

June 25, 2009

Darrel Phillips, Assistant General Manager Paragould Light, Water and Cable WWTP P.O. Box 9 Paragould, AR 72450

RE: Waste Water Treatment Plant Inspection

AFIN: 28-00060 NPDES Permit No.: AR0033766

Dear Mr. Phillips:

On May 11 and 15, 2009, 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. At the time of the inspection, it appeared that you were incompliance with the terms of your permit.

If I can be of any assistance, please contact me at walker@adeq.state.ar.us or 870-935-7221 ext.-12.

Sincerely,

Brent L. Walker

District 3 Field Inspector

Bred & Walter

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

ADEQ Water NPDES Inspection	AFIN: « <b>AFIN</b> »	Permit #: «Permit »

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Section A: National Data System Coding  Transaction Code NPDES Yr/Mo/Day Inspe								ec. T	ype		Inspe	ctor	F	ac. Ty	/pe												
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L	Inspection Work Days		Facil	lity Ex	valuatio	n Rat	ina			BI		QA								Reserv	red	<u> </u>					
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								Sec	ction	B: Fa	cility	Data													_		
incli	ne and Location of Facility Inspected ade POTW name and NPDES permit agould Light, Water and Cable W	tnun	nber)	ustrial	l users d	dische	argin	ig to	POT	W, als	o	103	y Tin 0 5/1 0 5/1	1/200	9					Permit Effective Date 9/1/2004							
401 Grant Ln. Paragould, AR Greene Co.  Exit Time/Date 1620 5/11/2009 1615 5/15/2009								Permit Expiration Date 8/31/2009																			
								her Facility Data																			
Name, Address of Responsible Official/Title/Phone and Fax Number  Darrel Phillips/Assistant General Manager/870-239-7700  Paragould Light, Water and Cable WWTP  P.O. Box 9  Contacted																											
P.O. Box 9 Paragould, AR 72450 Yes No																											
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S	Permit	S	Fl		leasure					S	1	eratio						:	s	Sam	pling	ţ					
S	Records/Reports	S	Se	elf-Mo	onitorii	ng Pr	ogra	m		S	Slı	Sludge Handling/Disposal				:	S Pollution Prevention										
S	<b>Facility Site Review</b>	N	C	ompli	ance S	chedu	ıles			N	Pr	retreatment				N Multimedia											
S	Effluent/Receiving Waters	S		abora					.~	S		orm V							N	Othe	er:						
Section D: Summary of Findings/Comments (Attach additional sheets if necessary)																											
No violations were noted.																											
Nar	ne(s) and Signature(s) of Inspector(s	s)										ne/Fax nental Quality-Jonesboro						Date									
Brei	nt L. Walker Brest L Well	n										70) 93				U				Jun	e 25,	200	09				
						_																					
Sign	nature of Reviewer						Age	ncy/0	Office	e/Pho	ne and	l Fax I	Numbe	ers						Dat	e						

ADEQ Water NPDES Inspection AFIN: «AFIN» Permit #: «Permit_»			
	ADEQ Water NPDES Inspection	AFIN: « <b>AFIN</b> »	Permit #: «Permit_»

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:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	Øy □n □na □ne
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:	☑Y □N □NA □NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	Øy □n □na □ne
d. ANALYTICAL METHODS AND TECHNIQUES:	Øy □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:	Øy □n □na □ne
h. NAME OF PERSON(S) PERFORMING ANALYSES:	Øy □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:	Øy □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:	Øy □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 Øna □ne

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SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS:	
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:	☑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. 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: Rectan	gular weir  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:	☑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
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:	☑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: Arkansas State University Ecotoxicology Research Facility	
b. LAB ADDRESS: State University, AR	
c. PARAMETERS PERFORMED: Biomonitoring	
8. BIOMONITORING PROCEDURES ADEQUATE:	☑Y □N □NA □NE
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

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SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS										
BASED ON VISUAL OBSERVATIONS ONLY										
DETAILS:	1 VIOONE OBO	LICOTOR	SINET				J LINA LINE			
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER			
001	None	None	Low	None	None	Clear				
	110110	110110	2011	None	110110	Olou:				
						l	,			
SECTION	H: SLUDGE	DISPOSAL								
SLUDGE D	DISPOSAL ME	ETS PERMIT F	REQUIREMEN	TS		Øs □m □	U □NA □NE			
DETAILS:					1					
1. SLUDGE M	1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:									
2. SLUDGE R	2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:									
3. FOR LAND	3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE): Class A Biosolids - No Restrictions									
	SECTION I: SAMPLING INSPECTION PROCEDURES									
_	RESULTS WITH	IIN PERMIT R	EQUIREMENT	S			U ⊠NA □NE			
DETAILS:										
	OBTAINED THIS INSPI					□Y	□N ☑NA □NE			
2. TYPE OF SAMPLE: GRAB: GCOMPOSITE: METHOD: FREQUENCY:										
3. SAMPLES										
	PLIT WITH PERMITTEI						ON MNA ONE			
	CUSTODY PROCEDU						□N ☑NA □NE			
9. SAMPLES	D. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:									

7. SAMPLE SPLIT WITH PERMITTEE:	□y □n ☑na □ne
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:	□Y □N ØNA □NE
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:	□Y □N ØNA □NE
SECTION J: STORM WATER POLLUTION PREVENTION PLAN	
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS: Facility has a No-Exposure Exclusion ARR00C418	
SWPPP UPDATED AS NEEDED: DATE OF LAST UPDATE:	□Y □N ☑NA □NE
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:	□Y □N ØNA □NE
3. POLLUTION PREVENTION TEAM IDENTIFIED:	□Y □N ØNA □NE
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:	□Y □N ☑NA □NE
5. LIST OF POTENTIAL POLLUTANT SOURCES:	□Y □N ØNA □NE
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:	□Y □N ☑NA □NE
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:	□Y □N ØNA □NE
8. LIST OF STRUCTURAL BMPS:	□Y □N ☑NA □NE
9. LIST OF NON-STRUCTURAL BMPS:	□Y □N ☑NA □NE
10. BMPS PROPERLY OPERATED AND MAINTAINED:	✓Y □N □NA □NE
11. INSPECTIONS CONDUCTED AS REQUIRED:	□Y □N ØNA □NE

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		FLOW CA	LCULATION	SHEET				
A flow calibration check could not be performed due to the location and placement of the weir. Facility calibration checks were reviewed and indicate satisfactory flow measurement.								
Date:		Time:						
Head in Inc	hes:	Feet:						
Type & Size	e of Primary Fl	ow Measurem	ent Device:					
Name & Mo	del of Second	ary Flow Meas	surement Dev	vice:				
Date of last	Calibration of	Secondary Flo	ow Device:					
		•						
Recorded F	low at Date &	Time Listed A	bove:		(F	facility Flow Meter)		
		Time Listed A			- al. Eth E air			
(Flow is calculat	ed using flow charts	in: ISCO Open Ch	annei Fiow Measu	<u>irement Handb</u>	<u>00K-5</u> — <u>Edil</u>	<u>:10n)</u>		
% Error =		alue - Calc alculated Valu		X 100				
% Error =		-		X 100				
% Error =		X 100						
0/ <b>E</b> ##0#		V 100						
% Error =		X 100						
% Error =		%						
Comments:								
	1							

## **DMR Calculation Check**

Reporting Period: From 09 04 01 To 09 04 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:	193	6	<b></b> 5.5				
Calculated Value:	193	5.9	5.5				
Permit Value:	750	15	22.5				

If calculated value does not equal reported value, explain: Equal – difference due to rounding

## **DMR Calculation Check**

Reporting Period: From 09 04 01 To 09 04 30

Year Month Day Year Month Day

Parameter Checked: NH3-N

Loading Concentration **Monthly** Mass Mo. Avg. - lbs/day Mo. Avg. - mg/l 7-day Avg. - mg/l 18.00 **Reported Value:** 0.55 0.63 **Calculated Value:** 18 0.6 0.6 4 **Permit Value:** 200 6

If calculated value does not equal reported value, explain: Equal – difference due to rounding