

March 17, 2010

John Morgan, Acting Plant Manager Hot Springs Power Plant 410 Henderson Road Malvern, Arkansas 72104

RE: AFIN: 30-00337 NPDES Permit No.: AR0049611

Dear Mr. Morgan:

On March 12, 2010, I performed a routine compliance inspection of the waste water treatment 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. This inspection revealed that you are in compliance with the terms of your permit.

If I can be of any assistance, please contact me at 501-520-0541.

Sincaraly

Jim McSwain

District 7 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460							Form Approved OMB No. 2040-0003				
•	SEPA NPDES Compliance Inspection Report										
Section A: National Data System Coding									•		
							pec. Type Inspector Fac. Type C 19 S 20 2				
Remarks							Reserved				
	07 1 07			Section 1		l cility					
incli	ne and Location of Facility Inspected ude POTW name and NPDES permit Springs Power Company, LL	num					Entry Time/Date 0915 on 3/12/10		Permit Effective Date April 1, 2004		
	Henderson Road off of Hwy. 27 Springs, AR	70 W	est of				Exit Time/Date 1130 on 3/12/10		Permit Expiration Date March 31, 2009		
Nan	ne(s) of On-Site Representative(s)/T	tle(s)	/Phone and Fax Num	aber(s)				Otl	ner Facility Data		
Joh	n Morgan – Acting Plant Manag	er. –	501-467-3232 ext	104				J			
Nan	ne, Address of Responsible Official/	Γitle/	Phone and Fax Numb	per							
Joh	n Morgan – Acting Plant Man	ager	- 501-467-3232				Contacted				
	Henderson Road lvern, Arkansas 72104						Yes No No				
1714	Telli, minulisus 72104		Cont	tion C. Amag Ex	aluet	od Dr	uring Inspection				
							isfactory, N = Not Evaluated)				
S	Permit	S	Flow Measuremen	nt	S	Ope	erations & Maintenance	N	Sampling		
S	Records/Reports	S	Self-Monitoring P	Program	N	Slu	ndge Handling/Disposal	N	Pollution Prevention		
S	Facility Site Review	N	Compliance Scheo	dules	N N	1	etreatment	N S	Multimedia		
3	Effluent/Receiving Waters	S	Laboratory	of Findings/Com	- '		orm Water tach additional sheets if necessar		Other: DMR'S		
NO VIOLATIONS NOTED DURING THIS INSPECTION.											
Name (a) and Signature (a) and the same of								Date			
	ne(s) and Sign tule(s) of Inspector	<i>,</i>		Agency/Office/Telephone/Fax AR Dept. of Environmental Quality – Hot Springs Field Office – 501-520-0541 – Fax 501-520-5978			nental Quality – Hot Springs Fiel	3/15/10			
	- <i>U</i> -			Office - 501-520-0541 - Fax 501-520-5770				0,20,20			
Signature of Reviewer				Agency/Office/Phone and Fax Numbers			Date				

ADEQ Water NPDES Inspection	AFIN: 30-00337	Permit #: AR0049611

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:	Øy □n □na □ne
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
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:	Øy □n □na □ne
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	Øy □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:	☑s ☐m ☐u ☐na ☐ne
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	⊠s □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	☑s ☐m ☐u ☐na ☐ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	⊠s □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:	☑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 Øn □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

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SI	ECTION D: SAMPLING	
PE	ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
	ETAILS:	
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	Øy □n □na □ne
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	⊠y □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 □n □na □ne
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	Øy □n □na □ne
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:	Øy □n □na □ne
a	a. SAMPLES REFRIGERATED DURING COMPOSITING:	⊠y □n □na □ne
b	D. PROPER PRESERVATION TECHNIQUES USED:	Øy □n □na □ne
C	: CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	Øy □n □na □ne
7.	IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	□Y □N ØNA □NE
SI	ECTION E: FLOW MEASUREMENT	
	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
	ETAILS:	
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: V-notch weir	Øy □n □na □ne
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: 2/year. Last performed 10/15/09	☑Y □N □NA □NE
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE: MONTHLY	Øy □n □na □ne
7.	FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y □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
SI	ECTION F: LABORATORY	
	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	⊠S □M □U □NA □NE
	TAILS:	
1.	EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	Øy □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:	Øy □n □na □ne
6.	SPIKED SAMPLES ARE ANALYZED >10% OF THE TIME:	Øy □n □na □ne
7.	COMMERCIAL LABORATORY USED:	⊠y □n □na □ne
a	a. LAB NAME: Arkansas Analytical	
	D. LAB ADDRESS: Little Rock, Arkansas	
C	: PARAMETERS PERFORMED: TSS, Oil and Grease	
8.	BIOMONITORING PROCEDURES ADEQUATE:	Øy □n □na □ne
	a. PROPER ORGANISMS USED:	Øy □n □na □ne
	D. PROPER DILUTION SERIES FOLLOWED:	Øy □n □na □ne
	: PROPER TEST METHODS AND DURATION:	Øy □n □na □ne
	I. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	Øy □n □na □ne

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SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS									
BASED ON VISUAL OBSERVATIONS ONLY								U 🗆 NA	□NE
DETAILS:									
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLO	OR .	ОТН	IER
001	None	None	None	None	None	Clea	ar		
01A	None	None	None	None	None	Clea	ar		
01B	None	None	None	None	None	Clea	ar		
CECTION	II. OLUBOT	DICROCAL							
	H: SLUDGE		EOLUDEMENT	TC		Пог	184 🖂		EZINE.
DETAILS:	JISPOSAL IVIED	E 13 PERIVITI R	CEQUIREIVIEN	13			и п	U □NA	MINE
	ANAGEMENT ADEQU	ATE TO MAINTAIN EE	FILIENT OLIALITY:				Іс Пм	□u □n	A DNE
	ECORDS MAINTAINED								
	APPLIED SLUDGE, TY			AGRICULTURAL. PUE	BLIC CONTACT SITE):	<u>-</u>			
			- (- , ,		,				
SECTION	I: SAMPLIN	G INSPECTION	N PROCEDI	JRES					
	ESULTS WITH					□s □	<u></u>	U DNA	ØNE
DETAILS:									
1. SAMPLES	OBTAINED THIS INSPE	ECTION:					□Y		A DNE
2. TYPE OF S	AMPLE: □GRAB:	□COMPOSITE: N	METHOD: FREQUE	NCY:					
3. SAMPLES PRESERVED:									A □NE
4. FLOW PROPORTIONED SAMPLES OBTAINED:									A □NE
5. SAMPLE O	5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:								
6. SAMPLE R	EPRESENTATIVE OF	OLUME AND NATUR	E OF DISCHARGE:				□Y		A DNE
7. SAMPLE SI	PLIT WITH PERMITTE	≣:					□Y		A DNE
8. CHAIN-OF-	CUSTODY PROCEDUI	RES EMPLOYED:							
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:				□Y		A DNE
	J: STORM V								
	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS]M □	U □NA	ØNE
DETAILS:						T			
1. SWPPP UPDATED AS NEEDED: DATE OF LAST UPDATE:									
	NCLUDING ALL DISCH		CE WATERS:						
3. POLLUTION PREVENTION TEAM IDENTIFIED:									
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:									
	RUCTURAL BMPS:	20							
9. LIST OF NON-STRUCTURAL BMPS:									
BMPS PROPERLY OPERATED AND MAINTAINED: INSPECTIONS CONDUCTED AS REQUIRED:									
II. INSPECTIO	INS CONDUCTED AS I	ZEWUIKED:					ЦҮ	□n □n	A LINE

DMR Calculation Check

Reporting Period: From 09 12 01 To 09 12 31 Year Month Day Year Month Day

Parameter Checked: pH

	Loading Mass	Concentration Monthly			
	Mo. Avg lbs/day	Minimum	Maximum		
Reported Value:		6.72	7.55		
Calculated Value:		6.72	7.55		
Permit Value:		6.0	9.0		

If calculated value does not equal reported value, explain: