

December 16, 2020

Sally Wilson, Mayor City of Osceola P.O. Box 443 Osceola, AR 72370

RE: Osceola WWTP Inspections

AFIN: 47-00956 Permit No.: AR0021580 and ARR000149

Dear Mayor Wilson:

On September 3, 2020, I performed a Compliance Evaluation Inspection, SSO/Collection System Inspection, and Industrial Stormwater No Exposure 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. Copies of the inspection reports are enclosed for your records.

No violations were noted at the time of the inspection. Please refer to the inspection reports for any comments.

If I can be of any assistance please contact me at frasher@adeq.state.ar.us or 870-935-7221 ext.-15.

Sincerely,

Sarah Frasher

Inspector, Office of Water Quality

5301 Northshore Drive, North Little Rock, AR, 72118



ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **47-00956** | PERMIT #: **AR0021580** | DATE: **9/3/2020**

COUNTY: 47 Mississippi PDS #: 114381 MEDIA: WN

GPS LAT: 35.679585 LONG: -90.038580 LOCATION: Entrance

FACILITY INFORMATION	INS	SPECTION I	NFOR	NOITAN	
Osceola WWTP	FACILITY TYPE: INSPECTOR ID#: 1 - Municipal 112347 S - State				
~1.27 miles W. Keiser Avenue	FACILITY EVALUATION RATING 3 - Satisfactory	:	Comp	on TYPE: pliance Evaluation	
Osceola	(-)	12: EXIT		PERMIT EFFECTIVE DATE: 10/1/2016	
RESPONSIBLE OFFICIAL				PERMIT EXPIRATION DATE:	
NAME: / TITLE Sally Wilson / Mayor				9/30/2021	
COMPANY:	FAYETTEVILLE SHALE RELATED: N				
City of Osceola MAILING ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N				
P.O. Box 443	INSPECTION PARTICIPANTS				
CITY, STATE, ZIP: Osceola AR 72370 PHONE & EXT: / FAX: /	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Brandon Haynes/ Water & Wastewater Superintendent/ 870-563-2628				
CONTACTED DURING INSPECTION: No					
	LITATIONS				

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

SUMMARY OF FINDINGS

No violations were noted during this inspection.

GENERAL COMMENTS

An eroded portion was observed in Cell 1 (Photo 2) due to the construction process of the newly constructed cell addition. The operator, Brandon Haynes, stated that this area was to be corrected by the construction company soon.

Vegetation was observed on the newly constructed levee dividing constructed Cell 1 from Cell 4 (Photo 5). The area was recently mowed 2 weeks ago according to Mr. Haynes and is scheduled to be mowed again soon.

Differences were noted on the DMR Check Calculation Sheet between the facility and my calculations due to rounding differences. It should be noted that Fecal Coliform Bacteria should be reported as a whole number on the DMRs.

An SSO/Collection System Inspection and Industrial Stormwater No Exposure Inspection (ARR000149) were performed in conjunction with this inspection. Please view corresponding reports for further details.

C/ fil	
INSPECTOR'S SIGNATURE: Sarah Frasher	DATE: 11/3/2020
SUPERVISOR'S SIGNATURE: Brest L. Walker	DATE: 12/14/2020

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	⊠S □M □U □NA □NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	MY □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: <u>Differences due to rounding. See DMR Check Calculations below.</u>	
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:	Øy □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:	Øy □n □na □ne
f. RESULTS OF ANALYSES:	Øy □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	1
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S □M □U □NA □NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	ØS OM OU ONA ONE
2. TREATMENT UNITS PROPERLY MAINTAINED:	ØS OM OU ONA ONE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	ØS OM OU ONA ONE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	ØS OM OU ONA ONE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	☑S ☐M ☐U ☐NA ☐NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	ØS OM OU ONA ONE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	Øs □M □U □NA □NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	□Y □N ☑NA □NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	MY ON ONA ONE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	MY □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:	OY ON MA ONE
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

SE	ECTION D: SAMPLING	
PI	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:	☑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
á	a. SAMPLES REFRIGERATED DURING COMPOSITING:	☑Y □N □NA □NE
ŀ	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	
PI	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DI	ETAILS:	
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: Yes TYPE OF DEVICE: Multifunction Ultrasonic Flowmeter	✓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:	□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
SE	ECTION F: LABORATORY	
PI	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DI	ETAILS:	
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
á	a. LAB NAME: Waypoint Analytical	
ŀ	o. LAB ADDRESS: Memphis, TN	
(c. PARAMETERS PERFORMED: WET Testing	
8.	BIOMONITORING PROCEDURES ADEQUATE:	Øy □n □na □ne
- 6	a. PROPER ORGANISMS USED:	Øy □n □na □ne
l	p. PROPER DILUTION SERIES FOLLOWED:	Øy □n □na □ne
(c. PROPER TEST METHODS AND DURATION:	Øy □n □na □ne
	d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	Øy □n □na □ne

	<u>'</u>	<u>'</u>		<u> </u>	6, Permit #: ARUU	21580					
	G: EFFLUENT/R			ATIONS							
BASED O	N VISUAL OBS	SERVATIONS C	DNLY				IU ⊠NA □NE				
DETAILS:	No discharge of	during the inspe	ection.								
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	IG SOLIDS COLOR OTHE					
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			IU ØNA □NE				
DETAILS:	Sludge stays in	n lagoons.			l .						
	MANAGEMENT ADEQU		FLUENT QUALITY:			□s □м	□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, PU	BLIC CONTACT SITE):						
SECTION	: SAMPLING IN	SPECTION PRO	CEDURES								
SAMPLE	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S			IU ⊠NA □NE				
DETAILS:											
1. SAMPLES	OBTAINED THIS INSP	ECTION:				□Y	□n ☑na □ne				
2. TYPE OF	SAMPLE: GRAB:	COMPOSITE: N	METHOD: FREQUE	ENCY:							
	PRESERVED:					□Y	□N ☑NA □NE				
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 ACCO	RDANCE WITH PERM	IT:			□Y	□N ☑NA □NE				
SECTION	J: STORM WAT	ER POLLUTION	PREVENTION	PLAN							
STORM V	VATER MANAG	SEMENT MEET	S PERMIT RE	QUIREMENTS	3		IU ⊠NA □NE				
DETAILS:											
1. SWPPP L	PDATED AS NEEDED:	DATE OF LAST UP	DATE:			□Y	□N ☑NA □NE				
2. SITE MAP	INCLUDING ALL DISC	HARGES AND SURFA	CE WATERS:			□Y	□n ☑na □ne				
3. POLLUTIO	ON PREVENTION TEAM	I IDENTIFIED:				□Y	□n ☑na □ne				
4. POLLUTIO	ON PREVENTION TEAM	I PROPERLY TRAINED):			□Y	□n ☑na □ne				
5. LIST OF F	OTENTIAL POLLUTAN	T SOURCES:				□Y	□N ☑NA □NE				
6. LIST OF F	POTENTIAL SOURCES	AND PAST SPILLS AN	D LEAKS:			□Y	□n Øna □ne				
7. ALL NON-	STORM WATER DISCH	ARGES ARE AUTHOR	RIZED:			□Y	□n Øna □ne				
8. LIST OF S	STRUCTURAL BMPS:					□Y	□n Øna □ne				
9. LIST OF N	ION-STRUCTURAL BMF	PS:				□У	□n Øna □ne				
10. BMPS PR	OPERLY OPERATED A	ND MAINTAINED:				□Y	□n Øna □ne				
11. INSPECT	ONS CONDUCTED AS	REQUIRED:				□Y	□n Øna □ne				
1	·			·		·	·				

DMR Calculation Check

Reporting Period:	From	2019	12	01	_ To	2019	12	31
		Year	Month	Day		Year	Month	Day
Parameter Checked:		TSS	_					
		Loading					ntration	
		Mass				Mon	ithly	
	Mo.	Avg Ibs/	day	Mo. A	vg r	mg/l	7-day Avç	g mg/l
Reported Value:		539.0			27.9		28.	5
Calculated Value:		539.4		27.9			28.5	
Permit Value:		1,876.5			90.0		135	.0

If calculated value does not equal reported value, explain: <u>Differences due to rounding</u>

DMR Calculation Check

Reporting Period:	From	2020	03	01	_ To _	2020	03	30	
		Year	Month	Day		Year	Month	Day	
Parameter Checked:		FCB	-						
		Loading				Concen	tration		
		Mass				Mon	thly		
	Mo.	Mo. Avg Ibs/day			Mo. Avg. – colonies/100 mL			7-day Avg. – colonies/100 mL	
Reported Value:		N/A			12.7		29.	7	
Calculated Value:		N/A			13			30	
Permit Value:	N/A			1,000			2,000		
					D	ifferences	due to not	roundina	
If calculated value do	es not e	equal repor	ted value, e	xplain:		a whole i			

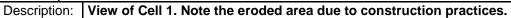


Figure 1. Google Earth image of the City of Osceola WWTP with labels for the different areas of treatment.

Office of Water Quality Photographic Evidence Sheet								
Location: Osceola WWTP								
Photographer: Sarah Frasher			Date:	09/03/2020	Time:	10:52		
Witness: None Photo #: 1								
Description	. 1	liow of the Influent Structure						



Photographer: Sarah Frasher Date: 09/03/2020 Time: 11:15
Witness: None Photo #: 2





Office of Water Quality Photographic Evidence Sheet Location: Osceola WWTP Photographer: Sarah Frasher Date: 09/03/2020 Time: 11:26 Witness: None Photo #: 3

Description: View of the levee between Cell 1 and Cell 2.



Photographer: Sarah Frasher	Date:	09/03/2020	Time:	11:27
Witness: None			Photo #:	4

Description: View of Cell 2.



 Office of Water Quality Photographic Evidence Sheet

 Location:
 Osceola WWTP

 Photographer:
 Sarah Frasher
 Date:
 09/03/2020
 Time:
 11:36

 Witness:
 None
 Photo #:
 5

 Description:
 View of the newly constructed levee dividing the new Cell 1 from Cell 4. Note the vegetation.



Photographer: Sarah Frasher	Date:	09/03/2020	Time:	11:38
Witness: None			Photo #:	6

Description: View of the new Cell 1.



Office of Water Quality Photographic Evidence Sheet								
Location:	Osc	eola WWTP						
Photograp	her:	Sarah Frasher	Date:	09/03/2020	Time:	10:53		
Witness:	None				Photo #:	7		

Description: View of the Outfall building.



Photographer:	Sarah Frasher	Date:	09/03/2020	Time:	10:54
Witness: None			Photo #:	8	

Description: View of the inside of the building.



