

January 9, 2015

Ken Johnson, Manager Pine Bluff Wastewater Utility 1500 South Ohio Street Pine Bluff, AR 71601-6055

RE: Boyd Point Wastewater Treatment Facility (Jefferson Co)

AFIN: 35-00149 NPDES Permit No.: AR0033316

ARR000451

Dear Mr. Johnson:

On December 9, 2014, I conducted a Compliance Evaluation Inspection (CEI), a Pretreatment Compliance Inspection (PCI), a Sanitary Sewer Overflow Inspection (SSO), and an Industrial Stormwater 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.

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

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

Sincerely,

Steven L. Henderson
District 6 Field Inspector

Water Division

	WATER DIVISION INSPECTION REPORT										
AFIN: 35-0			IN: 35-00149 PI	PERMIT #: AR0033316				DATE: 12/9/2014			
Δ	RKANSAS	COUNTY: 35 Jefferson PDS #: 081735			081735		MEDIA: WN				
Dep	partment of Environmental Quality	GF	S LAT: 34.27076	4 LONG: -91.972	538	LO	CATION: E	√ I: Entrance			
	FACILITY INFORMAT	101		IN:	SPE	CTIC	ON INFOR	MATION	l		
	yd Point Wastewater Facility			FACILITY TYPE: 1 - Municipal	cipal 26075 S - State						
	NTION: O Island Harbor Marina Road			4 - Satisfactory	FACILITY EVALUATION RATING: INSPECTION TYPE:						
	ne Bluff, AR			DATE(S): ENTRY TIME: EXIT TIME: 12/9/2014 09:00 16:00			EXIT TIME: 16:00	PERMIT EFFECTIVE DATE:			
	RESPONSIBLE OFFIC	CIAL	_	12/3/2014 0	9.00	,	10.00	9/1/20	09 PIRATION DATE:		
	E: / TITLE							8/31/2			
COMP	n Johnson, / Manager			FAYETTEVILLE	SHA	ALE	RELATED	: N			
	ne Bluff Wastewater Utility			FAYETTEVILLE	SHA	ALE '	VIOLATIO	NS: N			
	20 South Ohio Street					N PARTIC	CIPANTS	S			
CITY, STATE, ZIP:				Vincent Miles, L			ry Superv	isor			
Pine Bluff, AR 71601 PHONE & EXT: / FAX:				Stacey Carpent							
	0-535- 6603 /	, ,	,								
EMAII	다										
CONTACTED DURING INSPECTION: No											
	AREA EVALUATIONS (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)										
S	PERMIT (S=S	S	FLOW MEASUR				STORMWA	TER			
S	RECORDS/REPORTS	S					SITE REVIEW				
S	OPERATION & MAINTENANCE	S	EFFLUENT/REC	CEIVING WATER	;				G PROGRAM		
S	SAMPLING	S	SLUDGE HAND	LING/DISPOSAL	,	SF	PRETREAT	TMENT			
S	OTHER: SSO										
SUMMARY OF FINDINGS											
At the time of inspection, the facility was in compliance with the applicable regulations.											
GENERAL COMMENTS											
NPDES permit renewal is pending USEPA Region 6 approval. The inspection was conducted under the expired											
permit conditions.											
INSPECTOR'S SIGNATURE: Steven J. Honderson DATE: 1/8/2015 SUPERVISOR'S SIGNATURE: Kerri McCabe DATE: 1/8/2015						1/8/2015					
MSC /											
	Jan Mary										
LSU	SUPERVISOR'S SIGNATURE:Kerri McCabe DATE: 1/8/2015										

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:	⊠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:	
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:	⊠y □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:	⊠s □m □u □na □ne
2. TREATMENT UNITS PROPERLY MAINTAINED:	⊠s □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:	Øs □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	Øs □m □u □na □ne
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	□Y □N ☑NA □NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	Øy □n □na □ne
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	Øy □n □na □ne
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	□Y ØN □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	OY ON WA 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 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	ØS DM DU DNA DNE							
DETAILS:								
SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	Øy □n □na □ne							
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy □N □NA □NE							
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	Øy □N □NA □NE							
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	Øy On Ona One							
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	Øy □n □na □ne							
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							
SECTION E: FLOW MEASUREMENT								
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE							
DETAILS:								
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 2' Parshall Flui	me ☑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: Last calibrated date: 5/18/2014	☑Y □N □NA □NE							
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE							
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	Øy □n □na □ne							
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	Øy □n □na □ne							
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	ØY □N □NA □NE							
9. HEAD MEASURED AT PROPER LOCATION:	Øy □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) :	☑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:	Øy □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: <u>Environmental Testing and Consulting, Inc.</u> <u>American Interplex</u>								
b. LAB ADDRESS: 2790 Whitten Road, Memphis, Tennessee 38133 8600 Kanis Road, Little Rock, Arkansas 72	204							
c. PARAMETERS PERFORMED: Bio-monitoring Nitrite plus Nitrate Nitrogen, Total Phospho	orus							
8. BIOMONITORING PROCEDURES ADEQUATE:	☑Y □N □NA □NE							
a. PROPER ORGANISMS USED:	Øy □n □na □ne							
b. 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:	☑Y □N □NA □NE							

BASED ON VISUAL OBSERVATIONS ONLY DETAILS: OUTFALL#: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS COLOR OTHER O01 None None None None None Clear None SECTION H: SLUDGE DISPOSAL SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS SUBJECTED RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE): SECTION I: SAMPLING INSPECTION PROCEDURES SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS SAMPLE: GRABL: GRABL: GRABL: GRABL: GRABL: GRABL: GRABLE: GRABL: GRABLE: GRABL: GRABLE: GRAB							
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STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS							
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS							
DETAILS: No-Exposure status							
DE ITALO. NO ENDOSUIG SIGIUS							
1. SWPPP UPDATED AS NEEDED: DATE OF LAST UPDATE: □Y □N □NA ☑NE							
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:							
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:							
ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:							
LIST OF STRUCTURAL BMPS:							
8. LIST OF STRUCTURAL BMPS:							
8. LIST OF STRUCTURAL BMPS: 9. LIST OF NON-STRUCTURAL BMPS: 1 Y IN INA VINE							

		FLOW CA	ALCULATIO	N SHEET				
Date: 12/	9/2015	11:00						
Head in Inc	hes: 15 "	Feet:	1.30					
Type & Siz	e of Primary Fl	ow Measuren	nent Device:	2' Parsha	II Flume			
Name & Mo	Name & Model of Secondary Flow Measurement Device: ISCO 2410							
Date of last Calibration of Secondary Flow Device: 5/18/2014								
Recorded Flow at Date & Time Listed Above: 7.74 (Facility Flow Meter)								
Calculated Flow at Date & Time Listed Above: 7.76 (Flow is calculated using flow charts in: ISCO Open Channel Flow Measurement Handbook-5 th Edition)								
1. Total to delicated doing from charte in 1000 open charmer from meader-official tandbook of Edition)								
% Error =		alue - Cald		e X 100				
	<u> </u>			l				
% Error =	7.74	7.76	7.76	X 100				
		7.70						
% Error =	-0.02	X 100						
	7.76							
% Error =	-0.0025	X 100						
% Error =	-0.257	%						
Comments	:							

Inspection Report: **Boyd Point Wastewater Facility**, AFIN: **35-00149**, Permit #: **AR0033316 DMR Calculation Check**

Reporting Period:	From	2014	10	01	_ To	2014	10	31			
		Year	Month	Day		Year	Month	Day			
Parameter Checked:		TSS	_								
		Loading		Concentration Monthly							
	Mo.	Mass Avg Ibs/	day	Mo. A	vg ı		7-day Avg mg/l				
		J	•		Ū	J	, ,	J			
Reported Value:					61		81				
Calculated Value:					61		81				
Permit Value:					90		135				

EQUAL

If calculated value does not equal reported value, explain: