

SECTION A - PERMIT VERIFICATION

PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED no)

1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE Y N NA
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES West Plant closed. Y N NA
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT Y N NA
4. ALL DISCHARGES ARE PERMITTED Y N NA

SECTION B - RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT.
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED no)

1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRs. Y N NA
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE. S M U NA
- a) DATES, TIME(S) AND LOCATION(S) OF SAMPLING Y N NA
- b) NAME OF INDIVIDUAL PERFORMING SAMPLING Y N NA
- c) ANALYTICAL METHODS AND TECHNIQUES. Y N NA
- d) RESULTS OF ANALYSES AND CALIBRATIONS. Y N NA
- e) DATES AND TIMES OF ANALYSES. Y N NA
- f) NAME OF PERSON(S) PERFORMING ANALYSES. Y N NA
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE. S M U NA
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR. S M U NA
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED.
DETAILS:

S M U NA (FURTHER EXPLANATION ATTACHED no)

1. TREATMENT UNITS PROPERLY OPERATED. S M U NA
2. TREATMENT UNITS PROPERLY MAINTAINED. S M U NA
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED. S M U NA
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. S M U NA
5. ALL NEEDED TREATMENT UNITS IN SERVICE. S M U NA
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. S M U NA
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. S M U NA
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE. Y N NA
- STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED. Y N NA
- PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED. Y N NA

SECTION C - OPERATIONS AND MAINTENANCE (CONT'D)

9. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR? Y N NA
 IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED? Y N NA
 HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS? Y N NA
10. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT? Y N NA
 IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT? Y N NA

SECTION D - SAMPLING

PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED yes).
 DETAILS:

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 136.3. 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 (FURTHER EXPLANATION ATTACHED no)
 DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. Y N NA
 TYPE OF DEVICE 3' Parshall Flume
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 6-16-06) Y N NA
 RECORDS MAINTAINED OF CALIBRATION PROCEDURES. Y N NA
 CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE. 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. S M U NA (FURTHER EXPLANATION ATTACHED no)
 DETAILS:

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(b) FOR SLUDGES) Y N NA

SECTION F - LABORATORY (CONT'D)

2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED Y N NA3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA4. QUALITY CONTROL PROCEDURES ADEQUATE. S M U NA5. DUPLICATE SAMPLES ARE ANALYZED. 10 % OF THE TIME. Y N NA6. SPIKED SAMPLES ARE ANALYZED. 10 % OF THE TIME. Y N NA7. COMMERCIAL LABORATORY USED. Y N NALAB NAME Arkansas Analytical, Inc.LAB ADDRESS 11701 I-30, Building 1, Suite 115; Little Rock, AR 72209PARAMETERS PERFORMED biomonitoring, Table II, Table IIISECTION G - EFFLUENT/RECEIVING WATERS OBSERVATION S M U NA (FURTHER EXPLANATION ATTACHED no).

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL.	COLOR	OTHER
001	none	none	none	none	none	clear	-

RECEIVING WATER OBSERVATIONS Appeared normal at this time.

SECTION H - SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS. S M U NA (FURTHER EXPLANATION ATTACHED no).
DETAILS:1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY. S M U NA2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503. S M U NA3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: landfill (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED NA).1. SAMPLES OBTAINED THIS INSPECTION. Y N NA2. TYPE OF SAMPLE OBTAINED NAGRAB COMPOSITE SAMPLE METHOD FREQUENCY 3. SAMPLES PRESERVED. Y N NA4. FLOW PROPORTIONED SAMPLES OBTAINED. Y N NA5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA6. SAMPLE REPRESENTATIVE OF VOLUME AND MATURE OF DISCHARGE. Y N NA7. SAMPLE SPLIT WITH PERMITTEE. Y N NA8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

DMR Calculation Check

Reporting Period: from 2006 08 01 to 2006 08 31
 Year Month Day Year Month Day

Parameter Checked: TSS

	<u>Quantity</u>	<u>Concentration</u>	
	<u>Loading</u>	<u>Monthly Average</u>	<u>7 Day Average</u>
	<u>Monthly Average</u>		
Reported Value:	22.3	0.6	1
Calculated Value:	22.3	0.6	1
Permit Value:	1540	15	23

If calculated value does not equal reported value, explain:

Same

Flow Calculation Sheet

Field Data: Date 10-23-06 Time 1115 hrs.

Head 0.7 Feet

Type & Size of Flow Monitoring Device: 3' Parshall Flume

Name & Model of Flow Monitoring Device: Polysonics – MSP90

Recorded Flow at date & time listed above: 4.53 MGD

Reference for Flow Calculations: Isco Open Channel Flow Measurement Handbook – 5th Ed.

Calculations:

0.7 Head Feet = 4.637 MGD

% error = $\frac{\text{Recorded value} - \text{calculated value}}{\text{calculated value}} (100)$

$\frac{4.53 \text{ MGD} - 4.637 \text{ MGD}}{4.637 \text{ MGD}} (100) = -2.3075 \% \text{ error}$

* Percent error was found to be within the + or – 10% error requirement.

ADEQ

A R K A N S A S
Department of Environmental Quality

October 24, 2006

Thea Hughes, Manager
Jacksonville Wastewater Utility
248 Cloverdale Rd.
Jacksonville, Arkansas 72076

Re: AFIN: No. 60-00543

NPDES Permit No. AR0041335

Dear Ms. Hughes:

On October 23, 2006, I performed a routine inspection of your 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 terms of your permit.

If you have any questions concerning this inspection, please feel free to contact me at (501) 682-0659.

Sincerely,



Zachary Watson
Inspector
Water Division

cc: NPDES Enforcement Branch



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

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

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code		NPDES										yr/mo/day			Inspec. Type	Inspector	Fac Type														
1	N	2	5	3	A	R	0	0	4	1	3	3	5	11	12	0	6	1	0	2	3	17	18	V	19	S	20	1			
Remarks																															
A F I N 6 0 - 0 0 5 4 3 P U L A S K I C O U N T Y																															
Inspection Work Days						Facility Evaluation Rating						BI	QA	Reserved																	
67																															80

Section B: Facility Data

Name and Location of Facility Inspected <i>(For industrial users discharging to POTW, also include POTW name and NPDES permit number)</i> Jacksonville Wastewater Utility – located at 248 Cloverdale Road in Jacksonville, AR	Entry Time /Date 1000 on 10/23/05	Permit Effective Date November 1, 2002
	Exit Time/Date 1430 on 10/23/05	Permit Expiration Date October 31, 2007
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Sam Zehtaban - Operations Manager / (501) 982-0581	Other Facility Data Major Mun. PL 92-500	
Name, Address of Responsible Official/Title/Phone and Fax Number Thea Hughes, Manager, 501-982-0581 Jacksonville Wastewater Utility 248 Cloverdale Rd. Jacksonville, AR 72076	Contacted Yes _____ No <input checked="" type="checkbox"/>	


Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)


N	Permit	N	Flow Measurement	N	Operations & Maintenance	S	CSO/SSO
N	Records/Reports	N	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
N	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	N	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

An SSO level inspection was performed along with a CEI inspection on 10/23/06. The facility was found to have updated several pump stations. East pump station was visited which had been totally updated with four new submersible pumps. Valentine pump station was visited. This pump station is in the process of being tied into a new satellite system, Valentine and Wooden POA collection system, which will add ~ 5 new pump stations that would discharge into the Valentine pump station. The General Samuels pump station was visited. All pump stations visited were in good working order and were being well maintained.

Name(s) and Signature(s) of Inspector(s) Zachary Watson 	Agency/Office/Telephone/Fax ADEQ / Little Rock / 501-682-0910	Date October 23, 2006
Signature of Management QA Reviewer	Agency/Office/Phone and Fax Numbers	Date

Arkansas Department of Environmental Quality (ADEQ) Official Photograph Sheet

Location:		Jacksonville WWTP and Collection System						
Photographer:		Zachary Watson			Witness:			
Photo #	1	Of	4		Date:	10/23/06	Time:	
Description:		New East Pump Station						
								
Photographer:		Zachary Watson			Witness:			
Photo #	2	Of	4		Date:	10/23/06	Time:	
Description:		Effluent into Bayou Meto						
		