

December 18, 2008

Mr. Hugh Harrison, General Manager Clarksville Light & Water Company P.O. Box 1807 Clarksville, AR 72830

AFIN: 36-00038 NPDES Permit No.: AR0022187

Dear Mr. Harrison:

On December 4 & 5, 2008, Amy Beck and 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 the following violation:

Reviewed records indicated that the parameters of dissolved oxygen, pH and fecal coliform were only sampled twice in the first week of September, 2008. Your permit requires that these parameters be sampled three times per week. This is a violation of Part I.A of your permit. If an intended sample day falls upon a holiday, provisions should be made to conduct the required sampling on an alternate day of that week.

The above items require your immediate attention. Please submit a written response to these findings to the Water Division Enforcement Branch of this Department. This response should contain detailed documentation describing the course of action taken to correct the items noted. This corrective action should be completed as soon as possible, and the written response is due by January 9, 2009.

For additional information you may contact the enforcement branch by telephone at 501-682-0639 or by fax at 501-682-0910.

If I can be of any assistance, please contact me at 479-968-7339.

Sincerely,

Greg Kremers

District 5 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

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		UNIT	ΓED STAT					ECTIO	ON AGE	NCY														
	NPDES Compliance Inspection Report																							
					S	Sectio	n A: N	Vatio	onal D	ata S	ystem Co	din	g											
Transaction Code								pec. Type Inspector Fac. Type C 19 S 20 1																
									Remai	rks														
	Inspection Work Days 67 0 0 2 69]	Facility 70	1 1	ion R	ating		71	BI N	72	QA N 7	3			74	75		Reserv	ed				80	
							Sec	tion	B: Fa	cility	Data													
incli	ne and Location of Facility Inspected and POTW name and NPDES permi. rksville Light and Water Pollution	numi	ber)		s disc	hargi	ng to l	POT	W, also	9	Entry 7 0930 /							Permit Effective Date January 1, 2004						
	th Crawford, one mile south of I-4 7 & 8, T9N, R23W Johnson										Exit Ti 1510 /)8				Permit Expiration Date December 31, 2008						
Gre	ne(s) of On-Site Representative(s)/T gg Rainey / Pollution Control Fac en Bratton / Operator Pam Sn	ility S	Superint	tendent	/ 479	-754-	7929	Lab	Super	visor							Oth	er Fac	cility	Data				
Allen Bratton / Operator Pam Smith / Pre-treatment Coordinator & Lab Supervisor Name, Address of Responsible Official/Title/Phone and Fax Number Hugh Harrison General Manager Clarksville Light & Water Company P.O. Box 1807 Clarksville, AR 72830 479-754-6241																								
			(S	= Satisf							uring Institution			Eval	iated)									
S	Permit	S	Flow	Measur	reme	nt			S	Op	erations	& N	Main	tenan	ce		U	Sam	pling					
S	Records/Reports	M	Self-N	Monitor	ring F	Progra	am		S	Slu	udge Handling/Disposal				Pollution Prevention									
N	Facility Site Review	N	Comp	pliance	Sche	dules			N	Pro	retreatment				Multimedia									
S	Effluent/Receiving Waters	S		ratory	norv	of Fin	dinge	/Cor	N		orm Wate		nol el	hoote	if noc	occory		N Other:						
un oth <u>See</u> #5 per Mo	Due to the design of the plant and the addition of a new chlorine contact chamber, flow monitoring is performed prior to the final treatment unit. After the effluent flow is monitored, the water passes through the new chlorine contact chamber, dechlorinator and post aeration. All other samples are taken at the bottom of the aeration steps. The new permit should reflect this setup. Section D, Sampling: #5 – Reviewed records showed that effluent DO, pH and fecal coliform were sampled for only twice in the first week of September, 2008. The permit requires that three samples are taken per week. These parameters are consistently taken on Monday, Tuesday and Wednesday. Monday, September 1 was a holiday and no sample was taken on that day. Facility should make allowances for holidays that fall on sampling days by substituting another day during the week to conduct sampling.																							
Name(s) and Signature(s) of Inspector(s) Agency/Office/Telephone/Fax Arkansas Department of Environmental Quality /							Date)																
Gr	eg Kremers Grea	\~e,	men						_		7339 / 4				zuali	ιy /		December 18, 2008						
	Ó																							
Sign	nature of Reviewer					Age	ency/C	Offic	e/Phon	ne and	Fax Nun	nber	rs.					Dat	e					

AFIN: **36-00038**

Permit #: AR0022187

ADEQ Water NPDES Inspection

ADEQ Water NPDES Inspection	AFIN: 36-00038	Permit #: AR0022187

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	☑S □M □U □NA □NE
DETAILS:	
CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	✓Y □N □NA □NE
NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	
NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑Y □N □NA □NE
4. ALL DISCHARGES ARE PERMITTED:	ØY □N □NA □NE
4. ALL DIOCHAROLO ARE I ERWITTED.	
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	MS LIM LO LINA LINE
ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	Øy □n □na □ne
SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	Øs □m □u □na □ne
	ØS □M □O □NA □NE ØY □N □NA □NE
a. DATES AND TIME(S) OF SAMPLING:	MY □N □NA □NE
b. EXACT LOCATION(S) OF SAMPLING:	
C. NAME OF INDIVIDUAL PERFORMING SAMPLING:	ØY □N □NA □NE
d. ANALYTICAL METHODS AND TECHNIQUES:	ØY □N □NA □NE
e. RESULTS OF CALIBRATIONS:	ØY □N □NA □NE
f. RESULTS OF ANALYSES:	ØY □N □NA □NE
g. DATES AND TIMES OF ANALYSES:	ØY □N □NA □NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	✓Y □N □NA □NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	ØS OM OU ONA ONE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	OS OM OU ONA MINE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	⊠y □n □na □ne
CECTION C. OPERATIONS AND MAINTENANCE	
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
TREATMENT UNITS PROPERLY OPERATED: TREATMENT UNITS PROPERLY MAINTAINED:	Øs Om Ou Ona One
2. TREATMENT UNITS PROPERLY MAINTAINED:	☑S □M □U □NA □NE ☑S □M □U □NA □NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	
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:	Øs □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:	ØY □N □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	ØY □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:	OY ON ONA MINE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□Y □N ☑NA □NE

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SI	ECTION D: SAMPLING	
	ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	□S □M ☑U □NA □NE
	ETAILS:	
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT: See Section D, Page 1	□y Øn □na □ne
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy □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:	⊠Y □N □NA □NE
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	□Y ☑N □NA □NE
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:	✓Y □N □NA □NE
a	a. SAMPLES REFRIGERATED DURING COMPOSITING:	⊠y □n □na □ne
t	D. 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
SI	ECTION E: FLOW MEASUREMENT	
	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
	ETAILS: 001 - Doppler in-line flow meter only 002 - 90° v-notch weir	
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 90° v-notch ((002)
2.	FLOW MEASURED AT EACH OUTFALL AS REQUIRED: See Section D, Page 1	□Y ☑N □NA □NE
3.	SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	⊠y □n □na □ne
4.	CALIBRATION FREQUENCY ADEQUATE:	☑Y □N □NA □NE
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	⊠y □n □na □ne
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	⊠y □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:	✓Y □N □NA □NE
9.	HEAD MEASURED AT PROPER LOCATION:	□y □n ☑na □ne
SI	ECTION F: LABORATORY	
	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S □M □U □NA □NE
	ETAILS:	
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:	☑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	a. LAB NAME: Huther and Associates, Inc.	
t	D. LAB ADDRESS: 1156 North Bonnie Brae, Denton, TX 76201	
(:. PARAMETERS PERFORMED: Biomonitoring	
8.	BIOMONITORING PROCEDURES ADEQUATE:	□Y □N □NA ☑NE
a	a. PROPER ORGANISMS USED:	□Y □N □NA ☑NE
t	D. PROPER DILUTION SERIES FOLLOWED:	□Y □N □NA ☑NE
0	:. PROPER TEST METHODS AND DURATION:	□Y □N □NA ☑NE
c	I. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□Y □N □NA ☑NE

ADEQ Water NPDES Inspection	AFIN: 36-00038	Permit #: AR0022187

SECTION	G: EFFLUEI	NT/RECEIVIN	IG WATERS	OBSERVATION	ONS					
BASED ON	VISUAL OBS	ERVATIONS C	ONLY			Øs □m	□U □NA □NE			
DETAILS:					•					
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER			
001	None	None	Minimal	None	None	Clear				
002					No discharge					
SECTION	SECTION H: SLUDGE DISPOSAL									
SLUDGE D	DISPOSAL ME	ETS PERMIT F	REQUIREMEN	TS		Øs □m	□U □NA □NE			
DETAILS:					<u>.</u>					
1. SLUDGE M	ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s [□M □U □NA □NE			
2. SLUDGE R	ECORDS MAINTAINED	O AS REQUIRED BY 4	O CFR 503:			⊠s [□M □U □NA □NE			
3. FOR LAND	APPLIED SLUDGE, TY	PE OF LAND APPLIE	D TO: Agricultural							
SECTION	I: SAMPLIN	G INSPECTION	ON PROCED	URES						
SAMPLE R	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S		□s □m	□U □NA ☑NE			
DETAILS:										
	OBTAINED THIS INSPE						□Y ØN □NA □NE			
2. TYPE OF S	AMPLE: GRAB:	□COMPOSITE: N	METHOD: FREQUE	ENCY:						
3. SAMPLES I	PRESERVED:						□Y □N ☑NA □NE			
4. FLOW PRO	PORTIONED SAMPLE	S OBTAINED:					□Y □N ☑NA □NE			
5. SAMPLE O	BTAINED FROM FACIL	LITY'S SAMPLING DE\	/ICE:				□Y □N ☑NA □NE			
6. SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:				□Y □N ☑NA □NE			
7. SAMPLE SI	PLIT WITH PERMITTER	E:					□Y □N ☑NA □NE			
8. CHAIN-OF-	CUSTODY PROCEDUI	RES EMPLOYED:					□y □n ☑na □ne			
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:				□Y □N ☑NA □NE			
	_									
				VENTION PLA						
	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS			□U ☑NA □NE			
DETAILS:						<u> </u>				
1. SWPPP UP	DATED AS NEEDED:	_ DATE OF LAST UP	DATE:				OY ON MA ONE			
2. SITE MAP I										
7. ALL NON-S		OY ON MA ONE								
8. LIST OF STRUCTURAL BMPS:										
	ON-STRUCTURAL BMF						OY ON MA ONE			
10. BMPS PRO		OY ON MA ONE								
11. INSPECTIO	ONS CONDUCTED AS I	KEQUIKED:					□Y □N ☑NA □NE			
1										

FLOW CALCULATION SHEET									
Date: 12	-4-2008 T	ime: 1020							
	,								
Head in In	ches: N/A	Feet: N/A							
Type & Size of Primary Flow Measurement Device: N/A									
1) 0 0 0 0 12	io or i filliary i fow	Wododiomont Bovico.	14/7						
Name & M	odel of Secondary	Flow Measurement De	evice: Polysonics SX40 Doppler						
Flowmete	r								
Date of las	t Calibration of Sec	condary Flow Device:	March 12, 2008						
Date of las	Calibration of Sec	Condary Flow Device.	Walcii 12, 2000						
Recorded	Flow at Date & Tim	ne Listed Above: 0.72	2 MGD (Facility Flow Meter)						
Coloulated	Flow at Date & Tir	me Listed Above: N/	/^						
			surement Handbook-5 th Edition)						
% Error =	Recorded Value	│ - │ Calculated Value ulated Value	e X 100						
	Calco	diated value							
% Error =		-	X 100						
70 E1101 =			7 100						
% Error =		X 100							
% Error =		X 100							
% Error =		%							
	Comments: Calibration check was not conducted by the inspector due to the type and								
location of	flow measuring devi	ce.							

DMR Calculation Check

Reporting Period: From 08 09 01 To 08 09 30

Year Month Day Year Month Day

Parameter Checked: TSS

	Loading Mass	Concentration Monthly				
	Mo. Avg lbs/day	Mo. Avg mg/l	7-day Avg mg/l			
Reported Value:	36.96	5.17	7.47			
Calculated Value:	36.957	5.17	7.466			
Permit Value:	250	15	23			

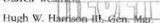
If calculated value does not equal reported value, explain:

043114

AFIN 36-00038

COMMISSIONERS

Christel Thompson Steven Sosebee Matt Wylie Eddie Lindsey DEC 3 0 2008 Darrell Weathers





P.O. Box 1807 • Phone (479) 754-3148 • Clarksville, Arkansas 72830

December 26, 2008

ADEQ Water Division, Enforcement Branch 5301 Northshore Drive N Little Rock, AR 72118-5317

Re: Permit # AR0022187

This letter is to respond to deficiencies found during the annual compliance inspection on December 4^{th} & 5^{th} this year of our POTW here in Clarksville.

We were notified that we sampled for D.O. pH and fecal coliform two times in the first week of September, 2008 instead of 3 times as required in the above captioned permit.

This procedural error has been corrected. Due to misinterpretation on our part, if a holiday fell on a scheduled sampling day, as it did on September 1, this year, we only sampled twice for the week.

We are now making changes so that there will always be 3 samples taken each week without regard to holidays.

If I can provide additional information please advise.

Thank you.

Hugh W. Marrison General Manager



January 5, 2009

Hugh W. Harrison, General Manager Clarksville Light and Water Company P.O. Box 1807 Clarksville, AR 72830

RE: Wastewater Treatment Facility and POTW, NPDES Permit No.: AR0022187,

AFIN: 36-00038, Response to Inspection

Dear Mr. Harrison:

The Department has received your response to the December 4th and 5th, 2008 routine compliance inspections of your facilities by our District Field Inspector, Greg Kremers. Your letter 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 company 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. Should you have any questions, feel free to contact me at 501-682-0632 or you may e-mail me at robertsa@adeq.state.ar.us. In any written correspondence to this Department, please refer to NPDES Permit AR0022187 and AFIN 36-00038.

Sincerely,

Anne Roberts

Enforcement Administrator

Water Division Enforcement Section