	Form Approved OMB No. 2040-0003 Approval Expires 7-31-85						
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY					Approval Expires 7-51-65		
	Washington, D.C. 20460 NPDES Compliance Inspection Report						
S	Section A: National	Data System Coding	5		•		
Transaction Code NPDES yr/mo/day Inspect. Type Inspector Fac Type 1 N 2 5 3 A R 0 0 2 0 2 7 3 11 12 0 7 0 2 0 5 17 18 C 19 S 20 1							
A F I N 0 4 - 0 0 1 Inspection Work Days	Reserved						
67 69 70 5	ating BI 71 N	QA 72 N 73	74 75		80		
	Section B: F	acility Data			1		
Name and Location of Facility Inspected (For industrial users disc include POTW name and NPDES permit number)		Permit Effective Date 4-1-02					
City of Siloam Springs Pollution Control Plant 975 Anderson Ave Siloam Springs, AR 72761		Exit Time/I 1504 / 02-			Permit Expiration Date 3-31-07		
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Num	ber(s)			Oth	er Facility Data		
Tom Myers/Wastewater Superintendent/479-524-5623/479-524-46	553			Out	fall 001:		
Trevor Bowman/Public Works Director/4/9-5/4-5136/4/9-5/4-8513					5.19396 94.56398		
	tion C: Areas Evalu y, M = Marginal, U =						
S Permit S Flow Measuremen	nt S	Operations & Maintenance S		S	Sampling		
S Records/Reports S Self-Monitoring I	Program S	Sludge Handlin	g/Disposal	Ν	Pollution Prevention		
S Facility Site Review S Compliance Sche	edules N	Pretreatment		Ν	Multimedia		
S Effluent/Receiving Waters S Laboratory	Ν	Storm Water S			Other: Effluent Limits		
Section D: Summary	of Findings/Comme	nts (Attach addition	al sheets if necessar	y)			
During the course of this inspection, Discharge Monitoring Reports for 2006 were reviewed. No effluent limit violations were noted. The facility was found to be in compliance with the terms of its permit.							
Name(s) and Signature(s) of Inspector(s) Bruce Kirkpatrick		Telephone/Fax t. of Environmental Quality/ Jasper ph / 870-446-2181 fax			Date March 22, 2007		
Signature of Reviewer	Agency/Office/Ph	Agency/Office/Phone and Fax Numbers			Date		

EPA Form 3560-3 (Rev. 9-94) Previous editions are obsolete.

PERMIT NO.: AR0020273
SECTION A - PERMIT VERIFICATION
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS S M U NA (FURTHER EXPLANATION ATTACHED NO) DETAILS:
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE Trevor Bowman-Public Works Director
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES Y N N N
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT
4. ALL DISCHARGES ARE PERMITTED M Y N NA
SECTION B - RECORDKEEPING AND REPORTING EVALUATION
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. $\blacksquare S \Box M \Box U = NA (FURTHER EXPLANATION ATTACHED Yes)$ DETAILS:
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs.
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE.
a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING
b) NAME OF INDIVIDUAL PERFORMING SAMPLING
c) ANALYTICAL METHODS AND TECHNIQUES. ■ Y N NA
d) RESULTS OF ANALYSES AND CALIBRATIONS.
e) DATES AND TIMES OF ANALYSES.
f) NAME OF PERSON(S) PERFORMING ANALYSES. ■Y □ N NA
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. Contract Laboratory
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR.
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA.
SECTION C - OPERATIONS AND MAINTENANCE
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. $\blacksquare S \Box M U NA$ (Further explanation attached <u>No</u>) DETAILS: One of two final clarifiers was down for maintenance.
1. TREATMENT UNITS PROPERLY OPERATED.
2. TREATMENT UNITS PROPERLY MAINTAINED ■ S M U NA
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. (Standby Generator-manual switch over)
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. (Inventory not required-this is not 92-500 facility) S M U INA
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE.
STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED.
PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. Y N ■ NA

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	PERMIT NO.: AR0020273					
SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)						
9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS?	■Y N NA ■Y N NA ■Y N NA					
10.HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT?	□ Y ■ N NA Y □ N ■ NA					
SECTION D - SAMPLING						
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS.						
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT.	∎Y □N NA					
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES.	∎ Y □ N NA					
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT.	■ Y N NA					
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT.	■ Y N NA					
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT.	■ Y N NA					
6. SAMPLE COLLECTION PROCEDURES ADEQUATE	■ Y N NA					
a) SAMPLES REFRIGERATED DURING COMPOSITING.	■ Y N NA					
b) PROPER PRESERVATION TECHNIQUES USED.	■ Y N NA					
c) CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136	■ Y N NA					
7. IF MONITORING AND ANALYSES ARE PERFORMED MORE OFTEN THAN REQUIRED BY PERMIT, ARE THE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT?	■ Y □ N NA					
SECTION E - FLOW MEASUREMENT						
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS. S M U NA (FURTHE DETAILS: Flow is measured at the entrance of the chlorine contact chamber. This was addressed in the last inspection	R EXPLANATION ATTACHED No) and will be changed in the next permit.					
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. TYPE OF DEVICE <u>5 Ft Rectangular Weir without end contractions</u>	■Y N NA					
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED.	□ Y ■ N NA					
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED.	■ Y N NA					
4. CALIBRATION FREQUENCY ADEQUATE. (DATE OF LAST CALIBRATION <u>(1-17-07)</u> RECORDS MAINTAINED OF CALIBRATION PROCEDURES. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE.	■Y N NA ■Y N NA ■Y N NA					
5. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE.	■Y N NA					
6. HEAD MEASURED AT PROPER LOCATION.	■Y N NA					
7. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES.	■Y N NA					
SECTION F - LABORATORY						
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS.	ER EXPLANATION ATTACHED <u>Yes</u>)					
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES)	■Y N NA					
	PAGE 3 OF 4					

					PERMIT	PERMIT NO.: AR0020273			
SECTION F - LABOR	ATORY (CONT'D)								
2. IF ALTERNATIVE A	ANALYTICAL PROCED	OURES ARE USED, PR	OPER APPROVAL HA	AS BEEN OBTAINED		■Y□	■Y□N □NA		
3. SATISFACTORY C	ALIBRATION AND MA	INTENANCE OF INSTI	RUMENTS AND EQUI	PMENT.		∎S M □	∎S M □ U NA		
4. QUALITY CONTRO	L PROCEDURES ADE	EQUATE.				∎S M	∎S M U NA		
5. DUPLICATE SAMP	LES ARE ANALYZED.	<u>100_</u> % OF THE TIME				∎Y N	I NA		
6. SPIKED SAMPLES	ARE ANALYZED. 100	_% OF THE TIME.				∎Y N	∎Y N NA		
7. COMMERCIAL LAE	BORATORY USED.					∎Y N	N NA		
LAB NAME Environmental Testing American Interplex Corp. LAB ADDRESS 1702 East Central. Bentonville. AR 72712 8600 Kanis Road. Little Rock. A PARAMETERS PERFORMED Phosphorous, CBOD, NH ₃ -N, TSS Biomonitoring, Heavy Metals, SI									
SECTION G - (EFFLU	JENT)/RECEIVING WA	ATERS OBSERVATION	IS.	∎S M U NA	(FURTHER EXPLANATION	ATTACHED).		
Based on visual	observations on	ly.		I			[
OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER		
001	None	None	Slight	None	Trace	Clear			
Comments:									
SECTION H -									
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. Studge are disposed at a landfill in Oklahoma.									
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY.					∎S M U NA				
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503.				∎S M U	NA				
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: <u>N/A</u> (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)									
SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED NO									
1. SAMPLES OBTAIN	IED THIS INSPECTION	Ν.				Y∎N	I NA		
2. TYPE OF SAMPLE OBTAINED - N/A									
GRAB COMPOSITE SAMPLE METHOD FREQUENCY									
3. SAMPLES PRESERVED Y N					I ■ NA				
4. FLOW PROPORTIONED SAMPLES OBTAINED.					Y N	I ■ NA			
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE.					Y N	I ∎NA			
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE. Y N ■ NA					I ■ NA				
7. SAMPLE SPLIT WITH PERMITTEE. Y N ■NA						I ∎NA			
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED.					Y N	I ■ NA			
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N ■ NA						I ■ NA PAGE 4 OF 4			

FLOW CALCULATION SHEET

Field Data: Date _____ Time___1258 hrs._____

Head in feet _____

Type & Size of Primary Flow Measurement Device ______5 Ft Rectangular Weir without end contractions______ Name & Model of Secondary Flow Measurement Device ______ISCO Bubble Flow Meter, Model 3230______

Recorded Flow at date & time listed above <u>2.880 MGD</u>

Flows are calculated from flow charts taken from the <u>ISCO Open Channel Flow Measurement Handbook-5th</u> <u>Edition</u>

Calculated flow = 3.132 MGD

% error = <u>(recorded value - calculated value)</u> x 100 calculated value

% error = $_ \frac{2.880-3.132}{3.132} \times 100$

% error = **8**% (less than 10%, so ok)

DMR Calculation Check

Reporting Period: From	_06 _12	<u>01</u> To	06	<u>12</u> <u>31</u>		
Y	ear Month D	Day	Year Month	Day		
Parameter Checked: <u>TSS</u>						
	Loading Mass Mo. Avglbs/ (-	Concentration Monthly Mo. Avgmg/l 7-day Avgmg/l			
Reported Value:		245.9	8.	12	10.3	
Calculated Value:		246	8.1	10.3		
Permit Value:		734	20)	30	

If calculated value does not equal reported value, explain: N/A



March 22, 2007

Trevor Bowman, Public Works Director City of Siloam Springs P.O. Box 80 Siloam Springs, AR 72761

RE: AFIN: 04-00106; NPDES Permit No.: AR0020273

Dear Mr. Bowman:

On February 5, 2007, John Fazio, ADEQ District Field Inspector, and I performed a routine compliance inspection of your wastewater 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 there under. This inspection revealed that you were in compliance with the terms of your permit.

If I can be any assistance, please contact me at 870-446-6170.

Sincerely,

Cace Helpihit

Bruce Kirkpatrick District Field Inspector Water Division

cc: NPDES Permit Branch NPDES Enforcement Branch