

September 21, 2021

Paige Chase, Mayor City of Monticello P.O. Box 505 Monticello, AR 71657

RE: City of Monticello-East Plant Inspection (Drew Co)

AFIN: 22-00379 NPDES Permit No.: AR0021831

Dear Mayor Chase:

On July 20, 2021, 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. A copy of the inspection report is enclosed for your records.

Please refer to the "Summary of Findings" section of the inspection report and provide a written response for each item that was noted. This response should be mailed to the attention of the Office of Water Quality Compliance Branch at the address below my signature or emailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. The corrective action(s) should be completed as soon as possible and the written response with all necessary documentation (i.e., photos) is due by October 5, 2021.

If you need any assistance, please contact Inspector Supervisor Kerri McCabe at mccabe@adeq.state.ar.us or (501) 682-0642.

Sincerely,

Brittanie Glovd

Inspector, Office of Water Quality

Brittanie Dlayd

5301 Northshore Drive, North Little Rock, AR, 72118



ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **22-00379** PERMIT #: **AR0021831** DATE: **7/20/2021**

COUNTY: **22 Drew** PDS #: **117533** MEDIA: **WN**

GPS LAT: 33.662418 LONG: -91.758331 LOCATION: Entrance

FACILITY INFORMATION	INS	SPECTION I	NFORM	MATION	
City of Monticello-East Plant	1 - Municipal Inspector id#: 129177 S - State				
1000 Florence Road	FACILITY EVALUATION RATING: INSPECTION TYPE: 2 - Marginal Compliance Evaluation		N TYPE: Diance Evaluation		
Monticello	DATE(S): ENTRY TIME: EXIT TIME: 7/20/2021 13:00 14:00			PERMIT EFFECTIVE DATE: 2/1/2020	
RESPONSIBLE OFFICIAL				PERMIT EXPIRATION DATE:	
Paige Chase / Mayor				1/31/2025	
COMPANY:	FAYETTEVILLE SHALE RELATED: N				
City of Monticello MAILING ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N				
P.O. Box 505	INSPECTION PARTICIPANTS				
CITY, STATE, ZIP: Monticello AR 71657 PHONE & EXT: / FAX: 870-367-4400 / 870-367-4405 EMAIL: montcity@att.net	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Charlie Hammock / Assistant Public Works Superintendent Kerri McCabe / OWQ Inspector Supervisor				
CONTACTED DURING INSPECTION: No					
AREA EVA	LUATIONS				

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

The following violation was noted at the time of inspection:

1) The facility had three aerators and one screw pump not in working order at the time of inspection. This is a violation of Part III, B.1. (Proper Operation and Maintenance) of the permit.

GENERAL COMMENTS

On July 20, 2021, an inspection was conducted with the participants listed above. During the inspection, a site assessment and record review were conducted.

Record Review:

The facility and their operators perform pH and Dissolved Oxygen (DO) analysis. The calibration records are stored inside the dual meter, which records both pH and DO at the same time. Mr. Hammock showed me these records and they were adequate to reflect calibration. Originally, I had requested for sampling results for April 2020, which the facility informed me they did not have any flow for that month. The flow sheet was completed appropriately to show that no discharge occurred. Due to no flow in the requested month, I was unable to conduct a thorough DMR check on the facility.

Site Assessment:

The facility consists of a series of ponds. Influent comes into the facility and through a bar screen. After the bar screen, the wastewater is directed into a series of two oxidation ponds. Each oxidation pond has four aerators each, which three of them were not in operation. One is a pump problem, while two of them are simple fixes that they need to get into the pond for (one is a fuse issue and one is a timer issue). After the oxidation pond is pumped into a run of two screw pumps. One screw pump was down due to needing belts reinstalled, while the other screw pump was in operational order. The wastewater is then directed into Holding Pond #1, thence into Holding Pond #2. All pond levees were in good shape and did not show any signs of erosional issues at the time of inspection. Outfall 001 is a hydrographically controlled weir assembly and an Ultrasonic Flow Meter installed to calculate flow. There is a pump house that will pump the treated water through Outfall 001 when the receiving stream is at an acceptable percentage of flow. The facility has an ultrasonic flowmeter upstream of where Outfall 001 is located to ensure the flow and calculation of the percentage of the stream the facility would be discharging into the facility.

Breittanie L	Dland	
INSPECTOR'S SIGNATURE:	Brittanie Gloyd	DATE: 8/25/2021
Kerri M	5 Caly	
SUPERVISOR'S SIGNATURE:	Kerri McCabe	DATE: 9/20/2021

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:	
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 ☑n □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 ☑n □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n ☑na □ne

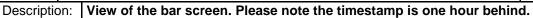
SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	OS OM OU ONA ONE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	Øy □n □na □ne
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	☑Y □N □NA □NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	□Y □N □NA ☑NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	□Y □N □NA ☑NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	□y □n □na ☑ne
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	□y □n □na ☑ne
a. SAMPLES REFRIGERATED DURING COMPOSITING:	□Y □N □NA ☑NE
b. 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
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS:	
PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: Y TYPE OF DEVICE: Hydrograph controlled weir assembly	⊠Y □N □NA □NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	⊠y □n □na □ne
SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: <u>Ultrasonic F</u> Meter	
4. CALIBRATION FREQUENCY ADEQUATE:	⊠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:	☑Y □N □NA □NE
9. HEAD MEASURED AT PROPER LOCATION:	□Y □N □NA ☑NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	□S □M □U □NA ☑NE
DETAILS:	1
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	□y □n □na ☑ne
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 ☑ne
7. COMMERCIAL LABORATORY USED:	□y □n □na ☑ne
a. LAB NAME:	
b. LAB ADDRESS:	
c. PARAMETERS PERFORMED:	
8. BIOMONITORING PROCEDURES ADEQUATE:	□Y □N □NA ☑NE
a. PROPER ORGANISMS USED:	□Y □N □NA ☑NE
b. PROPER DILUTION SERIES FOLLOWED:	□Y □N □NA ☑NE
c. PROPER TEST METHODS AND DURATION:	□Y □N □NA ☑NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□Y □N □NA ☑NE

	•	<u> </u>		· · · · · · · · · · · · · · · · · · ·	2-00379 , Permit #:	AR0021831			
SECTION	G: EFFLUENT/R	RECEIVING WAT	TERS OBSERVA	ATIONS					
BASED O	N VISUAL OBS	SERVATIONS (DNLY				U □NA ☑NE		
DETAILS: Outfall 001 was not discharging at the time of inspection.									
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	S COLOR OTHER			
001	N/A	N/A	N/A	N/A	N/A	N/A			
					•				
SECTION	H: SLUDGE DIS	POSAL							
SLUDGE	DISPOSAL MEI	ETS PERMIT F	REQUIREMEN [*]	TS		⊠s □m □	IU □NA □NE		
DETAILS:									
1. SLUDGE	MANAGEMENT ADEQU	IATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s □m	□U □NA □NE		
2. SLUDGE	RECORDS MAINTAINE	D AS REQUIRED BY 4	0 CFR 503:			□s □м	□u ☑na □ne		
3. FOR LAN	D APPLIED SLUDGE, T	YPE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PUI	BLIC CONTACT SITE):				
SECTION	: SAMPLING IN	SPECTION PRO	CEDURES						
SAMPLE	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S		□S □M □	U ØNA □NE		
DETAILS:									
1. SAMPLES	OBTAINED THIS INSP	ECTION:				□Y	□n ☑na □ne		
2. TYPE OF	2. TYPE OF SAMPLE: GRAB: GCOMPOSITE: METHOD: FREQUENCY:								
3. SAMPLES	3. SAMPLES PRESERVED:								
4. FLOW PR	OPORTIONED SAMPLE	ES OBTAINED:				□Y	□n ☑na □ne		
5. SAMPLE	OBTAINED FROM FACI	LITY'S SAMPLING DE\	/ICE:			□Y	□n ☑na □ne		
6. SAMPLE	REPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:			□Y	□n ☑na □ne		
7. SAMPLE	SPLIT WITH PERMITTE	E:				□Y	□n ☑na □ne		
8. CHAIN-OI	-CUSTODY PROCEDU	IRES EMPLOYED:				□Y	□n ☑na □ne		
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:									
SECTION	J: STORM WAT	ER POLLUTION	PREVENTION	PLAN					
STORM V	VATER MANAG	SEMENT MEET	S PERMIT RE	QUIREMENTS	3	□S □M □	U ⊠NA □NE		
DETAILS:									
1. SWPPP L	IPDATED AS NEEDED:	DATE OF LAST UP	DATE:			□Y	□n ☑na □ne		
2. SITE MAF	INCLUDING ALL DISC	HARGES AND SURFA	CE WATERS:			□Y	□n ☑na □ne		
3. POLLUTIO	3. POLLUTION PREVENTION TEAM IDENTIFIED:								
4. POLLUTIO	4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:								
5. LIST OF F	5. LIST OF POTENTIAL POLLUTANT SOURCES:								
6. LIST OF F	POTENTIAL SOURCES A	AND PAST SPILLS AN	D LEAKS:			□Y	□N ☑NA □NE		
7. ALL NON-	STORM WATER DISCH	HARGES ARE AUTHOR	RIZED:			□Y	□n ☑na □ne		
8. LIST OF S	STRUCTURAL BMPS:					□Y	□n ☑na □ne		
9. LIST OF N	ION-STRUCTURAL BMF	PS:				□Y	□n ☑na □ne		
10. BMPS PR	OPERLY OPERATED A	ND MAINTAINED:				□Y	□N ☑NA □NE		
11. INSPECT	IONS CONDUCTED AS	REQUIRED:				□Y	□N ☑NA □NE		
		·		·		·	<u> </u>		

City of Monticello-East Plant Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 12:56 Witness: Kerri McCabe Photo #: 1 Description: View of the influent basin. Please note the timestamp is one hour behind.



Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 12:57
Witness: Kerri McCabe Photo #: 2





Office of Water Quality Photographic Evidence Sheet Location: City of Monticello-East Plant Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 12:58 Witness: Kerri McCabe Photo #: 3



Photographer:Brittanie GloydDate:07/20/2021Time:12:58Witness:Kerri McCabePhoto #:4





Photographer:Brittanie GloydDate:07/20/2021Time:12:58Witness:Kerri McCabePhoto #:6

Description: Overview of Oxidation Pond #2. Please note timestamp is one hour behind.



Office of Water Quality Photographic Evidence Sheet Location: City of Monticello-East Plant Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 13:05 Witness: Kerri McCabe Photo #: 7

Description: View of the screw pump. Please note timestamp is one hour behind.



Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 13:05
Witness: Kerri McCabe Photo #: 8

Description: View of water from the screw pump entering Holding Pond #1. Please note timestamp is one hour behind.



	Office of Water Quality Photographic Evidence Sheet						
Location: City of Monticello-East Plant							
Photographer: Brittanie Gloyd	Date:	07/20/2021	Time:	13:05			
Witness: Kerri McCabe			Photo #:	9			



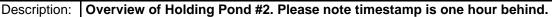
Photographer:Brittanie GloydDate:07/20/2021Time:13:05Witness:Kerri McCabePhoto #:10



City of Monticello-East Plant Photographer: Brittanie Gloyd Date: 07/20/2021 Time: 13:11 Witness: Kerri McCabe Date: Photographer: Photo #: 11

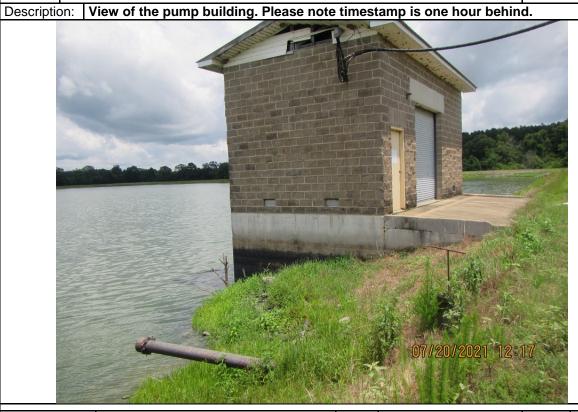


Photographer:Brittanie GloydDate:07/20/2021Time:13:11Witness:Kerri McCabePhoto #:12

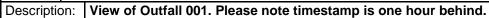




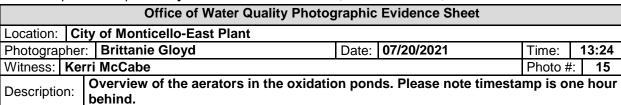
Office of Water Quality Photographic Evidence Sheet							
Location:	Location: City of Monticello-East Plant						
Photograp	her:	Brittanie Gloyd	Date	: [07/20/2021	Time:	12:17
Witness:	Kerri	McCabe				Photo #:	13

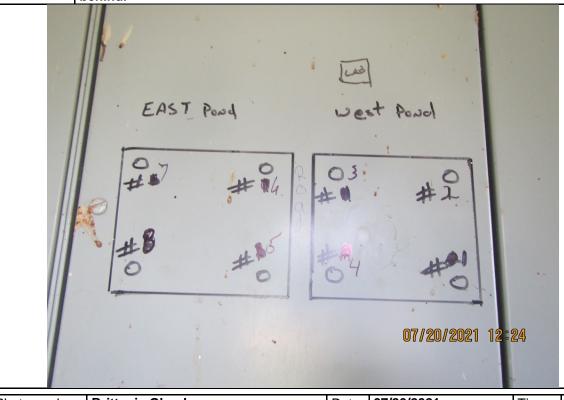


Photographer: Brittanie Gloyd	Date: 07/20/2021	Time:	13:17
Witness: Kerri McCabe		Photo #	: 14









Photographer: Brittanie Gloyd	Date: 07/20/2021	Time:	13:03
Witness: Kerri McCabe		Photo #:	16





Figure 1. Google Earth aerial imagery dated Nov 14, 2019 showing the components of the facility.



From: Paige Chase

To: <u>Water-Inspection-Report</u>

 Subject:
 AFIN:22-00379 NPDES:AR0021831

 Date:
 Monday, September 27, 2021 2:52:58 PM

Ar Department of Environmental Quality
Office of Water Quality
5301 Northshore Drive
North Little Rock, AR 72118

September 27, 2021

Ms. Gloyd,

In response to our finding on our inspection of our East WWTP in Monticello, a belt had broken on the screw pump shortly before the inspection. The belt is an odd size and was not readily available, so we ordered that belt. It arrived about a week later and was immediately replaced so that pump is and has been working. I am looking for the parts tickets, but they haven't been processed yet and won't be before this response is required, October 5.

The three aerators had a cable that secures them to their location broken from regular wear and tear. Those cables wrapped around the aerators and caused them to quit working. We had already ordered the cables when the inspection took place. Those cables have been replaced and those aerators are and have been working. Again, our accounts payable is behind your deadline of October 5. I am unable to locate the receipts for parts at this early date.

Please inform me if this response is not adequate to satisfy the required response for findings. I appreciate your efforts and have a great desire to be compliant and stay in compliance with all requirements. Thank you very much for your time.

Sincerely,

Paige Chase Mayor of Monticello 203 E. Gaines St. Monticello, AR 71655 870-367-4400 870-723-4097



March 25, 2022

Paige Chase, Mayor City of Monticello PO Box 505 Monticello, AR 71657

Via email to: montcity@att.net

RE: City of Monticello-East Plant - Response to Inspection (Drew Co)

NPDES Permit No.: AR0021831 AFIN: 22-00379

Dear Mayor Chase:

I have reviewed the response pertaining to Inspector Gloyd's July 20, 2021 inspection of the City of Monticello-East Plant. The information provided sufficiently addresses the items referenced in her inspection report. At this time, the Department has no further comment concerning this particular inspection. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If I require further information concerning this matter, I will contact you. Thank you for your attention to this matter. Should you have any questions, please contact me at (501) 231-0062 or you may email me at Trey.Butler@adeq.state.ar.us.

Sincerely,

Trey Butler

Inspector, Office of Water Quality

5301 Northshore Drive, North Little Rock, AR, 72118