

September 30, 2016

Dickie Kennemore, Mayor City of Osceola P.O. Box 443 Osceola, AR 72370

RE: City of Osceola Inspection AFIN: 47-00956 Permit No.: AR0021580

Dear Mayor Kennemore:

On September 13, 2016, I performed a Compliance Evaluation Inspection and SSO/Collection System 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 reports are enclosed for your records.

Please refer to the "Summary of Findings" section of the attached inspection report and provide a written response for each violation that was noted. This response should be mailed to the attention of the Water Division Inspection Branch at the address at the bottom of this letter or e-mailed to <u>Water-Inspection-Report@adeq.state.ar.us</u>. This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e. photos) is due by October 15, 2016.

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

Sincerely,

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Sarah Frasher District 3 Field Inspector Water Division

Inspection Report: City of Osceola, AFIN: 47-00956, Permit #: AR0021580

	ADEO		WATER	<b>DIVISION I</b>	NSF	PEC.	TION	I RE	PORT
ADEQ		AFIN: 47-00956   PERMIT #: AR00		ERMIT #: <b>AR002</b> 1	1 <b>580</b> [			DATE: 9/13/2016	
	R K A N S A S	CC	OUNTY: 47 Missis	ssippi	PDS	#: <b>093</b>	044		MEDIA: WN
Dep	partment of Environmental Quality	GF	S LAT: 35.67958	LONG: -90.0386	607 L(	CATI	ON: En	trance	
	FACILITY INFORMAT	ION		IN	SPEC	TION	NFORM	IOITAN	N
NAME: City of Osceola			FACILITY TYPE:INSPECTOR ID#:1 - Municipal112347 S - State						
	27 miles from W. Keiser Avenue			FACILITY EVALUATION RATING:         INSPECTION TYPE:           3 - Satisfactory         Compliance Evaluation					Evaluation
CITY:					NTRY TIME:	EXIT			
Os	ceola			9/13/2016 09:30 13:00 PERMIT EFFECTIVE DATE: 1/31/2011				-	
	RESPONSIBLE OFFIC	CIAL	-						PIRATION DATE:
	ckie Kennemore / Mayor							1/31/2	2016
COM	PANY:			FAYETTEVILLE SHALE RELATED: N					
City of Osceola				FAYETTEVILLE SHALE VIOLATIONS: N					
MAILING ADDRESS: P.O. Box 443				INSPECTION PARTICIPANTS					
CITY, STATE, ZIP:				NAME/TITLE/PHONE/FAX/EMAIL/ETC.:					
Osceola AR 72370 PHONE & EXT: / FAX:			Brandon Haynes/Water & Wastewater Treatment Superintendent/870-563-2628						
PHUP	PHONE & EXT: / FAX:			Superintendendo/0-303-2020					
EMAI									
00	NTACTED DURING INSPECTION	No							
AREA EVALUA									
		atisfac	tory, M=Marginal, U=Unsati		/Evaluate				
S	PERMIT	Μ			Ν		RMWA		
S	RECORDS/REPORTS	S LABORATORY			S		ILITY S		
S	OPERATION & MAINTENANCE	S		CEIVING WATER					G PROGRAM
S	SAMPLING	N SLUDGE HANDLING/D		LING/DISPOSAL	N	PRE	TREAT	MENI	
N	N OTHER:								
	SUMMARY OF FINDINGS								
	The flowmeter calibrations were not available at the time of the inspection. Please submit verification of flow meter calibration.								

Brent Walker, District 3 Water Inspector, also participated in this inspection.

The geometric mean was reported instead of the Monthly average on DMRs for BOD and TSS. The Monthly average is calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month as defined in Part IV Item 18 of the permit. The geometric mean is only used in reporting the Monthly average for Fecal Coliform Bacteria as defined in Part IV Item 13 of the permit. The consistent data analyzed during the inspection determined minor differences in calculations. If any major differences are determined then the operator should submit corrected DMRs to ADEQ. Please view DMR Calculation Check below for more details.

The daily flow was used for calculations of Mass Loading for grab samples. According to Part IV Item 14 of the permit. Grab samples are an individual sample collected in less than 15 minutes in conjunction with an instantaneous flow measurement. This instantaneous flow measurement should be used for calculations of Mass Loading for grab samples.

The thermometers available at the time of the inspection have not been calibrated against a traceable certified thermometer. The operator should calibrate the current thermometers to assure the temperature measurements are accurate.

The automatic composite sampler had a high temperature according to the thermometer and was observed as partially dismantled during the inspection. Also, the outside tube was observed with discoloration and should be replaced. It should be noted that no samples were being collected during this time. The operator should ensure that the composite sampler is in proper working order and samples should be refrigerated during sample collections.

The City of Osceola Wastewater Treatment Plant informed us that they will be accepting Big River Steel Sanitary waste by truck when the facility is in operation.

A SSO/Collection System Inspection was performed in conjunction with this Compliance Evaluation Inspection.

INSPECTOR'S SIGNATURE:

Sarah Frasher

SUPERVISOR'S SIGNATURE:

Jason Bolenbaugh DATE: 9/30/2016

DATE: 09/29/2016

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	ØS OM OU ONA ONE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	
4. ALL DISCHARGES ARE PERMITTED:	
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	
a. DATES AND TIME(S) OF SAMPLING:	
b. EXACT LOCATION(S) OF SAMPLING:	
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	
d. ANALYTICAL METHODS AND TECHNIQUES:	
e. RESULTS OF CALIBRATIONS:	
f. RESULTS OF ANALYSES:	
g. DATES AND TIMES OF ANALYSES:	
h. NAME OF PERSON(S) PERFORMING ANALYSES:	
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	
2. TREATMENT UNITS PROPERLY MAINTAINED:	
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	
3. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	
<ul><li>9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:</li><li>10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:</li></ul>	Øy On Ona On Oy On Øna On
<ul> <li>9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:</li> <li>10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:</li> <li>11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:</li> </ul>	Øy On Ona On Oy On Øna On Oy Øn Ona On
<ol> <li>STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:</li> <li>PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:</li> <li>HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:</li> <li>IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:</li> </ol>	Øy On Ona Oni Oy On Øna Oni Oy Øn Ona Oni Oy On Øna Oni
<ol> <li>OPERATION AND MAINTENANCE MANUAL AVAILABLE:</li> <li>STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:</li> <li>PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:</li> <li>HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:</li> <li>IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:</li> <li>HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:</li> <li>HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:</li> </ol>	

SE	SECTION D: SAMPLING						
PE	RMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	ØS OM OU ONA ONE					
DE	TAILS:						
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:						
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:						
3.	FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:						
4.	SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:						
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:						
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:						
а	. SAMPLES REFRIGERATED DURING COMPOSITING:						
b	. PROPER PRESERVATION TECHNIQUES USED:						
С	. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:						
7.	IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:						
	CTION E: FLOW MEASUREMENT						
	RMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	OS ØM OU ONA ONE					
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: <u>Yes</u> TYPE OF DEVICE: <u>Multifunctio</u> <u>Ultrasonic Flowmeter</u>						
2.	FLOW MEASURED AT EACH OUTFALL AS REQUIRED:						
3.	SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:						
4.	CALIBRATION FREQUENCY ADEQUATE:						
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:						
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:						
7.	FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:						
8.	FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:						
9.	HEAD MEASURED AT PROPER LOCATION: Flow measured with flowmeter in pipe						
	CTION F: LABORATORY						
	RMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	ØS OM OU ONA ONE					
DE	ETAILS:						
1.	EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :						
2.	IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:						
3.	SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:						
4.	QUALITY CONTROL PROCEDURES ADEQUATE:						
5.	DUPLICATE SAMPLES ARE ANALYZED <u>&gt;10%</u> OF THE TIME:						
6.	SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:						
7.	COMMERCIAL LABORATORY USED:	ØY 🛛 N 🖾 NA 🖾 NE					
	. LAB NAME: <u>Waypoint</u>						
	. LAB ADDRESS: <u>Memphis, TN</u>						
	. PARAMETERS PERFORMED: Acute WET Testing, Nitrate + Nitrite Nitrogen, Total Phosphorus						
8.	BIOMONITORING PROCEDURES ADEQUATE:						
	. PROPER ORGANISMS USED:						
	. PROPER DILUTION SERIES FOLLOWED:						
	. PROPER TEST METHODS AND DURATION:						
d	. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	Øy 🛛 n 🖾 na 🖾 ne					

SECTION G	SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS							
BASED ON	VISUAL OBS	ERVATIONS C	DNLY			ØS OM O		
DETAILS:	DETAILS:							
OUTFALL #: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS COLOR OTHER								
001	N/A	N/A	Moderate	N/A	N/A	green		
SECTION H	: SLUDGE DIS	POSAL						
SLUDGE D	ISPOSAL MEI	ETS PERMIT F	REQUIREMEN	ΓS			U ⊠NA ⊡NE	
DETAILS:	Sludge stays ir	<u>n lagoon</u>						
1. SLUDGE M	ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			□s □m		
2. SLUDGE R	ECORDS MAINTAINE	D AS REQUIRED BY 4	) CFR 503:			⊡s ⊡m		
3. FOR LAND	APPLIED SLUDGE, T	YPE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PUE	BLIC CONTACT SITE):			
		SPECTION PRO						
	ESULTS WITH	HIN PERMIT R	EQUIREMENT	S			IU ⊠NA ⊡NE	
DETAILS:								
	OBTAINED THIS INSP					ΠY	On Øna One	
2. TYPE OF S	AMPLE: GRAB:		IETHOD: FREQUE	NCY:				
3. SAMPLES								
4. FLOW PRC								
5. SAMPLE O								
6. SAMPLE R								
	PLIT WITH PERMITTE							
	CUSTODY PROCEDU							
9. SAMPLES	9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:							
	SECTION J: STORM WATER POLLUTION PREVENTION PLAN							
	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS			U ØNA ⊡NE	
DETAILS:		BATE OF LADTUR	D.475					
	1. SWPPP UPDATED AS NEEDED: DATE OF LAST UPDATE:							
	2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:							
	4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:							
		00.						
11. INSPECTIONS CONDUCTED AS REQUIRED:     Image: Conducted as required:								
1								

## **DMR Calculation Check**

Reporting Period:	From	2016 Year	06 Month	01 Day	_ To _	2016 Year	06 Month	<u>30</u> Day
Parameter Checked:		FCB						
						Concen Mon		
				Mo. Av	g. – cf	u/100	7-day A cfu/1	
Reported Value:					15.4		16.1	l
Calculated Value:					15.4		16.1	l
Permit Value:					200		400	)

If calculated value does not equal reported value, explain: Equal

## **DMR Calculation Check**

Reporting Period:	From	2016 Year	04 Month	01 Day	_ To _	2016 Year	04 Month	<u>30</u> Day
Parameter Checked:		TSS	-					
		Loading Mass				Concer Mon		
	Mo.	Avg Ibs/c	lay	Mo. A	vg r	ng/l	7-day Avg	mg/l
Reported Value:		104.0		4.41			7.83	
Calculated Value:	104.0			4.44			7.83	
Permit Value:	1,876.5		90.0			135.0		

If calculated value does not equal reported value, explain:

Differences due to operator using geometric mean instead of Monthly Average.



CERTIFIED MAIL: 91 7199 9991 7037 2594 8489

November 7, 2016

Dickie Kennemore, Mayor City of Osceola P.O. Box 443 Osceola, AR 72370

Re: City of Osceola- Failure to Respond to Inspection AFIN 47-00956 Permit No.: AR0021580

Dear Mayor Kennemore:

A letter dated September 30, 2016 was sent to you by the ADEQ. The letter outlined the findings of my September 13, 2016 inspection of the above referenced facility. The letter requested that a written response be submitted to the Water Division Inspection Branch of this Department by October 15, 2016. To date, no response has been received.

Please submit a written response by **November 18, 2016**. A copy of the inspection report has been included for your convenience.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 870-935-7221 ext. -15 or you may e-mail me at <u>frasher@adeq.state.ar.us</u>.

Sincerely,

Sarah Frasher District 3 Water Inspector Water Division

From:	Frasher, Sarah
То:	Water-Inspection-Report
Subject:	FW: Wastewater Inspection 2016 response letter
Date:	Friday, November 18, 2016 1:36:39 PM
Attachments:	Wastewater Inspection 2016 response letter.docx

Please attached the following response to the Osceola Inspection. Thank you.

## Sarah Frasher

District 3 Field Inspector Water Division - Jonesboro Field Office Arkansas Department of Environmental Quality 870-935-7221 ext.-15 <u>frasher@adeq.state.ar.us</u>

From: Brandon Haynes [mailto:bhaynes58@yahoo.com]
Sent: Friday, November 18, 2016 11:20 AM
To: Frasher, Sarah; 'Brandon Haynes'
Subject: Wastewater Inspection 2016 response letter

Sarah,

In the attachment you will see the response for the 2016 inspection of Osceola Wastewater facility. AFIN 47-00956 AR0021580

Thanks, Brandon Haynes Osceola W/WW Supt. Sarah,

## AFIN 47-00956 Permit No. : AROO21580

Since inspection, all items listed on report have been acknowledged and taken care of.

- Flow meter has been sent for calibration also ordering new meter to have when other is sent off
- Tubes on sampler have been changed out
- The sampler that was seen as "dismantled" was not dismantled. The one seen was replaced and saved for spare parts. The Sampler used is in great working condition.
- Certified thermometers are used to calibrate thermometers in use.

If anything else is need for the response please let me know.

Thanks,

**Brandon Haynes** 

Osceola W/WW Supt.