

February 3, 2015

Mr. William D. King, Executive Director Texarkana Water Utilities PO Box 2008 Texarkana. TX 75501

RE: North Texarkana POTW Inspection (Miller Co)

AFIN: 46-00237 NPDES Permit No.: AR0048691

ARR00C484

Dear Mr. King:

On January 15, 2015 and January 16, 2015 I performed Compliance Evaluation Inspections of the above referenced facilities 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 each of the attached inspection reports 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 Water-Inspection-Report@adeq.state.ar.us. 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 February 17, 2015.

If I can be of any assistance, please contact me at smithron@adeq.state.ar.us or (870) 777-7585 ext. 2.

Sincerely,

Red Smith

District 7 Field Inspector

Port Soth

Water Division

WATER DIVISION INSPECT							ON REPORT		
AULU		AFIN: 46-00237 P		ERMIT #: AR0048691			DATE: 1/15/2015		
ARKANSAS			COUNTY: 46 Miller			#: 082076	MEDIA: WN		
Dep	partment of Environmental Quality	GPS LAT: 33.503110 LONG: -94.017732			2 LOCATION: General Area				
	FACILITY INFORMAT	ION		IN:	SPEC	TION INFOR	MATION		
NAME NO LOCA	rth Texarkana POTW			FACILITY TYPE: 1 - Municipal	I - Municipal 26294 S - State				
1 mile north of Hwy 296 on Sanderson Lane				FACILITY EVALUATION RATING: INSPECTION TYPE: 5 - Satisfactory Compliance Evaluation					
Te:	xarkana, AR			DATE(S): ENTRY TIME: EXIT TIME:			PERMIT EFFECTIVE DATE:		
	RESPONSIBLE OFFIC	CIAL	_	1/15/2015 12:10 16:15 11/1/2009					
	:: / TITLE			PERMIT EXPIRATION DATE: 10/31/2014					
COME				FAYETTEVILLE	SHAL	E RELATED	: N		
	karkana Water Utilities			FAYETTEVILLE SHALE VIOLATIONS: N					
	Box 2008					TION PARTIC	CIPANTS		
	state, zip: xarkana TX 75504			NAME/TITLE/PHONE/FAX/EMAIL Donnie Crittend		peration Su	pervisor /		
	IE & EXT: / FAX:			Donnie Crittenden / Operation Supervisor / 903-277-6813					
90:	3-798-3821 /			Sue Townsend / Operations Manager / 903-701-7606					
EMAII	:			Robert Hearon / Operator / 870-774-0611					
CC	NTACTED DURING INSPECTION:	No							
	(S=S:	atisfac		LUATIONS isfactory, N=Not Applicable/l	Evaluated)			
S	PERMIT	S	FLOW MEASUR	REMENT N STORMWATER			ATER		
M	RECORDS/REPORTS	S	LABORATORY		S				
S	OPERATION & MAINTENANCE	S		CEIVING WATER	N		IITORING PROGRAM		
S	SAMPLING	S	SLUDGE HAND	NDLING/DISPOSAL N PRETREATMENT					
S	OTHER: Effluent Limits		CLIMMA DV C	OF FINDINGS					
Th	e facility is not including the nam	Δ Of			IR as i	required by	Part III C 5 of the		
	rmit.	C 01	the outside labe	oratory on the Div	iix as i	equired by	r art iii, o, o or the		
GENERAL COMMENTS									
Time was spent with Donnie Crittenden and Sue Townsend concerning TWU getting signed up for NetDMR.									
	7 10:40								
INS	SPECTOR'S SIGNATURE:	/ん Red Smith				DATE: 1/30/2015			
	V.	~ ~	: MSC.1.						
SU	PERVISOR'S SIGNATURE:	~ ,	Kerri McCabe			DATE: 2/2/2015			

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:	Øy □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: The name of the outside laboratory was not being included on the DMRs.	
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:	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	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S ☐M ☐U ☐NA ☐NE
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 □m □u □na □ne
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	Øs □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	☑S □M □U □NA □NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	Øs □m □u □na □ne
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:	☑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 Øn □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n ☑na □ne

SECTION D: SAMPLING								
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE							
DETAILS:								
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:	MY ON ONA ONE							
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	MY ON ONA ONE							
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							
	DI DI BIA DIL							
SECTION E: FLOW MEASUREMENT								
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	ØS DM DU DNA DNE							
DETAILS:								
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: Milltronics	Hydro ☑Y □N □NA □NE							
Ranger with 9 inch Parshall Flume								
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	Øy □N □NA □NE							
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	Øy □N □NA □NE							
4. CALIBRATION FREQUENCY ADEQUATE:	Øy □n □na □ne							
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	Øy □n □na □ne							
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	MY ON ONA ONE							
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	MY ON ONA ONE							
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. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	MY ON ONA ONE							
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: Pace Analytical								
b. LAB ADDRESS: 400 W. Bethany Drive, Suite 190 Allen, TX 75013								
c. PARAMETERS PERFORMED: TDS, Sulfates								
8. BIOMONITORING PROCEDURES ADEQUATE:	OY ON MA ONE							
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							

SECTION O	<u> </u>	<u> </u>	ATERS OBSERV	<u> </u>	00237, 1 CITIIIC#. A						
	N VISUAL OBS	⊠S □M □U □NA □NE									
DETAILS:											
OUTFALL #: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS COLOR OTHER											
001							NA NA				
						clear					
SECTION H: SLUDGE DISPOSAL											
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS ØS DM DU DNA DNE											
DETAILS:											
1. SLUDGE N	MANAGEMENT ADEQU	JATE TO MAINTAIN E	FFLUENT QUALITY:			⊠s □m	□U □NA □NE				
2. SLUDGE R	ECORDS MAINTAINE	D AS REQUIRED BY	40 CFR 503:			⊠s □m	□u □na □ne				
3. FOR LAND	APPLIED SLUDGE, T	YPE OF LAND APPL	IED TO: (E.G., FORES	T, AGRICULTURAL, PU	IBLIC CONTACT SITE):						
SECTION I	SAMPLING IN	ISPECTION PR	OCEDURES								
SAMPLE F	RESULTS WIT	HIN PERMIT	REQUIREMEN	TS			IU ⊠NA □NE				
DETAILS:											
1. SAMPLES	OBTAINED THIS INSF	PECTION:				□Y	□n ☑na □ne				
2. TYPE OF S	SAMPLE: GRAB:_	□COMPOSITE:	METHOD: FREQU	JENCY:							
3. SAMPLES	3. SAMPLES PRESERVED:										
4. FLOW PRO	4. FLOW PROPORTIONED SAMPLES OBTAINED:										
5. SAMPLE C	BTAINED FROM FAC	ILITY'S SAMPLING D	EVICE:			□Y	□N ☑NA □NE				
6. SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATU	IRE OF DISCHARGE:			□Y	□N ☑NA □NE				
7. SAMPLE S	PLIT WITH PERMITTE	EE:				□Y	□N ☑NA □NE				
8. CHAIN-OF	-CUSTODY PROCEDU	JRES EMPLOYED:				□Y	□N ☑NA □NE				
9. SAMPLES	COLLECTED IN ACCO	ORDANCE WITH PER	MIT:			□Y	□N ☑NA □NE				
			N PREVENTION								
}				EQUIREMENTS	6		U ⊠NA □NE				
DETAILS:	See inspection	n for ARR00C4	84 dated 1/15/20	<u>015.</u>							
1. SWPPP UP	PDATED AS NEEDED:	DATE OF LAST U	JPDATE:				□N ☑NA □NE				
	INCLUDING ALL DISC		ACE WATERS:				□N ☑NA □NE				
3. POLLUTIO	—: —										
4. POLLUTIO	POLLUTION PREVENTION TEAM PROPERLY TRAINED:										
5. LIST OF PO											
	OTENTIAL SOURCES						□N ☑NA □NE				
	STORM WATER DISCH	HARGES ARE AUTHO	ORIZED:				□N ØNA □NE				
	TRUCTURAL BMPS:						□N ☑NA □NE				
	ON-STRUCTURAL BM						□n Øna □ne				
11. INSPECTION	11. INSPECTIONS CONDUCTED AS REQUIRED:										

FLOW CALCULATION SHEET									
Date: 1/1	5/2015	Time: 1525							
Date. 171	3/2013	1111le. 1323							
Head in Inc	hes: 3.36	Feet: .2	28						
Type & Size	e of Primary Flov	v Measureme	nt Device:	9 inch	Parshal	II Flume)		
Name & Mo	odel of Secondar	y Flow Measu	rement D	evice:	Milltror	nics Hyd	dro Ranger		
Date of last	Calibration of So	econdary Floy	v Device:	Febr	uary 20	14			
		•			•				
Recorded F	Flow at Date & Ti	me Listed Abo	ove: .28	5 MGD		(Faci	lity Flow Meter)		
	Flow at Date & T			829	11	eth e un	\ \		
(Flow is calculat	ed using flow charts in:	ISCO Open Chan	inel Flow Mea	<u>surement</u>	Handbook-	-5 Edition)		
% Error =	Recorded Value - Calculated Value				00				
	Calc	culated Value							
% Error =	.285	L	2829	— X 1	00				
70 21101 -		.2829							
% Error =	.0021	X 100							
70 21101 -	.2829	7 100							
% Error =	.0074	X 100							
% Error =	.74	%							
Comments: In good shape though hard to get accurate reading on staff gauge due									
Comments.							UV disinfection		
	system.								

DMR Calculation Check

15

Reporting Period:	From	2014	1	1	_ To	2014	1	31		
		Year	Month	Day		Year	Month	Day		
Parameter Checked:	_	TSS	-							
		Loading			Concentration					
		Mass Mo. Avg Ibs/day			Monthly					
	Mo.				vg r	mg/l	7-day Avg	J mg/l		
Reported Value:		54.8			13.2			6		
Calculated Value: 54.8				13.2 19.6			6			

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

118.8

Permit Value:

22.5

McCabe, Kerri

From: TWU-McAllister, Sally <Mcallister@txkusa.org>

Sent: Thursday, February 26, 2015 2:53 PM

To: Water-Inspection-Report

Subject: Response to Red Smith Inspection Letter **Attachments:** ADEQ 022615-02262015144808.pdf

Please find the attached response letter from Mr. William D. King, Jr. regarding the North Texarkana POTW inspection in Miller County.

Sally McAllister Texarkana Water Utilities (903) 798-3860





Texarkana Water Utilities

801 Wood Street, P.O. Box 2008, Texarkana, Texas 75504

(903) 798-3800 Phone

(903) 791-0724 Fax

Thursday, February 26, 2015

Arkansas Department of Environmental Quality Water Division Inspection Branch 5301 Northshore Drive North Little Rock, AR 72218-5317

RE: NPDES Permit No. AR0048691

Texarkana Water Utilities would like to apologize for not responding to Mr. Smith's letter dated February 3, 2015 regarding his compliance inspection of the above referenced wastewater treatment plant.

Mr. Smith noted the following violation:

1. The facility is not including the name of the outside laboratory on the DMR as required by Part III, C, 5 of the permit.

The required information was included on the January 2015 discharge monitoring report and will be included on all future reports.

If you should have other questions or need additional information, please do not hesitate to call me at (903) 798-3821.

Sincerely,

William D. King, Jr.

Executive Director

sm

xc: Don Crittenden, Pollution Control Division Manager

Files



March 3, 2015

Mr. William D. King, Executive Director Texarkana Water Utilities PO Box 2008 Texarkana, TX 75501

RE: Response to Inspection (Miller Co)

AFIN: 46-00237 NPDES Permit No.: AR0048691

Dear Mr. King:

I have reviewed the response pertaining to my January 15, 2015 inspection of the North Texarkana POTW. The information provided sufficiently addresses the violations referenced in my 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 we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (870) 777-7585 ext. 2 or you may e-mail me at smithron@adeq.state.ar.us.

Sincerely,

Red Smith

District 7 Field Inspector

Pay Sith

Water Division