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|---|--|---|---|-----------------------------|---|---|---|--|
| <br><b>A R K A N S A S</b><br>Department of Environmental Quality  |  | <b>WATER DIVISION INSPECTION REPORT</b>                                     |   |                             |   |   |   |  |
|   |  | AFIN: <b>18-00879</b>   |   | PERMIT #: <b>AR0022039</b>  |   | DATE: <b>3/12/2015</b>                    |   |  |
|   |  | COUNTY: <b>18 Crittenden</b>  |   |                             | PDS #: <b>084376</b>                      |   | MEDIA: <b>WN</b>                            |  |
|   |  | GPS LAT: <b>35.124212</b> LONG: <b>-90.179016</b> LOCATION: <b>Entrance</b> |   |                             |   |   |   |  |
| <b>FACILITY INFORMATION</b>   |  |   | <b>INSPECTION INFORMATION</b>           |                             |   |   |   |  |
| NAME:<br><b>West Memphis WWTP</b><br>LOCATION:<br><b>502 South Loop Rd.</b><br>CITY:<br><b>West Memphis</b>   |  |   | FACILITY TYPE:<br><b>1 - Municipal</b>  |                             | INSPECTOR ID#:<br><b>52138 S - State</b>  |   |   |  |
| <b>RESPONSIBLE OFFICIAL</b><br>NAME / TITLE:<br><b>John Rimmer / General Manager</b><br>COMPANY:<br><b>West Memphis Utilities</b><br>MAILING ADDRESS:<br><b>P.O. Box 1868</b><br>CITY, STATE, ZIP:<br><b>West Memphis AR 72301</b><br>PHONE & EXT. / FAX:<br><b>870-735-3355 /</b><br>EMAIL:<br><b>jrimmer@westmemphisutilities.com</b><br>CONTACTED DURING INSPECTION: <b>No</b>   |  |   | FACILITY EVALUATION RATING:<br><b>N</b> |                             | INSPECTION TYPE:<br><b>Reconnaissance</b> |   |   |  |
|   |  |   | DATE(S):<br><b>3/12/2015</b>            | ENTRY TIME:<br><b>15:30</b> | EXIT TIME:<br><b>16:00</b>                | PERMIT EFFECTIVE DATE:<br><b>8/1/2013</b> |   |  |
|   |  |   |   |                             |   |   | PERMIT EXPIRATION DATE:<br><b>7/31/2018</b> |  |
|   |  |   | FAYETTEVILLE SHALE RELATED: <b>N</b>    |                             |   |   |   |  |
| FAYETTEVILLE SHALE VIOLATIONS: <b>N</b>   |  |   |   |                             |   |   |   |  |
| <b>INSPECTION PARTICIPANTS</b>  |  |   |   |                             |   |   |   |  |
| NAME/TITLE/PHONE/FAX/EMAIL/ETC.:<br><b>Paul Holloway/Dir. of Wastewater/870-735-9862</b>  |  |   |   |                             |   |   |   |  |
| <b>AREA EVALUATIONS</b>   |  |   |   |                             |   |   |   |  |
| (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)  |  |   |   |                             |   |   |   |  |
| <b>N</b>  | PERMIT   | <b>N</b>  | FLOW MEASUREMENT                        | <b>N</b>                    | STORMWATER                                |   |   |  |
| <b>S</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>U</b>  | OTHER: <b>Active Partial Bypass of Treatment Units</b> |   |   |                             |   |   |   |  |
| <b>SUMMARY OF FINDINGS</b>  |  |   |   |                             |   |   |   |  |
| Inspection was performed due to observed lack of freeboard in the EQ basin while driving past the facility. Recent snow/ice melt had resulted in bypasses from other facilities in the area. Facility was discharging from the EQ basin directly to the effluent wet well to prevent an overflow and possible failure of the EQ basin in the event of additional precipitation in the immediate future. The WWTP was also operating at full capacity with all needed units in service except the UV disinfection system. The UV system had been removed to prevent damage by flooding from high wastewater flows. |  |   |   |                             |   |   |   |  |
| <b>GENERAL COMMENTS</b>   |  |   |   |                             |   |   |   |  |
| Facility contacted ADEQ Enforcement Branch prior to bypass.<br>No letter will be sent at this time.<br>Further action will be at the discretion of the Enforcement Branch.  |  |   |   |                             |   |   |   |  |
| INSPECTOR'S SIGNATURE:  <b>Brent L. Walker</b>   |  |   |   | DATE: <b>5/26/2015</b>      |   |   |   |  |
| SUPERVISOR'S SIGNATURE:  <b>Jason Bolenbaugh</b>   |  |   |   | DATE: <b>6/2/2015</b>       |   |   |   |  |

**Water Division Photographic Evidence Sheet**

|               |   |          |                  |
|---------------|---|----------|------------------|
| Location:     | <b>West Memphis WWTP</b>  |          |                  |
| Photographer: | <b>Brent Walker</b>   | Date:    | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>   | Time:    | <b>1539</b>      |
|               |   | Photo #: | <b>1</b>         |
| Description:  | <b>Direct discharge from EQ basin to effluent wet well. (Note green color from algae)</b> |          |                  |



|               |   |          |                  |
|---------------|---|----------|------------------|
| Photographer: | <b>Brent Walker</b>   | Date:    | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>   | Time:    | <b>1539</b>      |
|               |   | Photo #: | <b>2</b>         |
| Description:  | <b>Effluent wet well receiving direct discharge from EQ basin – green color from algae.</b> |          |                  |



**Water Division Photographic Evidence Sheet**

|               |  |       |                  |
|---------------|--|-------|------------------|
| Location:     | <b>West Memphis WWTP</b>   |       |                  |
| Photographer: | <b>Brent Walker</b>  | Date: | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>  | Time: | <b>1539</b>      |
| Description:  | <b>UV disinfection equipment removed from service to prevent damage from high flow</b> |       |                  |



|               |  |       |                  |
|---------------|--|-------|------------------|
| Photographer: | <b>Brent Walker</b>  | Date: | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>  | Time: | <b>1540</b>      |
| Description:  | <b>UV disinfection equipment removed from service to prevent damage from high flow</b> |       |                  |



**Water Division Photographic Evidence Sheet**

|               |  |          |                  |
|---------------|--|----------|------------------|
| Location:     | <b>West Memphis WWTP</b>                   |          |                  |
| Photographer: | <b>Brent Walker</b>                        | Date:    | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>    | Time:    | <b>1554</b>      |
|               |  | Photo #: | <b>5</b>         |
| Description:  | <b>Overview of EQ basin near capacity.</b> |          |                  |



|               |  |          |                  |
|---------------|--|----------|------------------|
| Photographer: | <b>Brent Walker</b>                        | Date:    | <b>3/12/2015</b> |
| Witness:      | <b>Paul Holloway/Dir. of Wastewater</b>    | Time:    | <b>1554</b>      |
|               |  | Photo #: | <b>6</b>         |
| Description:  | <b>Overview of EQ basin near capacity.</b> |          |                  |

