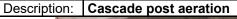
Clarksville Connected Utilit.

Photographer: Travis Harmon Date: December 20, 2023 Time: 0957
Witness: None Photo #: 11

Description: SO2 de-chlorination



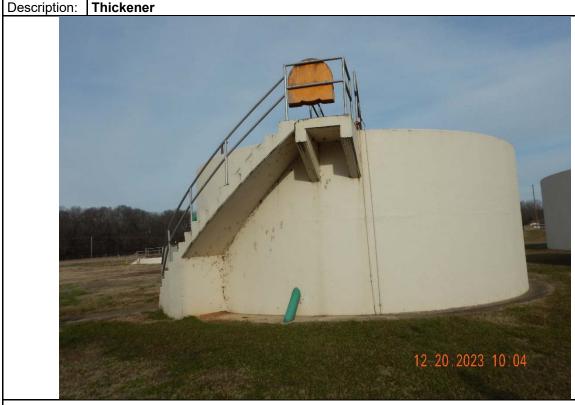
Photographer:Travis HarmonDate:December 20, 2023Time:0959Witness:NonePhoto #:12







Office of Water Quality Photographic Evidence Sheet								
Location:	Cla	ksville Connected Utilit.						
Photograp	her:	Travis Harmon	Date:	December 20, 2023	Time:	1004		
Witness:	Witness: None Photo #:							



Photographer:Travis HarmonDate:December 20, 2023Time:1005Witness:NonePhoto #:16



Office of Water Quality Photographic Evidence Sheet									
Location:	Location: Clarksville Connected Utilit.								
Photographer: Travis Harmon Date: December 20, 2023 Time: 095						0957			
Witness:	Witness: None Photo #: 17								
Description	Description: Drying beds								



Photographer:Travis HarmonDate:December 20, 2023Time:1044Witness:NonePhoto #:18





Inspection Report: Clarksville Connected Utilit., AFIN: 36-00038, Permit #: AR0022187 Google Earth:

