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

Section A: National Data System Coding

1	Transaction Code	2	NPDES	11	12	yr/mo/day	17	18	Inspec. Type	19	Inspector	20	Fac Type
	N	5	ARG021661			061031			C		S		2

Remarks: AFIN 43-00599 LONOKE COUNTY

67	Inspection Work Days	69	70	Facility Evaluation Rating	71	BI	72	QA	73	74	75	Reserved	80
						N		N					

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*

Cabot Water & Wastewater Commission- 76 Marshall Lane, Cabot, AR 72023

Entry Time /Date	Permit Effective Date
0915 on 10/31/06	June 30, 2003
Exit Time/Date	**Permit Expiration Date**
1145 on 10/31/06	June 30, 2008

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)
Tim Joyner P.E./ General Manager/ 501-605-1740/ fax 501-605-1743/ cell 501-743-2154
Tony Reaves/ Wastewater Manager/ 501-843-1226
Jana Coleman/ Lab Tech/ 501-843-1226

Other Facility Data

Name, Address of Responsible Official/Title/Phone and Fax Number
Tim Joyner/ General Manager
P.O. Box 1362
Cabot, AR 72023
office 501-605-1740/ fax 501-605-1743/ cell 501-743-2154

Contacted: Yes [X] No [ ]

Section C: Areas Evaluated During Inspection

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

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

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

Section C- Solids were observed on the ground between the aeration basin and the equalization pond. The solids were from an aerator that was inoperable at the time of the inspection. Large cracks are present in the aeration basin and the polishing pond. Vegetation is beginning to grow through many of the cracks.

Section E- Two flow calculation checks performed during the inspection revealed that the flow meter was reading extremely inaccurate. The calculations revealed that the % difference was within the allowable limit up until the last calibration performed in July. From July until present, the meter has been reading lower flow that what is occurring. Checks are being calculated incorrectly providing false % differences.

Section G- There was an excessive amount of foam observed in the effluent and the receiving stream.

The SWPPP has not yet been completed. Many components are lacking from the plan. During the inspection, an area was noted having donafill washed down the bank into the receiving stream.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
Lisa Jacobs/ Lisa Jacobs	ADEQ/ Little Rock/ 501-683-0827/ 501-682-0910	11-1-06
Signature of Reviewer	**Agency/Office/Phone and Fax Numbers**	**Date**

	PERMIT NO. AR0021661

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	■ 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. ■ S ☐ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED **no**)
DETAILS:

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 ☐ N
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. ☐ S ■ M ☐ U ☐ NA (FURTHER EXPLANATION ATTACHED **yes**)
DETAILS:

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

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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 S 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 **yes**).
DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED. ■ Y ☐ N ☐ NA
TYPE OF DEVICE 9 inch 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 7/5/06) ☐ 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

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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 **Sorrells Research**
LAB ADDRESS **8002 Stanton Rd., Little Rock, AR 72209**
PARAMETERS PERFORMED **CBOD, pH, TSS, NH3-N, D.O., FCB, TRC, Biomonitoring**

SECTION G - EFFLUENT/RECEIVING WATERS OBSERVATIONS. ☐ S ☐ M ■ U ☐ NA (FURTHER EXPLANATION ATTACHED **no**).

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

Receiving Waters Observations: There was an excessive amount of foam discharging into the receiving stream. The foam was noted in the polishing pond, as well as the chlorine contact chamber.

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

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

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DATE 11/1/06
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FLOW CALCULATION SHEET

Field Data: Date **10/31/06** Time **1115**

Head in Inches **6** = **0.5** ft.

Type & Size of Primary Flow Measurement Device
9 in Parshall Flume
Name & Model of Secondary Flow Measurement Device
Milltronics Hydroranger

Recorded Flow at date & time listed above **0.44 mgd**

Flows are calculated from flow charts taken from the ISCO Open Channel Flow Measurement Handbook

0.5 ft. = **0.6870** M.G.D./g.p.m.

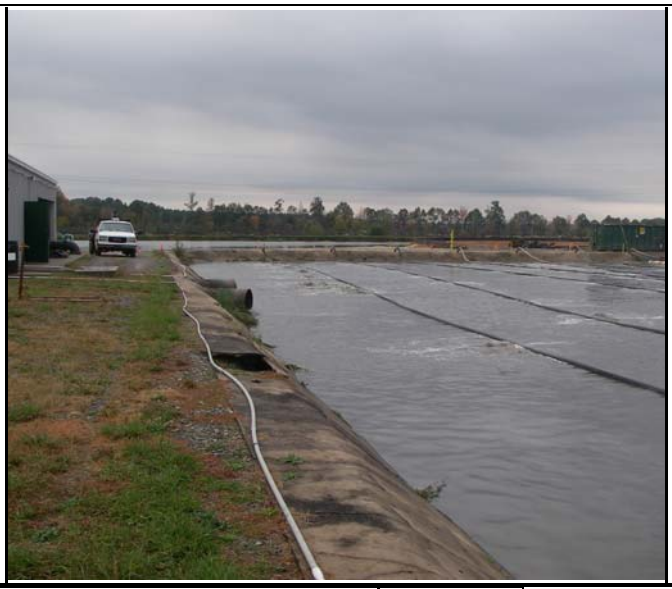
$$\% \text{ error} = \frac{\textit{recorded value - calculated value}\ (100)}{\textit{calculated value}}$$

$$\% \text{ error} = \frac{0.44-0.687 \times 100}{0.687}$$

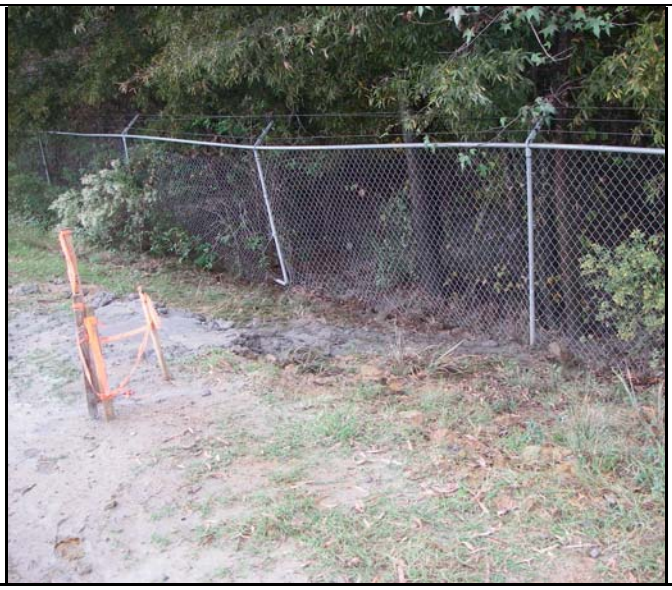
% error = 35.95 %

Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location:	Cabot Wastewater Facility. 76 Marshall Lane, Cabot, AR 72023							
Photographer:	Lisa Jacobs				**Witness:**	Tony Reaves		
Photo #	1	**Of**	5		**Date:**	10/31/06	**Time:**	1100
Description:	This picture shows cracks and vegetation in the aeration basin.							

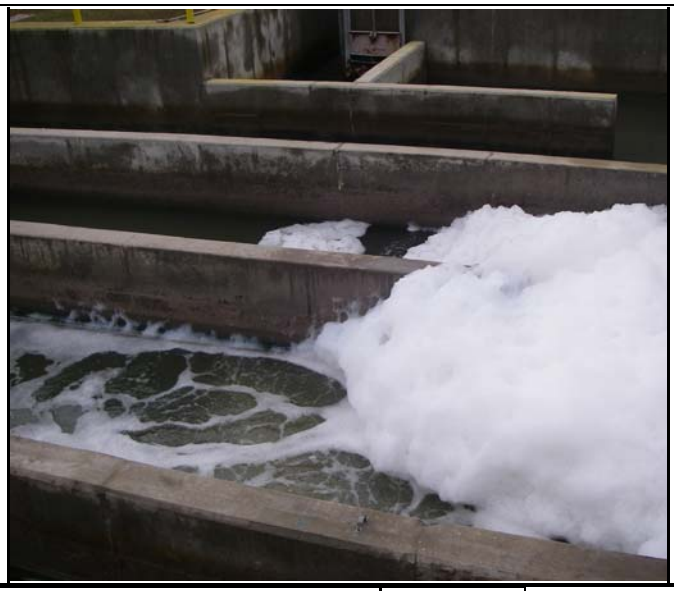


Photographer:	Lisa Jacobs				**Witness:**	Tony Reaves		
Photo #	2	**Of**	5		**Date:**	10/31/06	**Time:**	1118
Description:	Donafill going down the side of the hill into the receiving stream.							



Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location:	Cabot Wastewater Facility. 76 Marshall Lane, Cabot, AR 72023						
Photographer:	Lisa Jacobs			**Witness:**	Tony Reaves		
Photo #	3	**Of**	5	**Date:**	10/31/06	**Time:**	1125
Description:							



Photographer:	Lisa Jacobs			**Witness:**	Tony Reaves		
Photo #	4	**Of**	5	**Date:**	10/31/06	**Time:**	1126
Description:	Foam in effluent.						

Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location:	Cabot Wastewater Facility. 76 Marshall Lane, Cabot, AR 72023						
Photographer:	Lisa Jacobs			**Witness:**	Tony Reaves		
Photo #	5	**Of**	5	**Date:**	10/31/06	**Time:**	1128
Description:	Foam in the receiving stream.						

ADEQ

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

November 1, 2006

Tim Joyner
Cabot Water & Wastewater Commission
P.O. Box 1362
Cabot, AR 72023

RE: AFIN: 43-0059 NPDES Permit No.: AR0021661

Dear Mr. Joyner:

On October 31, 2006, I performed a routine compliance 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 the following violations:

1. The facility is not being properly operated and maintained. Solids were placed on the ground from the removal of an inoperable aerator. Large cracks still remain in the aeration basin and the polishing pond. Vegetation is growing through many of the cracks and holes.

2. The flow meter is reading within more than a 10% difference of the actual flow. A flow performed during the inspection revealed that the meter was reading 36% low. Flow checks are being performed incorrectly. Flow checks performed by staff, show inaccurate calculations on the monthly flow check log.

3. There was an excessive amount of foam in the effluent and in the receiving stream at the time of the inspection.

4. The SWPPP is not yet finished and implemented. Many components of the plan are still missing.

5. During the inspection, donafill was observed leaving the construction area of the site and entering Waters of the State.

The above items require your immediate attention. Please submit a written response to these findings to the NPDES Enforcement Section of this Department. This response should contain documentation describing the course of action taken to correct the items noted. This corrective action should be completed as soon as possible, and the written response is due by November 22, 2006.

If I can be any assistance, please contact me at 501-683-0827.

Sincerely,

Lisa Jacobs
Field Inspector
Water Division

cc: NPDES Enforcement Branch
NPDES Permit Branch

033005

WaterWorks
CABOT
WASTEWATER TREATMENT PLANT
P.O. BOX 1287
CABOT, AR 72023
OFFICE (501) 843-3226

Facsimile Transmittal

To: Lisa Jacobs Fax: 501-682-0910
From: Jana Kohlmann Date: 10-31-06
Re: Flow Chart Pages: 2 (including this page)
cc:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ For Records

Lisa,
Here's our monthly flow chart.
If you need anything else, let me know
Jana

Monthly Flow Chart
2006

Date	Flume Water Depth	Flow Meter Reading	% Difference	Initials
1/31/06	16.25"	3.02	0.15	RM/EM
3/06/06	15.25"	2.60	0.29	RM/EM
4/03/06	15.00	2.71	0.02	RM/EM
5/03/06	11.5	1.83	0.0	RM/BJ
6/1/06	8.25	1.14	0.04	RM
7/10/06	10.75	1.47	0.19	RM
8/30/06	14.25	2.20	0.35	RM/BJ
9/29/06	12.25	1.76	0.28	RM/BJ
10/31/06	6.0	0.44	0.24	TR/RM

Monthly Flow Chart
2007

Date	Flume Water Depth	Flow Meter Reading	% Difference	Initials

WaterWorks
CABOT

208 North First Street
P.O. Box 1287
Cabot, Arkansas 72023
Phone 501-605-1740

December 19, 2006

Lisa Jacobs
Arkansas Department of Environmental Quality
NPDES Branch, Water Division
P.O. Box 8913
Little Rock, Arkansas 72219-8913

Re: AFIN 43-0059, NPDES Permit AR0021661

Dear Mrs. Jacobs:

Cabot Waterworks has taken the following corrective action in response your letter dated November 1, 2006.

1. The aerator that was out of service has been repaired and placed back in service. In the future, Wastewater Personnel will promptly cleanup any solids spilled on the ground at the wastewater treatment plant. As for the cracks and holes in the concrete basins, Cabot WaterWorks is currently building a new treatment facility that will replace the current basins. The current schedule is to have the new facility operational by Jan 1, 2008. The existing facility will be demolished shortly afterwards.
2. The ultrasonic flow meters have been recalibrated. The Plant Operator will check the ultrasonic flow meters daily to monitor accuracy. If these meters continue to loss calibration they will be replaced. A sample Cabot Wastewater log sheet is attached that illustrates flow meter checks.
3. Foam in the plant effluent and receiving stream has been removed. The Plant Operator will check and report foam in the effluent and receiving stream daily. The Plant Operator will also monitor daily the dissolved oxygen levels at the aeration basin effluent and the polishing pond effluent. Ammonia will be monitored daily at the plant effluent. Laboratory equipment has been ordered to perform this testing.

4. Attached is the SWPPP for the wastewater plant. Please review and notify us if acceptable.
5. The contractor and engineering firm (USI INC.) responsible for construction of the new treatment plant have been notified that all soil materials including donafill are to be contained on the construction site. The contractor has installed silt fencing at the location where donafill was observed leaving the construction site.

If additional action is required please notify me.

Sincerely

Tim D. Joyner P.E.
General Manager

Cabot Waterworks
Wastewater Treatment Plant
76 Marshall Lane
Cabot. AR. 72023

STORM WATER POLLUTION PREVENTION PLAN

Emergency Contact: Tony Reaves	Work Phone: (501)843-1226
Title: Wastewater Manager	Emergency Phone: (501) 743-1436
Secondary Contact: Richard Morgan	Work Phone: (501) 843-1226
Title: Plant Operator	Emergency Phone: (501) 743-1428
Business Hours: 7:30 a.m. to 4:30 p.m.	NPDES Permit # AR0021661

POLLUTION PREVENTION TEAM

Leader: Tony Reaves — Title: WW Manager
Office Phone: (501) 843-1226

Responsibilities: Implement permit and plan requirements, define goals for storm water management program, signatory authority

Member: Richard Morgan — Title: Plant Operator
Office Phone: (501)843-1226

Responsibilities: Implement preventative maintenance program, oversee and conduct inspections. recommend best management practices. spill prevention and response

Receiving Waters and Wetlands

All runoff and waters discharged from this facility flow through an unnamed Tributary through the Bayou Two Prairie and into the Arkansas River Basin.

Materials Inventory

(1) Domestic/Industrial Wastewater
- (A) Locations are Aeration Basin, Polishing Pond, And Chlorine Chamber.
- (B) Average 2.5 MGD
- (C) Quantity exposed in the last 3 years - N/A
- (D) Likelihood of contact with storm water
  - (1) In the event of high inflow
  - (2) Damaged levee

(2) Portable Fuel Storage Tank
- (A) Location is adjacent to Blower Room
- (B) Approx. 300 gallons
- (C) Quantity exposed in the last 3 years - NONE
- (D) Likelihood of contact with storm water
  - (I) Possible exposure due to tank rupture

(3) Waste Oil Reservoir
- (A) Location is at Main Building
- (B) Approx. 200 gallons
- (C) Quantity exposed in the last 3 years - NONE
- (D) Likelihood of contact with storm water
  - (1) Possible spill during transfer
  - (2) Tank rupture

* Previously there have been no significant spills or leaks

Spills and Leaks

Areas in which a spill or leak could occur are as follows.

(A) Levee around EQ Basin
(B) Levee around Retention Pond
(C) Polishing Pond Wall
(D) Biolac Basin Wall
(E) Main Lift Station
(F) Waste Oil Reservoir
(G) Portable Fuel Storage Tank
(H) Trash Dumpsters

All of which would flow either to
(1) The West into ditch running along the Rail Road Tracks
(2) The East into ditch
(3) The South into ditch

- These ditches all flow through an unnamed tributary through the Bayou Two Prairie and into the Arkansas River Basin.

Storm Water Controls

Potential Source Pollutant

(A) Domestic/Industrial Wastewater
  (1) Berms are in place on three sides of entire facility.
  (2) Each basin equipped with overflow outlets flowing into an approx. 5 acre pond for flood control.
  (3) Constructed and maintained levees around each basin.
  (4) Routine facility inspections and record keeping.

(B) Portable Fuel Storage Trailer
  (1) Granular oil absorbent and absorbent matting available
  (2) Offsite transfer of materials
  (3) Routine inspection of tank and appurtenances

(C) Waste Oil Reservoir
  (1) Oil absorbent matting at the base of reservoir
  (2) Absorbent matting available
  (3) Routine inspection of tank and surrounding areas

CABOT WASTEWATER PLANT LOG

Date: 12-17-06 Employee: A. Morgan

DESCRIPTION	Temperature	Condition	Precipitation	Time
WEATHER	38°	Pt. Cloudy	0 Inches	8:00
INFLUENT SPLITTER BOX	OK			
PLANT FLOW VALVE PIT	OK			
INFLUENT FLOW METER	Reading: 3.94	26417727		
BAR SCREEN	OK			
Greased	~			
Wash Down Bar Screen & Float	~			
Trash Dumpster	OK			
BLOWER MOTORS	#1 Down	#2 OK	#3 OK	#4 OK
Hour Meter	#1 85572.9	#2 6347.2	#3 4103.2	#4 79590.9
Oil Check	#1	#2 ~	#3 ~	#4 ~
Lubrication	#1	#2 ~	#3 ~	#4 ~
Belt	#1	#2 ~	#3 ~	#4 ~
Filter	#1	#2 ~	#3 ~	#4 ~
AERATION BASIN				
Color of Mixed Liquor	Brown			
Aerators	#1 OK	#2 OK	#3 OK	
Diffusers	OK			
CLARIFIERS	#1 OK	#2 OK	#3 OK	#4 OK
Skimmers	#1 OK	#2 OK	#3 OK	#4 OK
Rakes	#1 OK	#2 OK	#3 OK	#4 Down
Rake Hour Meter	#1 63171.8	#2 91857.2	#3 1434.3	#4 79013.4
Return Air	#1 OK	#2 OK	#3 OK	#4 OK
Waste Gate	OK			
POLISHING POND	Light Foam			
RETURN PIT	OK			
GENERATOR	OK			
Oil	~			
Fuel	~			
Filter	~			
Coolant	~			
Weekly Auto Start & Run				
CHLORINE CONTACT BASIN	Light Foam			
Chlorine Basin Blower	OK			
Skim	Va			
EFFLUENT FLOW METER	Reading: 2.42	8032		

FLOW CHECKS	Flume Depth (ft)	Book Flow (MGD)	UltraSonic Meter(MGD)	% Error
Daily Influent Meter Check	1.16'		2.60	4.41
Daily Effluent Meter Check	1.25'	2.79	2.83	1.43

Change Flow Chart	No
CHLORINE BUILDING	Dosage: 1.25 Reading: 125 - 0 Change Bottles? No
SWPPP INSPECTIONS	
LEVEES	~
FUEL TRAILER	~
PARKED EQUIPMENT	~
TRASH DUMPSTERS	~
OIL STORAGE TANK	~

Cabot Waterworks
Wastewater Department

Employee Training Program

Meetings held semi-annually and upon new hire to discuss:

- Environmental health and safety issues
- Good housekeeping
- Spill prevention and response procedure
- Material handling and storage
  Additional training
- New management practices

Employee training topics to include:

- Basic cleanup procedures
- Disposal and equipment locations
  Spill and drainage areas
  Emergency procedures

Employee Training Log

Training Topics	Description of Training	Date	Attendees

Comments:

Non Storm Water Discharge Assessment

Date	Location of Outfall	Method Used to Evaluate Discharge	Results of Discharge	Source of Discharge	Initial

Allowable Non Storm Discharge

Outfall 001 indicated on site map certifies as an allowable non-storm discharge consisting of the wastewater treatment plant treated effluent. This discharge is regulated under the current NPDES permit # AR0021661.

Pollutant Source Identification

Pollutant Source	Existing Management Practice	Suggested Management Practice

Completed By:

Title:

Date: