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ADEQ

ARKANSAS
Department of Environmental Quality

September 11, 2006

Ken Fratesi, General Manager
West Helena Water Utilities
92 Plaza Street
West Helena, Arkansas 72390

Re: AFIN: 54-00086 NPDES Permit No. AR0022021

Dear Mr. Fratesi:

On September 8, 2006, I conducted 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 I can be of any assistance, please contact me at (870) 673-8846.

Sincerely,



District 6 Inspector
Water Division

cc: NPDES Enforcement Branch
NPDES Permit 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	2	2	0	2	1	11	12	0	6	0	9	0	8	17	18	C	19	S	20	1	
Remarks																													
A	F	I	N	5	4	-	0	0	0	8	6																		
Inspection Work Days				Facility Evaluation Rating				BI	QA	Reserved																			
67	0	0	1	69	70	3	71	N	72	N	73		74	75															80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time /Date	Permit Effective Date
City of West Helena WWTP End of Porter Street West Helena, Arkansas 72390 Section 10, Township 2 South, Range 4 East		9:00 a.m. September 8, 2006	October 1, 2002
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)		Exit Time/Date	Permit Expiration Date
Ken Fratesi, Water Utilities Manager, 870-572-6714 Ken Taylor, Class I Operator		1:30 p.m. September 8, 2006	September 30, 2007
Name, Address of Responsible Official/Title/Phone and Fax Number		Other Facility Data	
Ken Fratesi, Water Utilities Manager, 870-572-6714 West Helena Water Utilities 92 Plaza Street, West Helena, Arkansas 72390		Sample Location: N34 31'55.7" W90 40'18.3" Trimble GPS Coordinates recorded.	
Name, Address of Responsible Official/Title/Phone and Fax Number		Contacted	
Ken Fratesi, Water Utilities Manager, 870-572-6714 West Helena Water Utilities 92 Plaza Street, West Helena, Arkansas 72390		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

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

A routine inspection was conducted to determine compliance status with the Arkansas Water and Air Pollution Control Code, the federal Clean Water Act, the current NPDES Permit and the regulations promulgated thereunder. At the time of inspection, the facility appeared to be in compliance with the applicable regulations.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Steven L. Henderson	ADEQ/Stuttgart/870-673-8846/870-673-7236	September 11, 2006
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date
ddw		

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 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 Contract Laboratory S M U NA
- 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR S M U NE
- 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. 65 KW Generator S M U NA
- 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE. High Level Telephone Alarm on Pump Station S M U NA
- 5. ALL NEEDED TREATMENT UNITS IN SERVICE S M U NA
- 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED. 1 Class III, 1 Class I S M U NA
- 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED. Lagoon System S M U NE
- 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 NE

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. S M U NA (FURTHER EXPLANATION ATTACHED No)
 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 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.
 TYPE OF DEVICE 36" Rectangular Weir w/o contractions 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 February 17, 2006)
 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 NA
- 3 SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. S M U NA
- 4 QUALITY CONTROL PROCEDURES ADEQUATE S M U NA
- 5 DUPLICATE SAMPLES ARE ANALYZED, 10 % OF THE TIME Y N NA
- 6 SPIKED SAMPLES ARE ANALYZED, 10 % OF THE TIME. Y N NA
- 7. COMMERCIAL LABORATORY USED. Y N NA

LAB NAME McClelland Consulting Engineers, Inc Arkansas Analytical, Inc.
 LAB ADDRESS P.O. Box 34087, Little Rock, Arkansas 72203 11701 I-30, Bldg. 1, Suite 115, Little Rock, Ark. 72209
 PARAMETERS PERFORMED BOD, pH, TSS, Fecal Coliforms Acute Biomonitoring

SECTION G - (EFFLUENT)/RECEIVING WATERS OBSERVATIONS. S M U NA (FURTHER EXPLANATION ATTACHED _____).

Based on visual observations only.

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOAT SOL	COLOR	OTHER
001							

Comments: **No Discharge**

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 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: _____ (e.g., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE)

SECTION I - SAMPLING INSPECTION PROCEDURES (FURTHER EXPLANATION ATTACHED No)

- 1. SAMPLES OBTAINED THIS INSPECTION. Y N NA
- 2. TYPE OF SAMPLE OBTAINED - N/A

GRAB	COMPOSITE	SAMPLE	METHOD	FREQUENCY
- 3. SAMPLES PRESERVED. Y N NA
- 4. FLOW PROPORTIONED SAMPLES OBTAINED Y N NA
- 5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE. Y N NA
- 6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE Y N NA
- 7. SAMPLE SPLIT WITH PERMITTEE. Y N NA
- 8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED. Y N NA
- 9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT. Y N NA

* No Discharge, no calibration check.

FLOW CALCULATION SHEET

Field Data: Date: September 8, 2006 Time: _____

Head in Inches ___ =

Type & Size of Primary Flow Measurement Device

36" Rectangular Weir W/End Contraction

Name & Model of Secondary Flow Measurement Device

Polysonic - Poly Level ER 591

Recorded Flow at date & time listed above:

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

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

$$\% \text{ error} = \frac{(\text{gpm} - \text{gpm})}{\text{gpm}} \times 100$$

% error =

DMR Calculation Check

Reporting Period: From 2006 06 01 To 2006 06 30
Year Month Day Year Month Day

Parameter Checked: BOD

	Loading Mass Mo. Avg. -lbs/ day	Concentration Monthly Mo. Avg.-mg/l	7-day Avg. -mg/l
Reported Value:	170	26	33.2
Calculated Value:	170	26	33.2
Permit Value:	300	30	45

If calculated value does not equal reported value, explain: *EQUAL*