

December 18, 2012

Ken Johnson, Manager Pine Bluff Wastewater Utility 1520 South Ohio Street Pine Bluff, Arkansas 71601-6055

RE: Wastewater Treatment System Sanitary Sewer Collection System Industrial Stormwater "No Exposure Certification" Pretreatment Compliance System

AFIN: 35-00149

NPDES Permit No.: AR0033316 ISW Tracking No.: ARR000451

Dear Mr. Johnson:

On December 12, 2012, I conducted a routine compliance inspection of the wastewater treatment system in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. At the time of inspection, the facility appeared to be in compliance with the applicable regulations.

If I can be of any assistance, please contact me at (870) 247-5155 or e-mail at Henderson@adeq.state.ar.us.

Sincerely,

7. Henderson

Steven L. Henderson District 6 Inspector Water Division

cc: Water Division Enforcement Branch Water Division Permits Branch AFIN: 35-00149

\$	EPA																Form Approved OMB No. 2040-0003		
		UNII	ED ST	ATES ENV				TECTIO	N AGE	NCY									
	NPDE	5 (	יסח <sup>י</sup>		ashingtor Anc	,		ner	rtin	n l	Renoi	rt							
	NPDES Compliance Inspection Report       Section A: National Data System Coding																		
	Transaction Code			NPD								r/Mo/I	Day			Ins	pec. Type Inspector Fac. Type		
1	1 N 2 5 3 A R 0 0 3 3 3 1 6 11 12 1 2 1 2 1 2 1 7 18 Remarks											C 19 S 20 1							
												Reserved							
	67 69		7	70 <b>3</b>	ļ			71	Ν	72	<b>N</b> 73			74	75		80		
							Se	ction	B: Fa	cility									
	ne and Location of Facility Inspected and POTW name and NPDES permit			trial use	ers disc	charg	ing to	POT	W, also	)	Entry Tin ~8:30 a.u			2/2012	2		Permit Effective Date		
City	of Pine Bluff Wastewater Utility - miles from Highway 79 on Island I	- Boy	d Poi			Facili	ity										September 1, 2009		
900	Island Harbor Marina Road			i ina ixo	au						Exit Time/Date ~3:00 p.m. 12/12/2012			2		Permit Expiration Date			
Section 22, Township 5 South, Range 9 West Jefferson County, Arkansas										August 31, 2014									
Vin	ne(s) of On-Site Representative(s)/T cent Miles, Laboratory Supervisor cey Carpenter, Senior Lab Technic	•		e and Fa 535-082				243 Fa	ax								ner Facility Data <b>34 16' 17.89</b>		
	ne, Address of Responsible Official/		Phone	and Fax	Numb	ber											91 58' 21.17"		
Ker	a Johnson, Manager e Bluff Wastewater Utility			-6603								Con	tacted			AI	<u> R0033316 Inspection Only –</u>		
152	0 South Ohio Street										Yes		No	7		PDS# 069264			
rm	e Bluff, Arkansas 71601-6055										105		110			Ar	<u> RR000451 – PDS# 069267</u>		
			(	S = Sati							u <b>ring Insp</b> sfactory, N		t Eval	uated)					
S	Permit	S	Flo	w Meas	ureme	nt			S	Op	erations &	: Mair	tenar	ce		S	Sampling		
S	Records/Reports	S	Self	-Monito	oring F	Progr	am		S	Slu	dge Hand	ling/D	isposa	ıl		Ν	N Pollution Prevention		
S	Facility Site Review	Ν	Сог	nplianc	e Sche	dules			S	Pre	etreatment					Ν	Multimedia		
S	Effluent/Receiving Waters	S		oratory		of Fis	dina		S		rm Water tach additi		haata	if noo		S	Other: Effluent Limits		
	A routine inspection				-		-								-		rkansas Water and Air		
	-										-						gated thereunder. At the		
	time of inspection, th	e fa	cilit	y app	eare	ed t	o be	e in	com	plia	ance wi	th t	he a	ppli	cab	le r	egulations.		
	ne(s) and Signature(s) of Inspector(s					0			/Telep			(070)	247	195			Date		
ġ	an A. Handerm Steven L. He	nders	son			AD	ьų/	•• mte	: 11all/	(070)	247-5155	(070)	24/-3	103			December 13, 2012		
Signature of Reviewer Agency							Agency/Office/Phone and Fax Numbers							Date					

ADEQ Water NPDES Inspection
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Permit #: AR0033316

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	🗹 S 🗆 M 🗇 U 🗆 NA 🗇 NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	Øy 🗆n 🗆na 🗇ne
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:	Øy 🗆n 🗆na 🗆ne
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:	🗹 s 🗆 m 🗇 u 🗆 na 🗠 ne
a. DATES AND TIME(S) OF SAMPLING:	Øy 🗆n 🗆na 🗇ne
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:	Øy 🗆n 🗆na 🖾ne
g. DATES AND TIMES OF ANALYSES:	
h. NAME OF PERSON(S) PERFORMING ANALYSES:	
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	Øs 🗆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:	
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	ØS OM OU ONA ONE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	Øs Om Ou Ona One
2. TREATMENT UNITS PROPERLY MAINTAINED:	Øs 🗆m 🗇u 🖾na 🖾ne
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:	
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	Dy Dn Øna Dne

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	Øs □m □u □na □ne
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy 🗆n 🗆na 🗇ne
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:	
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	
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE:: 2' Par	shall Flume ØY ON ONA ONE
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	
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: Environmental Testing & Consulting, Inc. American Interplex	
b. LAB ADDRESS: 2790 Whitten Road, Memphis, Tennessee 38133-4753 8600 Kanis Road, Little R	Pock, Arkansas 72204
c. PARAMETERS PERFORMED: Bio-monitoring Nitrite plus Nitrate Nitrog	gen, Total Phosphorus
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:	
	<b></b>

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ADLQ	vvalei		inspection

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SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS													
BASED ON	N VISUAL OBS	ERVATIONS C	ONLY			Øs ⊡m							
DETAILS:													
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER						
001	None	None	None	None	None	Clear	None						
	•			•			<b>I</b>						
SECTION	H: SLUDGE	DISPOSAL											
SLUDGE D	SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS 🗹 S 🗆 M 🗆 U 🗆 NA 🗠 NE												
DETAILS:													
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:     ✓S □M □U □NA □NE													
2. SLUDGE R	ECORDS MAINTAINE	DAS REQUIRED BY 40	0 CFR 503:			⊡s [	∃m ⊡u ⊠na ⊡ne						
3. FOR LAND	APPLIED SLUDGE, T	PE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PUE	BLIC CONTACT SITE):								
SECTION	I: SAMPLIN	G INSPECTIO		JRES									
SAMPLE F	RESULTS WITH	HIN PERMIT R	EQUIREMENT	'S		□s □m							
DETAILS:													
1. SAMPLES	OBTAINED THIS INSPI	ECTION:					Dy On Ona Øne						
2. TYPE OF S	AMPLE: GRAB:		/ETHOD: FREQUE	NCY:									
4. FLOW PRO	PORTIONED SAMPLE	S OBTAINED:					DY ON ONA ØNE						
5. SAMPLE O	BTAINED FROM FACIL	LITY'S SAMPLING DE	/ICE:				□y □n □na Øne						
6. SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:				□y □n □na Øne						
7. SAMPLE S	PLIT WITH PERMITTEI	E:					DY ON ONA ØNE						
8. CHAIN-OF-	CUSTODY PROCEDU	RES EMPLOYED:					DY DN DNA ØNE						
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:				DY ON ONA ØNE						
SECTION	J: STORM W	VATER POLL	UTION PREV	<b>VENTION PL</b>	AN								
STORM W	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS	6	□s □m							
DETAILS:	No exposure	status											
	PDATED AS NEEDED:		DATE:				DY DN DNA ØNE						
2. SITE MAP	INCLUDING ALL DISCH	HARGES AND SURFA	CE WATERS:				DY DN DNA ØNE						
3. POLLUTIO	N PREVENTION TEAM	IDENTIFIED:					□y □n □na Øne						
4. POLLUTIO	N PREVENTION TEAM	PROPERLY TRAINED	):				□y □n □na Øne						
5. LIST OF PO	OTENTIAL POLLUTAN	F SOURCES:					DY ON ONA ØNE						
6. LIST OF PO	DTENTIAL SOURCES A	AND PAST SPILLS ANI	D LEAKS:				□y □n □na Øne						
7. ALL NON-S	STORM WATER DISCH	ARGES ARE AUTHOR	RIZED:				□y □n □na Øne						
8. LIST OF ST	RUCTURAL BMPS:						□y □n □na Øne						
9. LIST OF NO	ON-STRUCTURAL BMF	PS:					□y □n □na Øne						
10. BMPS PRC	PERLY OPERATED A	ND MAINTAINED:					□y □n □na Øne						
11. INSPECTIO	ONS CONDUCTED AS	REQUIRED:					□y □n □na Øne						
						1							

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FLOW CALCULATION SHEET												
Date: 12/	12/2012	Ti	me: <b>11:</b>	00 a.m.								
		•										
Head in Inches: 16.0 Feet: 1.33												
Type & Size of Primary Flow Measurement Device: 2' Parshall Flume												
Name & Model of Secondary Flow Measurement Device: ISCO 2410												
Name & Mi	Dael of Se	condary i		surement		ce:   <b>150</b>	0 241	0				
Date of last	t Calibratio	on of Sec	ondary F	low Devic	e: <b>Ap</b>	ril 10, 20	012					
Recorded F		to 9 Time	b listed /		.28			/ <b>_</b>				
Recolded r	-10w at Da			Above.	.20			(Facility Flow Meter)				
Calculated					7.76							
(Flow is calcula	ted using flow	charts in: IS	CO Open C	hannel Flow N	<u>Aeasure</u>	ement Handl	book-5 <sup>th</sup> E	dition)				
	Recorde	ed Value	- Calo	culated Va	alue	X 100						
% Error =		Calcul	ated Val	d Value								
	-	~~	1 1	7 70								
% Error =	1.1	28	7.76	7.76		X 100						
			1.10									
% Error =	-0.	.48	X 100									
70 Enor =	7.	76	X 100									
% Error =	-0.0	)618	X 100									
	0.0											
% Error =	-6.	.18	%									
Commonto	.											
Comments	•											

ADEQ Water NPDES	Inspection	AFIN	l: 35-00149		Pe	Permit #: AR0033316			
		DN	AR Calculat	tion Chee	ck				
<b>Reporting Period:</b>	From		10	01		2012	10	31	
		Year	Month	Day		Year	Month	Day	
Parameter Checked:		TSS	_						
	]	Loading Mass					ntration nthly		
	Mo. A	Avg lbs/	/day	Mo. A	vg	mg/l	·	g mg/l	
<b>Reported Value:</b>					60				
Calculated Value:					60		67		
Permit Value:					90		135	5	

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