

December 22, 2009

Rene Langston City of Springdale P.O. Box 769 Springdale, Arkansas 72765

RE: NPDES Permit Compliance Evaluation Inspection

AFIN: 72-00003 NPDES Permit No.: AR0022063

Dear Mr. Langston:

On December 17, 2009, I performed a routine compliance inspection of the Springdale 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 thereunder. This inspection revealed that the facility is operated in compliance with the conditions of the permit.

If I can be of any assistance, please contact me at 479-267-0811, ext. 16.

Sincerely.

John Fazio

District 1 Field Inspector

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

ADEQ Water NPDES Inspection AFIN: 72-00003 Permit #: AR0022063

9	EPA								Form Approved OMB No. 2040-0003
		UNIT		NMENTAL PROTECTION	N AGENC	CY			
NPDES Compliance Inspection Report									
	NI DE) (ompnar						
	Section A: National Data System Coding								
1	Transaction Code N 2 5 3 A R	0	NPDES 0 2 2	0 6 3 11	L	0	Yr/Mo/Day 9 1 2 1 7 17	Ins _l 18	pec. Type Inspector Fac. Type 19 S 20 1
		2	, ,	0 0 3	Remarks				
	Inspection Work Days 67 69]	Facility Evaluation 70 5	n Rating 71	BI N	72	QA] 	Reserved
				Section 1	B: Facil	lity	Data		
incl	ne and Location of Facility Inspected ade POTW name and NPDES permit of Springdale POTW						Entry Time/Date 1025 / 12-17-09		Permit Effective Date April 1, 2004
	O Silent Grove Rd. ingdale, Arkansas						Exit Time/Date 1615 / 12-17-09		Permit Expiration Date March 31, 2009 (new permit issuance pending)
Nan	Springdate, Arkansas 1615 / 12-17-09 March 31, 2009 (new permit issuance pending) Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Other Facility Data								
				Sharn, Onerator				On	ntfall 001
	Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Harold Hull, Superintendent, 479-756-3657 Jennifer Enos, Pretreatment Manager, 479-756-3657; Loren Sharp, Operator Name, Address of Responsible Official/Title/Phone and Fax Number Rene Langston, Executive Director, 479-751-5751 City of Springdale Other Facility Data Outfall 001 36 12' 49", -94 09' 48"								
Ren	Rene Langston, Executive Director, 479-751-5751								
	. Box 769	angston, Executive Director, 479-751-5751 Springdale ox 769 Contacted VALUE OF THE PROPERTY							
Spr	Springdale, Arkansas 72765 Yes No V								
				Section C: Areas Ev			uring Inspection sfactory, N = Not Evaluated)		
S	Permit	S	Flow Measure		a		erations & Maintenance	S	Sampling
S	Records/Reports	S	Self-Monitorin		-	•	dge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	S	Compliance So	_	NI		etreatment	N	Multimedia
S	Effluent/Receiving Waters	S	Laboratory				orm Water		Other:
	Diffuent Receiving Waters	Se		ry of Findings/Com			tach additional sheets if necessary	y)	- Culti-
Th	e permit has expired. Issuance of	the n	ew permit is pen	ling.			•		
	scharge Monitoring Reports and e re no permit effluent excursions d		-	-			-	_	ember and October of 2009. There each month.
	hough the permit requires total pl centration in each daily composit	•		•					
-	problem previously noted with the operly at the time of the inspection		filters was attrib	utable to a design f	law. T	Γhis	issue has been corrected, and the	e sand	l filters appeared to be operating
Naı	ne(s) and Signature(s) of Inspector(s)		Agency/Office/	Telepho	one/	Fax		Date
	617			AR Dept. of E	nvironn	nen	tal Quality-Fayetteville		12/22/09
١.,	19/			4/9-26/-0811,	ext. 16;	4/9	9-267-0819 (fax)		
Joh	n Fazio			+					
Sig	nature of Reviewer			Agency/Office	/Phone	and	Fax Numbers		Date

ADEQ Water NPDES Inspection	AFIN: 72-00003	Permit #: AR0022063

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:	☑Y □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:	Øy □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:	Øy □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:	
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: collection	
system only. 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	ØY □N □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	MY ON ONA ONE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS. 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	DY MN DNA DNE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□Y □N ☑NA □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, RESULTS ARE 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: 36" Page 1. Primary FLOW MEASUREMENT DEVICE: 36" Page 2. Primary FLOW	arshall Flume
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 2/04/09	☑Y □N □NA □NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE: weekly	☑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: American Interplex Huther & Associates, Inc Mer	cury 1 Limited
b. LAB ADDRESS: 8600 Kanis Rd., Little Rock, AR 72204 1156 N. Bonnie Brae, Denton, TX 76201 224	1 Pinnacle Pkwy, Suite B, Twinsburg, OH 49087
c. PARAMETERS PERFORMED: <u>Table II Organics, Table III Metals</u> <u>Biomonitoring</u> <u>Tab</u>	le III Mercury
8. BIOMONITORING PROCEDURES ADEQUATE:	ØY □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:	☑Y □N □NA □NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□y □n □na ☑ne

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CECTION	I.C. EEEI IIEI	NT/DECEN/IN	IC WATERS		ONC					
	NG: EFFLUEI			OBSEKVATIO	ONS					
	BASED ON VISUAL OBSERVATIONS ONLY DETAILS: no observed detrimental effects caused by POTW discharge.									
DETAILS:	no observed de	etrimental effec	ts caused by P	OTW discharge	<u>-</u>	_	T			
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER			
001	none	none	none	none	none	very light green	some algae growth			
SECTION	H: SLUDGE	DISPOSAL								
SLUDGE	DISPOSAL ME	ETS PERMIT F	REQUIREMEN	TS		⊠s □m □	U □NA □NE			
DETAILS:	Sludge is land	filled at Tontito	wn.		·					
1. SLUDGE	MANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s □м	□u □na □ne			
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: ✓S ☐M ☐U ☐NA ☐NE 2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: ☐S ☐M ☐U ☐NA ☐NE										
3. FOR LAN	O APPLIED SLUDGE, TY	YPE OF LAND APPLIE	D TO: (E.G., FOREST	, AGRICULTURAL, PUI	BLIC CONTACT SITE):					
SECTION	I: SAMPLIN	G INSPECTION	ON PROCED	URES						
SAMPLE	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S		□ѕ□м□	U □NA ☑NE			
DETAILS:					<u> </u>					
1. SAMPLES	OBTAINED THIS INSPI	ECTION:				□Y	□N □NA ☑NE			
2. TYPE OF	SAMPLE: GRAB:_	□COMPOSITE: N	METHOD: FREQUE	ENCY:						
2. TYPE OF SAMPLE: □GRAB: □COMPOSITE: METHOD: FREQUENCY: 3. SAMPLES PRESERVED: □Y □N □NA ☑NE										
4. FLOW PROPORTIONED SAMPLES OBTAINED:										
5. SAMPLE										
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:										
7. SAMPLE										
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:										
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:										
C. Same LEG Goldelo III A Control Cont										
SECTION	J: STORM V	WATER POLI	UTION PRE	VENTION PLA	AN					
	VATER MANAG					□s □м □	U □NA ☑NE			
DETAILS:										
1. SWPPP U	PDATED AS NEEDED:_	DATE OF LAST UP	DATE:			□Y	□n □na Øne			
2. SITE MAP	INCLUDING ALL DISCH	HARGES AND SURFA	CE WATERS:			□Y	□N □NA ☑NE			
3. POLLUTIO	ON PREVENTION TEAM	I IDENTIFIED:				□Y	□N □NA ☑NE			
4. POLLUTIO	ON PREVENTION TEAM	I PROPERLY TRAINED):			□Y	□N □NA ☑NE			
5. LIST OF F	OTENTIAL POLLUTANT	T SOURCES:					□N □NA ☑NE			
6. LIST OF F	POTENTIAL SOURCES A	AND PAST SPILLS AN	D LEAKS:				□N □NA ☑NE			
7. ALL NON-	STORM WATER DISCH	IARGES ARE AUTHOR	RIZED:				□N □NA ☑NE			
8. LIST OF S										
9. LIST OF N	ION-STRUCTURAL BMF	PS:					□N □NA ☑NE			
10. BMPS PR	OPERLY OPERATED AI	ND MAINTAINED:					□N □NA ☑NE			
11. INSPECT	ONS CONDUCTED AS	REQUIRED:					□N □NA ☑NE			
						<u> </u>				

FLOW CALCULATION SHEET									
Date: 12/	17/09	Time: 11:	10						
Head in Inc	hes: N/A	Feet:	1.48						
Type & Size of Primary Flow Measurement Device: 36" Parshall Flume									
Model 872	odel of Second FM Calibration of	•		,		sonic l	Flow N	∕leter,	
Recorded F	Flow at Date &	Time Listed A	Above: 1	3.95 MGD 14.33 MG	D			Flow Meter)	
% Error =	Recorded Va		culated Va						
% Error =	13.95	- 14.33	14.33	X 10	00				
% Error =	-0.38 14.33	X 100							
% Error =	-0.027	X 100							
% Error =	-2.7	%							
Comments:	Devices are	e within the a	acceptabl	e range.					

DMR Calculation Check

Reporting Period: From 09 08 01 To 09 08 31

Year Month Day Year Month Day

Parameter Checked: FCB

Loading **Concentration** Mass **Monthly** Mo. Avg. - lbs/day 7-day Avg. - mg/l Mo. Avg. - mg/l **Reported Value:** N/A 2 2 N/A **Calculated Value:** 200 400 **Permit Value:** N/A

If calculated value does not equal reported value, explain: <u>Equal</u>

DMR Calculation Check

Reporting Period: From 09 08 01 To 09 08 31

Year Month Day Year Month Day

Parameter Checked: CBOD

Concentration Loading Mass **Monthly** Mo. Avg. - lbs/day 7-day Avg. - mg/l Mo. Avg. - mg/l **Reported Value: 75** 0.9 **0.8 75** 0.8 0.9 **Calculated Value:** 2002 **Permit Value: 15 10**

If calculated value does not equal reported value, explain: <u>Equal</u>