

April 1, 2010

Thea Hughes Jacksonville Wastewater Utility 248 Cloverdale Road Jacksonville, AR 72076

RE: CEI, SSO and No Exposure Certification Inspection

NPDES Permit No.: AR0041335 and ARR000254 AFIN: 60-00543

Dear Ms. Hughes:

On March 25 and 26, 2010, I performed a routine compliance inspection, an SSO inspection and a No Exposure Certification 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 any assistance, please contact me at <u>keller@adeq.state.ar.us</u> or 501-682-0658.

Sincerely,

Dawn Keller

Inspector

Water Division

San Kel

cc: Water Division Enforcement Branch

Water Division Permits Branch

≎EPA

Form Approved OMB No. 2040-0003 Approval Expires 7-31-85

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460

NPDES Compliance Inspection Report

NPDES Compliance inspection Report																					
	Section A: National Data System Coding																				
1	Transaction Code N 2 5 3 A R	0	0 4	NPDES 1 3	3 5	11 12	1	0 0	r/Mo	o/Da	2	6 1		Insp 18	ec. Ty	ype	19	Inspec		1	. Туре
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	67 69		70	4		71 N	72	N 73	3			74 7	5							80	
					Sec	ction B: Fa	cility I	Data													
incli Jac	ne and Location of Facility Inspected ade POTW name and NPDES permit ksonville Wastewater Utility	t numl - J. A	er) Albert J o	ohnson .	<i>Plant-</i> Me	erge onto	[-40	Entry Ti 0930 a.r			25/20	10			Perm 11/0	nit Eff 1/07	fecti	ive D	ite		
	ake the I-440 exit 159 toward Ja AR-161exit 12 toward Rixey, tu d.							Exit Tin 1100 a.r			26/20	10			Perm	nit Ex ₁	pira	tion I	Date		
	ne(s) of On-Site Representative(s)/T	itle(s).	Phone an	d Fax Nun	nber(s)		I							Oth	er Fac		Data	ı			
	Zehtaban- Administrative Opera																				
Name, Address of Responsible Official/Title/Phone and Fax Number Thea Hughes- General Manager/ 501-982-0581 Jacksonville Wastewater Utility 248 Cloverdale Road Jacksonville, AR 72076 Contacted Yes No																					
								Yes	s✓	1	No										
			(S =		etion C: Ar c y, M = Mar			ring Ins _l	pecti	on											
		S			y, M = Max		Unsatis	ring Ins _l	pection	on Not I	Evalua	ted)		S	Samı	pling					
Jacl	ssonville, AR 72076	S	Flow M	Satisfactor	y, M = Mar nt	ginal, U =	Unsatis Ope	ring Insp factory, I	pection N = N	on Not I	Evalua enance	ted)		S		pling ution l	Prev	ventio	on		
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S S S	Permit Records/Reports Facility Site Review	S S	Flow M Self-Mo Compli Labora	Satisfactor [easureme onitoring l ance Sche tory	y, M = Mar nt Program	S S N N	Ope Sluce Pret Stor	ring Insp factory, I rations & lge Hand treatmen	pection N = N = N & Ma lling.out	on Not I ainte	Evalua enance posal	eted)	1 1	7	Pollu Mult	ition l		venti	on		
S S S S S	Permit Records/Reports Facility Site Review Effluent/Receiving Waters cility was in compliance of	S Sewith	Flow M Self-Mo Compli Labora ction D: S	Satisfactor feasurement on to ring I ance Schetory Summary	y, M = Mar nt Program dules of Findings	s S N N N S/Commen	Ope Sluce Pret Stor ts (Atta	ring Insp factory, 1 rations & dge Hand treatmen m Water ach addit	pection N = N = N & Ma lling, at r	on Not E ainte /Disp	Evalua enance posal	ted)	1 1	7	Pollu Mult	ition l		venti	on .		
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SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	☑S □M □U □NA □NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	Øy □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:	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:	☑y □n □na □ne
f. RESULTS OF ANALYSES:	Øy □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:	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:	Øs □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:	Øy □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:	ØY □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

SI	ECTION D: SAMPLING	
ΡI	ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DE	ETAILS:	
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y □N □NA □NE
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	ØY □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:	☑Y □N □NA □NE
á	a. SAMPLES REFRIGERATED DURING COMPOSITING:	Øy □n □na □ne
k	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:	Øy □n □na □ne
SI	ECTION E: FLOW MEASUREMENT	
PI	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DI	ETAILS:	
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 3' Parshall Flu	me ☑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:	Øy □n □na □ne
4.	CALIBRATION FREQUENCY ADEQUATE: Last calibration 03/25/2010	☑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	
PI	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DI	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:	Øy □n □na □ne
7.	COMMERCIAL LABORATORY USED:	Øy □n □na □ne
á	a. LAB NAME: American Interplex Corp.	
k	b. LAB ADDRESS: 8600 Kanis Road; Little Rock, AR 72204	
(c. PARAMETERS PERFORMED: priority pollutants, quarterly metals, and pretreatment program samples	
8.	BIOMONITORING PROCEDURES ADEQUATE:	□y □n □na ☑ne
á	a. PROPER ORGANISMS USED:	□y □n □na ☑ne
k	D. PROPER DILUTION SERIES FOLLOWED:	□Y □N □NA ☑NE
(2. PROPER TEST METHODS AND DURATION:	□Y □N □NA ☑NE
(d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	□Y □N □NA ☑NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS										
		VISUAL OBS			OBOLIVATION		И́с Пм П	U DNA DNE		
	TAILS:	VIOONE ODO	LICOTORIO	JIVET				O LINA LINE		
	JTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER		
	001	None	None	None	None	None	Clear	OTTER		
		None	None	None	None	Hone	Gicai			
SF	CTION	H: SLUDGE	DISPOSAL							
		DISPOSAL ME		REQUIREMEN	TS		Øs □м □	U DNA DNE		
	TAILS:	7101 007 (2 1112)		<u> </u>	10			O LIVA LIVE		
1.		ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s □m	□u □na □ne		
2.	SLUDGE R	ECORDS MAINTAINED	D AS REQUIRED BY 4	0 CFR 503:				□U □NA ☑NE		
3.	FOR LAND	APPLIED SLUDGE, TY	YPE OF LAND APPLIE	D TO: (E.G., FOREST	, AGRICULTURAL, PUI	BLIC CONTACT SITE):				
				·		<u> </u>				
SE	CTION	I: SAMPLIN	G INSPECTION	ON PROCED	URES					
SA	MPLE R	ESULTS WITH	IIN PERMIT R	EQUIREMENT	rs		□s □м □	U □NA ☑NE		
DE	TAILS:					1				
1.	SAMPLES	OBTAINED THIS INSPI	ECTION:				□Y	□N □NA ☑NE		
2.	TYPE OF S	AMPLE: ☐GRAB:	□COMPOSITE: I	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'	VICE:			□Y	□n □na ☑ne		
6.	SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:			□Y	□N □NA ☑NE		
7.	SAMPLE SI	PLIT WITH PERMITTEI	E:				□Y	□N □NA ☑NE		
8.	CHAIN-OF-	CUSTODY PROCEDU	RES EMPLOYED:				□Y	□n □na ☑ne		
9.	SAMPLES (COLLECTED IN ACCO	RDANCE WITH PERM	IIT:			□Y	□n □na ☑ne		
SE	CTION	J: STORM V	WATER POLI	LUTION PRE	VENTION PLA	AN				
ST	ORM W	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS	3		U ☑NA □NE		
DE	ETAILS:	No exposure C	<u>ertification</u>							
1.	SWPPP UP	DATED AS NEEDED:	DATE OF LAST UP	PDATE:			□Y	□N □NA □NE		
2.	SITE MAP I	NCLUDING ALL DISCH	HARGES AND SURFA	CE WATERS:			□Y	□N □NA □NE		
3.	POLLUTION	N PREVENTION TEAM	I IDENTIFIED:				□Y	□N □NA □NE		
4.	POLLUTION	N PREVENTION TEAM	PROPERLY TRAINE	D:			□Y	□N □NA □NE		
5.	LIST OF PO	DTENTIAL POLLUTANT	T SOURCES:				□Y	□N □NA □NE		
6.	6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:							□N □NA □NE		
7.	ALL NON-S	TORM WATER DISCH	IARGES ARE AUTHOR	RIZED:			□Y	□N □NA □NE		
8.	LIST OF ST	RUCTURAL BMPS:					□Y	□N □NA □NE		
9.	LIST OF NO	ON-STRUCTURAL BMF	PS:				□Y	□N □NA □NE		
10.	BMPS PRO	PERLY OPERATED A	ND MAINTAINED:				□Y	□N □NA □NE		
11.	INSPECTIO	NS CONDUCTED AS	REQUIRED:				□Y	□N □NA □NE		

FLOW CALCULATION SHEET

Date: 03/	25/2010	Time: <u>11:00</u>						
Head in Inc	ches:	Feet: 1.18						
Type & Size 3' Parshall	•	v Measurement D	evice:					
Name & Model of Secondary Flow Measurement Device: Milltronic Hydroranger Plus								
Recorded F	Flow at Date & Ti	me Listed Above:	9.91	_ (Facility Flow Meter)				
		ime Listed Above	: 10.05 ow Measurement Handbook-5 th	Edition)				
% Error =		e - Calculated culated Value	Value X 100					
% Error =	9.91	- 10.09 10.05	5 X 100					
% Error =	-0.14 10.05	— X 100						
% Error =	014	X 100						
% Error =	-1.4	%						
Comments	: <u>Within 10%</u>							

DMR Calculation Check

Reporting Period:	From	2009	11	01	To	2009	11	30
		Year	Month	Day		Year	Month	Day

Parameter Checked: CBOD

	Loading Mass		ntration nthly		
	Mo. Avg lbs/day	Mo. Avg mg/l	7-day Avg mg/l		
Reported Value:	96.1	2.0	2.6		
Calculated Value:	96.1	2.0	2.6		
Permit Value:	1027	10	15		

If calculated value does not equal reported value, explain:

DMR Calculation Check

Reporting Period:	From <u>2009</u>	11	01	To <u>2009</u>	11	
	Year	Month	Day	Year	Month	Day
Parameter Checked:	TSS	-				
	Loading Mass				ntration nthly	
	Mo. Avg lbs/d	lay	Mo. Av	/g mg/l	7-day Avg	mg/l
Reported Value:	43.4			.8	1.5	

Calculated Value: 43.4 .86 1.5

Permit Value: 1540 15 22.5

If calculated value does not equal reported value, explain: