

ADEQ

ARKANSAS
Department of Environmental Quality

August 24, 2009

Dorinda Suitor, Utilities Manager
City of Arkadelphia
P.O. Box 151
Arkadelphia, AR 71923

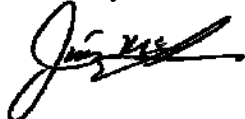
Re: AFIN: No. 10-00061 NPDES Permit No. AR0020605

Dear Ms. Suitor:

On June 16, 2009, I performed an SSO 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 were in compliance with the terms of your permit.

If I can be of any assistance, please contact me at 501-520-0541

Sincerely,



Jim McSwain
District 7 Field Inspector
Water Division

cc: Water Division Enforcement Branch
 Water Division Permits Branch

 <p style="text-align: center; font-size: small;">UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460</p> <h2 style="text-align: center;">NPDES Compliance Inspection Report</h2>	Form Approved OMB No. 2040-0003
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Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspec. Type	Inspector	Fac. Type				
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="A"/> <input type="text" value="R"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="5"/> 11 12 <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="1"/> <input type="text" value="6"/> 17 18 <input type="text" value="V"/> 19 <input type="text" value="S"/> 20 <input type="text" value="1"/>	Remarks								
Inspection Work Days		Facility Evaluation Rating		BI		QA		-----Reserved-----	
67 <input type="text"/> <input type="text"/> <input type="text"/> 69		70 <input type="text" value="N"/>		71 <input type="text" value="N"/>		72 <input type="text" value="N"/>		73 <input type="text"/> 74 <input type="text"/> 75 <input type="text"/> <input type="text"/> <input type="text"/> 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> City of Arkadelphia located just east of 3rd Street, approximately 2 miles south of Arkadelphia, AR	Entry Time/Date 0920 on 6/16/09	Permit Effective Date 1/1/07
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) David Thomason – Superintendent / 870-403-3102 Christi Daniel – Lab Technician / 870-246-0697	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Dorinda Suitor – Utilities Manager / 870-246-5863 700 clay Street P.O. Box 495 Arkadelphia, AR 71923	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

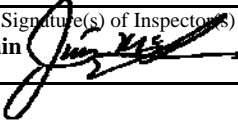
Section C: Areas Evaluated During Inspection

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

N	Permit	N	Flow Measurement	N	Operations & Maintenance	N	Sampling
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	S	Other: (SSO)

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

NO MAJOR VIOLATIONS NOTED.

Name(s) and Signature(s) of Inspector(s) Jim McSwain 	Agency/Office/Telephone/Fax AR Dept. of Environmental Quality – Hot Springs Field Office – 501-520-0541 – Fax 501-520-5978	Date August 21, 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

COLLECTION SYSTEM INSPECTION AND OVERALL RATING	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: **Collection system is made up of concrete, clay, ductile iron, and PVC lines. Line sizes range from 2" pressure to 16". Gravity mains are from 6" to 16"**

POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: **4000 residential, 438 commercial.**

FEET OF SEWER SYSTEM: **approximately 58 miles**

AGE OF SYSTEM: **records indicate late 40's or early 1950's.**

DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): the area near the Ouachita River when flooding occurs.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): Internet notification with follow up written report.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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HAVE SSOs REACHED "WATERS OF THE U.S." (LIST DATE AND LOCATION OF EACH):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
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Ouachita (9/5/08) est. 100,000 gallons

PUMP STATIONS	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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NUMBER OF PUMP STATIONS IN SYSTEM: 12	NUMBER WITH BACKUP POWER: 0-use portable.
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HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: **Once to Twice daily**

ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: **yes**

ADEQUATE INVENTORY OF SPARE PARTS: **yes**

TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): **Auto Dialers on 3 largest. The other stations are located in high visible areas where light alarms can be seen easily.**

BRIEF SUMMARY OF EMERGENCY PROCEDURES: **written emergency plan.**

NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): **1**

SATELLITE SYSTEMS	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
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DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: **NONE**

TYPE(S) OF WASTE WATER RECEIVED: RESIDENTIAL COMMERCIAL INDUSTRIAL OTHER:

BRIEFLY DESCRIBE THE SATELLITE SYSTEM:

ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:

NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Ouachita	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>3</u>	NUMBER OPERATIONAL: <u>3</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.) :	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
1/27/2005	1/27/2005	500	unknown	Hospital	grease	paved area	
2/16/2001		0	unknown	10" line in the Mill Creek	Too much water in creek washed the line apart		
6/15/2001		0	unknown	Ouachita Lift Station	Power outage - storm		
8/7/2001	8/7/2001	23000	Unknown	Pumping station in the Industrial Park location	2 pumps malfunctioned		
10/1/2002	10/1/2002	300	none	26th and Evergreen intersection	grease		
11/3/2002	11/3/2002	0	Unknown	316 North 10th Book store	Blockage in main line		
7/19/2002	7/19/2002	200	unknown	Elaine Street lift station	Lightning damage to pumps		
7/9/2003	7/9/2003	600	unknown	Pine Street	Hole in pipe, break in line		
9/22/2003		10000	fish kill - Waggle Creek	Industrial park lift station	Malfunction and lightning - phone system out that notifies of deep well full		
7/10/2006	7/10/2006	200	none	manhole overflow	grease in line	ground	11 Concord
2/26/2006	2/26/2006	25	unknown	N.W. Of N 26th & Northpark in the woods	grease	ground	
5/12/2005	5/12/2005	25	unknown	Pump station at Ouachita College	phase monitor shut down	Creek at the college	
1/17/2006	1/17/2006	90	unknown	Millcreek right of way	grease	ground	
1/31/2006	1/31/2006	50	unknown	Valrie Drive	grease	ground	
10/26/2005	10/26/2005	200	none NOTE: THIS OVERFLOW WAS REPORTED TWICE ON WEBSITE.	Ouachita College	control failure at pump station		
3/28/2004	3/28/2004	250	unknown	North 26th & Evergreen	Grease		
5/19/2003	5/19/2003	1200	unknown	Power failure at Ouachita lift station	Power failure		

Date started	Date stopped	Volume	Environmental damage	Description	Cause	Stream	Location
6/16/2005	6/16/2005	150	none	Power surge to the Ouachita lift station caused starters to kick out. Wet well filled up and the alarm sounded.	equipment failure due to power surge	Ouachita River	
3/26/2007	3/26/2007	400	none	force main broke	unknown	ground	
4/5/2006	4/5/2006	200	none	manhole #4	grease	ground	High School
12/20/2007	12/20/2007	500	NEAH	MH overflow	grease and roots	creek	
3/2/2008	3/3/2008	1000	NONE	MANHOLE #29 AT TIMBERRIDGE	GREASE IN LINE	GROUND	
4/3/2008	4/3/2008	400	None	mh overflow	grease		
4/13/2008	4/13/2008	100	none	MH overflow	grease		
4/15/2008	4/15/2008	75	None	Manhole Overflow	Grease		813 N. 26th St.
6/2/2008	6/2/2008	1000	NONE	2402 FORREST PARK	GREASE IN THE LINE	CREEK	
9/5/2008	9/8/2008	100000	unknown	Flooded Pump Station at Ouchita	Flooded Pump Station	Ouachita River	Unknown
6/21/2009	6/21/2009	150	None		Grease	Ditch	312 N. 10th St.
11/17/2008	11/17/2008	400	none		grease		4th and Caddo
2/17/2008	2/17/2008	200	none		grease	creek	Timber Ridge
2/18/2008	2/18/2008	40	none		grease		29 Timber Ridge