

 <b>A R K A N S A S</b> Department of Environmental Quality		<b>WATER DIVISION INSPECTION REPORT</b>					
		AFIN: 18-00879		PERMIT #: AR0022039		DATE: 3/19/2013	
		COUNTY: 18 Crittenden			PDS #: 077417		MEDIA: WN
		GPS LAT: 35.124212 LONG: -90.179016 LOCATION: Entrance					
<b>FACILITY INFORMATION</b>			<b>INSPECTION INFORMATION</b>				
NAME: <b>West Memphis WWTP</b> LOCATION: <b>502 South Loop Rd.</b> CITY: <b>West Memphis</b>			FACILITY TYPE: <b>1 - Municipal</b>		INSPECTOR ID#: <b>52138 S - State</b>		
			FACILITY EVALUATION RATING: <b>N</b>		INSPECTION TYPE: <b>SSO/Collection System</b>		
			DATE(S): <b>3/19/2014</b>	ENTRY TIME: <b>10:50</b>	EXIT TIME: <b>15:55</b>	PERMIT EFFECTIVE DATE: <b>8/1/2013</b>	
					PERMIT EXPIRATION DATE: <b>7/31/2018</b>		
<b>RESPONSIBLE OFFICIAL</b>			FAYETTEVILLE SHALE RELATED: <b>N</b>				
NAME / TITLE: <b>John Rimmer / General Manager</b> COMPANY: <b>West Memphis Utilities</b> MAILING ADDRESS: <b>P.O. Box 1868</b> CITY, STATE, ZIP: <b>West Memphis AR 72301</b> PHONE & EXT. / FAX: <b>870-735-3355 /</b> EMAIL: <b>jrimmer@westmemphisutilities.com</b>			FAYETTEVILLE SHALE VIOLATIONS: <b>N</b>				
CONTACTED DURING INSPECTION: <b>No</b>			<b>INSPECTION PARTICIPANTS</b>				
			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: <b>Denise Bosnick/Director of Env. Quality/870-702-5141</b> <b>Josh Grabowski/Water Superintendent/870-702-5102</b> <b>Marvin Jones/Pretreatment/870-702-5151</b>				
<b>AREA EVALUATIONS</b>							
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
<b>S</b>	PERMIT	<b>N</b>	FLOW MEASUREMENT	<b>N</b>	STORMWATER		
<b>M</b>	RECORDS/REPORTS	<b>N</b>	LABORATORY	<b>N</b>	FACILITY SITE REVIEW		
<b>U</b>	OPERATION & MAINTENANCE	<b>N</b>	EFFLUENT/RECEIVING WATER	<b>N</b>	SELF-MONITORING PROGRAM		
<b>N</b>	SAMPLING	<b>N</b>	SLUDGE HANDLING/DISPOSAL	<b>N</b>	PRETREATMENT		
<b>N</b>	OTHER:						
<b>SUMMARY OF FINDINGS</b>							
The following items require a written response:							
<ol style="list-style-type: none"> <li>1. In the April 3, 2012 response to the last SSO inspection which occurred on December 2, 2011, the West Memphis Utility Commission prosed to enact a 5 Year Corrective Action Plan to address problems with excessive I&amp;I (Inflow and Infiltration). Please provide a detailed update on all progress to date related to the implementation of the Corrective Action Plan.</li> <li>2. For each pump station in the system, please provide the following information:                         <ol style="list-style-type: none"> <li>a. Provisions for emergency operation. (Permanent backup generator, auxiliary pump connections, portable generator connections, etc.)</li> <li>b. The type of remote monitoring and parameters monitored if any.</li> </ol> </li> <li>3. Improper Operation and Maintenance; this violates Part III Section B:1.A. of the permit                         <ol style="list-style-type: none"> <li>a. Station #3 and Station #14 both had heavy accumulations of floating solids/grease on the surface of the wet well (Photos 1 &amp; 2).</li> <li>b. The mixer that had been installed in the wet well of the Bill's Grill Station to prevent the accumulation of floating solids/grease was inoperable.</li> </ol> </li> </ol>							

**GENERAL COMMENTS**

The operation and maintenance of the collection system has improved since the previous inspection.

The letter for this inspection is attached to the CEI conducted on this date.

INSPECTOR'S SIGNATURE:  Brent L. Walker	DATE: 4/18/2014
SUPERVISOR'S SIGNATURE:  Jason Bolenbaugh	DATE: 4/22/2014

<b>COLLECTION SYSTEM INSPECTION AND OVERALL RATING</b>		<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: <b><u>Combination gravity and force main system</u></b>		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <b><u>Pop. ~28,000</u></b>		
FEET OF SEWER SYSTEM: <b><u>~167 miles</u></b>		
AGE OF SYSTEM: <b><u>Estimate 1950's and newer</u></b>		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): <b><u>Wet weather I &amp; I</u></b>		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): <b><u>SSO's are reported to ADEQ by the Director of Environmental Quality</u></b>		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
ARE ALL SSOs REPORTED REGARDLESS OF SIZE: <b><u>Appears all known are reported</u></b>		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH): <b><u>23 in 2012, 37 in 2013, 4 as of 3/20/2014 – not all reached "Waters of the State"</u></b>		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>PUMP STATIONS</b>		<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: <b><u>37</u></b>	NUMBER WITH BACKUP POWER: <b><u>0</u></b>	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <b><u>Daily</u></b>		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <b><u>Yes – not detailed</u></b>		
ADEQUATE INVENTORY OF SPARE PARTS: <b><u>Yes</u></b>		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <b><u>SCADA and/or Phone</u></b>		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <b><u>Large stations have auxiliary pump connections; small station require a manual installation of an emergency pump</u></b>		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE PREVIOUS PAGE AND PHOTOS): <b><u>5</u></b> <b><u>Station 3, Station 14, Station 12, Club Station, &amp; Bill's Grill Station</u></b>		
<b>SATELLITE SYSTEMS</b>		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <b><u>No</u></b>		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:		

**Water Division Photographic Evidence Sheet**

Location:	<b>West Memphis SSO</b>			
Photographer:	<b>Brent Walker</b>	Date:	<b>3/19/2014</b>	
Witness:	<b>Denise Bosnick, Josh Grabowski, Marvin Jones</b>		Time:	<b>1127</b>
			Photo #:	<b>1</b>
Description:	<b>Heavy accumulation of solids in wet well of Station 3.</b>			



Photographer:	<b>Brent Walker</b>	Date:	<b>3/19/2014</b>	Time:	<b>1140</b>
Witness:	<b>Denise Bosnick, Josh Grabowski, Marvin Jones</b>			Photo #:	<b>2</b>
Description:	<b>Heavy accumulation of solids in wet well of Station 14.</b>				



**Water Division Photographic Evidence Sheet**

Location:	<b>West Memphis SSO</b>			
Photographer:	<b>Brent Walker</b>	Date:	<b>3/19/20014</b>	
Witness:	<b>Denise Bosnick, Josh Grabowski, Marvin Jones</b>		Time:	<b>1147</b>
			Photo #:	<b>3</b>
Description:	<b>Moderate accumulation of solids in wet well of Station 12.</b>			



Photographer:	<b>Brent Walker</b>	Date:	<b>3/19/2014</b>	Time:	<b>1154</b>
Witness:	<b>Denise Bosnick, Josh Grabowski, Marvin Jones</b>			Photo #:	<b>4</b>
Description:	<b>Moderate accumulation of solids in wet well of Club Station.</b>				



**Water Division Photographic Evidence Sheet**

Location:	<b>West Memphis SSO</b>				
Photographer:	<b>Brent Walker</b>	Date:	<b>3/19/2014</b>	Time:	<b>1207</b>
Witness:	<b>Denise Bosnick, Josh Grabowski, Marvin Jones</b>			Photo #:	<b>5</b>
Description:	<b>Light accumulation of solids in wet well of Bill's Grill Station. (Much improved since last inspection.) Newly installed mixer was out of service.</b>				





**WEST MEMPHIS UTILITY COMMISSION**  
604 East Cooper P O Box 1868  
West Memphis, AR 72301  
Phone: 870-735-3355 Fax: 870-732-7623

May 1, 2014

Arkansas Department Environmental Quality  
Water Division  
Inspection Branch  
5301 Northshore Drive  
North Little Rock, Arkansas 72118-5317

Re: Response to Water Inspection Report  
AFIN: 18-00879 Permit No.: AR0022039 and AR00C405

This letter is to address the summary of finding from an inspection on March 18 and 19, 2014.

**Wastewater Treatment Plant:**

1. Improper Operation and Maintenance; this violates Part III Section B:1.A.

All weir cleaning is back on schedule. At the time of inspection, it had been extremely cold and the cleaning equipment could not be used.

2. Inadequate record contents; this violates Part III Section C:8.

All temperature logs are in place and all calibrated thermometers are in place.

**Sanitary Sewer Overflows/Collection System:**

1. Update on implementation of Corrective Action Plan:

Complete rehab of pump stations 25 (514 Mound City Road) and 31 (302 Wyanoke Road) in 8/2013

SSES (Sanitary Sewer Evaluation Study) of Basins 3, 4, and 17 in 2013

Bidding and approving contracts to rehab over 500 manholes in these basins 2014

Installed a Submersible Basin Mixer in wet well of pump station 33 (Bill Grill Road) in 1/2014

Complete rehab of pump station 33(Bill Grill Road) in 5/2014

Approve contracts for rehab of pump station 10 (702 South 22<sup>nd</sup>) in 5/2014  
CIPP (Cured in Place Piping) of 2000 feet of eight (8) inch pipe on Missouri Street in 6/2014

SSES (Sanitary Sewer Evaluation Study) of Basin 8 2014

Bidding and approving contract to rehab manholes in this basin 2015

2. Pump Stations in the system:

West Memphis Utility owns one (1) backup generator and two (2) auxiliary pumps for emergency operations.

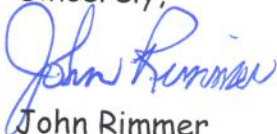
West Memphis Utility operates SCADA at the majority of our pump stations. The parameters that are monitored are wet well levels, motors on/off, historical level, and three station have pH probes.

3. Improper Operation and Maintenance; this violates Part III Section B:1.A.

West Memphis Utility is re-implementing our wet well cleaning program  
The mixer in pump station 33 (Bill Grill Road) is operable.

I believe this addresses the summary of finding in the inspection report. If you have any additional comments or questions, please do not hesitate to call me at (870) 702-5103 or Denise Bosnick, Director Environmental Quality at (870) 702-5141.

Sincerely,



John Rimmer  
General Manager