

May 25, 2016

David Fitzgerald, Manager Sheridan Waterworks P.O. Box 486 Sheridan, AR 72150

RE: City of Sheridan Inspection AFIN: 27-00022 Permit No.: AR0034347

Dear Mr. Fitzgerald,

On April 13, 2016, 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 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 June 11, 2016.

If I can be of any assistance, please contact me at mcadoo@adeq.state.ar.us or 501-683-0827.

Sincerely,

Civica 11' Adm

Erica McAdoo District 9 Field Inspector Water Division Inspection Report: City of Sheridan, AFIN: 27-00022, Permit #: AR0034347

				R DIVISION INSPECTION REPORT					
ADLQ			IN: 27-00022 P	ERMIT #: AR003434		47		DATE: 4/13/2016	
ARKANSAS			OUNTY: 27 Grant		PDS #: 0909			MEDIA: WN	1
Department of Environmental Quality GPS LAT: 34.3037				LONG: -92.3892 LOCATION: General Area					
	FACILITY INFORMAT	ION					NFORM	MATION	
NAME: City of Sheridan				FACILITY TYPE: INSPECTOR ID#: 1 - Municipal 27312 S - State					
Ga	tion: tzke Drive off Hwy 270 East			FACILITY EVALUATION RATING: INSPECTION TYPE: 4 - Satisfactory Compliance Evaluati					
CITY: Sh	eridan							PERMITEFFECTIVE DATE:	
	RESPONSIBLE OFFIC	CIAL	-	4/13/2016 09:00 10:30 1/1/2015				1/1/2015 PERMIT EXPIRATION DATE:	
								12/31/2019	
	vid Fitzgerald / Manager			FAYETTEVILLE SHALE RELATED: N					
	eridan Waterworks			FAYETTEVILLE SHALE VIOLATIONS: N					
	D. Box 486								
	state, zip: eridan AR 72150			NAME/TITLE/PHONE/FAX/EMA		ader			
				Barra i negoran	a, man	agoi			
870 EMAI)-942-2722 /								
EMAI	E.								
CC	NTACTED DURING INSPECTION	Ye	S						
	(6.6	-4:-6	AREA EVA		/Evolución d	`			
S	PERMIT	S	FLOW MEASUF	tisfactory, N=Not Applicable/Evaluated) REMENT N STORMWATER					
S	RECORDS/REPORTS	S	LABORATORY		S			ITE REVIEW	
S	OPERATION & MAINTENANCE	S		CEIVING WATER	S			-MONITORING PROGRAM	
N	SAMPLING	N SLUDGE HANDLING/DISPOSAL N PRETREATMENT					MENT		
**	** OTHER: SUMMARY OF FINDINGS								
	1. A few areas of erosion were	obs			ns. Thi	s is a	violatio	on of Part III. Section	on
	B.1.A of the permit.			j	-			, <u> </u>	-
	2. Vegetation surrounding the lagoon is in need of maintenance as required by Part III, Section B.1.A of								
	your permit. I understand yo	u m	ust wait until the	e banks are dry ii	n orde	r to ge	et the n	ecessary equipme	nt
in the area.									
GENERAL COMMENTS									
	INSPECTOR'S SIGNATURE: Clock Boker. DATE: 5/23/2016								
	مىنىى) SPECTOR'S SIGNATURE:	cAdoo				DATE: 5/23/2016			
IIN						UNIE. JIZJIZUIU			
		Ľ.							
SU	PERVISOR'S SIGNATURE:	Clark Baker					DATE: 5/23/2016		

Inspection Report: City of Sheridan, AFIN: 27-00022, Permit #: AR0034347

Inspection Report: City of Sheridan, AFIN: 27-00022, Permit #: AR0034347					
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:	Øs 🗆m 🗇u 🖾na 🖾ne				
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	Øy 🛛 n 🗆 na 🖾 ne				
SECTION C: OPERATIONS AND MAINTENANCE					
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED					
DETAILS:					
1. TREATMENT UNITS PROPERLY OPERATED:	Øs 🗆m 🗇u 🖾na 🖾ne				
2. TREATMENT UNITS PROPERLY MAINTAINED:					
	Øs 🗆m 🗇u 🖾na 🖾ne				
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	Øs Om Ou Ona One Os Om Ou Øna One				
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	OS OM OU ØNA ONE				
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 STANDBY POWER OR OTHER EQUIVALENT PROVIDED: ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: ALL NEEDED TREATMENT UNITS IN SERVICE: ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: OPERATION AND MAINTENANCE MANUAL AVAILABLE: STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: 	Image: Second				

SECTION D: SAMPLING					
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS					
DETAILS:					
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:	⊠y ⊡n ⊡na ⊡ne				
a. SAMPLES REFRIGERATED DURING COMPOSITING:					
b. PROPER PRESERVATION TECHNIQUES USED:					
c. 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:					
SECTION E: FLOW MEASUREMENT					
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	ØS OM OU ONA ØNE				
DETAILS: SCADA flow meter					
PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED:					
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:					
SECTION F: LABORATORY					
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	ØS OM OU ONA ONE				
DETAILS:					
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 ≥10% OF THE TIME:					
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:					
7. COMMERCIAL LABORATORY USED:					
a. LAB NAME:					
b. LAB ADDRESS:					
c. PARAMETERS PERFORMED: 8. BIOMONITORING PROCEDURES ADEQUATE:					
a. PROPER ORGANISMS USED: b. PROPER DILUTION SERIES FOLLOWED:					
c. PROPER TEST METHODS AND DURATION:					
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:					

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS										
BASED ON VISUAL OBSERVATIONS ONLY										
DETAILS:										
OUTFALL #: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS COLOR (OTHER			
001	No	No	No	No	No	clear				
SECTION H	SECTION H: SLUDGE DISPOSAL									
SLUDGE D	SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS									
DETAILS:										
1. SLUDGE M	ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s ⊡m				
2. SLUDGE R	ECORDS MAINTAINED	O AS REQUIRED BY 40) CFR 503:			⊠s ⊡m				
3. FOR LAND	APPLIED SLUDGE, TY	PE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PUE	BLIC CONTACT SITE):					
	SAMPLING IN									
	ESULTS WITH	HIN PERMIT R	EQUIREMENT	S			U ⊠NA ⊡NE			
DETAILS:										
-	OBTAINED THIS INSPE					ΠY	□n Øna □ne			
2. TYPE OF S	AMPLE: GRAB:		IETHOD: FREQUE	NCY:						
3. SAMPLES F										
4. FLOW PRO	4. FLOW PROPORTIONED SAMPLES OBTAINED:									
5. SAMPLE O										
6. SAMPLE RI	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:							
7. SAMPLE SI	PLIT WITH PERMITTER	Ξ:								
8. CHAIN-OF-	CUSTODY PROCEDU									
9. SAMPLES (COLLECTED IN ACCO	RDANCE WITH PERM	IT:			ΠY	□n Øna □ne			
	STORM WAT									
	ATER MANAG	EMENI MEEI	S PERMIT RE	QUIREMENTS			U ØNA DNE			
DETAILS:			D 4 T 5							
	DATED AS NEEDED:									
_	NCLUDING ALL DISCH		JE WATERS:							
3. POLLUTION PREVENTION TEAM IDENTIFIED:										
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:										
	5. LIST OF POTENTIAL POLLUTANT SOURCES:									
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS: Image: Company and the processing of the procesing of the processing of the processing of										
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:							On Øna One On Øna One			
	PERLY OPERATED A									
11. INSPECTIONS CONDUCTED AS REQUIRED: Image: Ima										

DMR Calculation Check

Reporting Period:	From	2016	02	01	То	2016	02	29
		Year	Month	Day		Year	Month	Day
Parameter Checked:		CBOD	-					
		Loading				Concer	ntration	
		Mass				Mon	nthly	
	Me	o. Avg Ibs/day	/	Mo. A	Avg mg	J/I	7-day Avg	mg/l
Reported Value:		N/A			11.6		11.6	;
Calculated Value:		N/A		11.55			11.55	
Permit Value:		N/A			30		45	

If calculated value does not equal reported value, explain:

Water Division Photographic Evidence Sheet							
	ty of Sheridan						
Photographer:	Erica McAdoo, ADEQ Inspector	Date: 4/13/2016	Time: 1130				
Witness:	Evidence of excelor in come erces		Photo #: 1				
Description:	Evidence of erosion in some areas s	surrounding the lagoon	-22.4 - 13				
Photographer:	E Erica McAdoo, ADEQ Inspector	Date: 4/13/2016	Time: 1130				
Witness:	- · · ·		Photo #: 2				
Description:	Vegetation requires maintenance in	some areas surrounding the lag	joon				

Figure 1: Google Earth Image



Sheridan Water Works PO Box 486 Sheridan, AR 72150

ADEQ 5301 Northshore Drive North Little Rock, AR 72118-5817

June 10, 2016

ATTN: Water Division Inspection Branch RE: City of Sheridan Inspection AFIN: 27-00022 Permit No: AR0034347

Dear Erica McAdoo,

After your inspection of our facility on 4-13-16 you noted 2 items that need to be corrected.

- 1. The few places where there was some erosion on the banks, grass seed was put down and the grass is now growing and should hold. We will keep watch on these places and if needed we will place rip-rap on those places.
- 2. The Grant County Road Department has mowed the levees down to the water's edge 2 weeks after the inspection. We have a contract mower for the lagoons and he mows once a month but cannot get to the water's edge on the inside of the levees. The Grant County Road Department has a side mount mower and they mow the ponds twice a year. The first time was the first week of May. Photos will be mailed once I get them developed.

If you have any questions feel free to call me at 870-942-2722.

Sincerely, David Fitzgerald Manager, Sheridan Water Works



November 1, 2016

David Fitzgerald, Manager Sheridan Waterworks P.O. Box 486 Sheridan, AR 72150

RE: City of Sheridan Inspection AFIN: 27-00022 Permit No.: AR0034347

Dear Mr. Fitzgerald,

The Department has received your response to the April 13, 2016 inspection of your site. Your response appears to adequately address the discrepancies identified during the visit. The Department assumes the corrective actions taken will be maintained to ensure consistent compliance with the requirements of the permit. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

The Department will keep the inspection and response on file. If future violations occur that require enforcement action, the Department will consider the inspection and response as required by the Pollution Control and Ecology Commission Regulation No. 7, Civil Penalties. This regulation requires the Department to consider the past history of your site and how expeditiously the violations were addressed in determining any civil penalty that may be necessary for any future violations.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter.

If I can be any assistance, please contact me at mcadoo@adeq.state.ar.us or 501-683-0827.

Sincerely,

anial toto

Erica McAdoo District 9 Field Inspector Office of Water Quality