

# ADEQ

ARKANSAS  
Department of Environmental Quality

CERTIFIED: 91 7199 9991 7030 4938 3270

July 17, 2015

David Fitzgerald, Manager  
City of Sheridan WWTP  
P.O. Box 486  
Sheridan, AR 72150

RE: NPDES Permit No. AR0034347, AFIN 42-00125, Request for Corrective Action

Dear Mr. Fitzgerald:

On July 17, 2015, ADEQ conducted a review of the certified Discharge Monitoring Reports submitted by the City of Sheridan from May 1, 2012 through May 31, 2015. ADEQ records indicate that eighteen (18) violations of the permitted effluent limits have been reported. A detailed list of the violations is included with this letter. As a result of this review, ADEQ requests that the facility submit a Corrective Action Plan to the ADEQ Water Division Enforcement Branch. At a minimum, the plan should include the following information:

- The cause(s) of the effluent violations.
- The actions to be taken to correct and prevent the recurrence of the effluent violations.
- A milestone schedule for final compliance with the permitted effluent limits.

Please submit the report the ADEQ Water Division Enforcement Branch no later than August 18, 2015. The report may also be e-mailed to [anderson@adeq.state.ar.us](mailto:anderson@adeq.state.ar.us). The complexity and duration of the corrective action will be considered in determining if formal enforcement action will be proposed.

Should you have any questions concerning the above referenced compliance issue, please feel free to contact me at 501-682-0635.



Alan Anderson  
Enforcement Analyst  
Water Division Enforcement Branch

7/17/2015

## DMR Effluent Violations Since 5/1/12

1/1

## AR0034347 - SHERIDAN, CITY OF / Minor POTW - Effective: 1/1/15

| DMR End Date | Disch- Desig | Parameter Desc                                   | Reported DMR Value | Permit Limit | Vio % | Vio Code    |
|--------------|--------------|--|--------------------|--------------|-------|-------------|
| 09/30/2012   | 001-A        | BOD, carbonaceous, 05 day, 20 C (DAILY MX, mg/L) | 53.1               | 45           | 18%   | Numeric Vio |
| 09/30/2012   | 001-A        | BOD, carbonaceous, 05 day, 20 C (MO AVG, mg/L)   | 39.5               | 30           | 32%   | Numeric Vio |
| Total =2     |              |  |                    |              |       |             |
| 05/31/2012   | 001-A        | Discharge flow as % of stream flow (MAXIMUM, %)  | 100                | 20           | 400%  | Numeric Vio |
| 11/30/2013   | 001-A        | Discharge flow as % of stream flow (MAXIMUM, %)  | 21.4               | 20           | 7%    | Numeric Vio |
| Total=2      |              |  |                    |              |       |             |
| 04/30/2013   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 11.8               | 10           | 18%   | Numeric Vio |
| 01/31/2014   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 12.1               | 12           | 1%    | Numeric Vio |
| 02/28/2014   | 001-A        | Nitrogen, ammonia total [as N] (DAILY MX, mg/L)  | 21.9               | 18           | 22%   | Numeric Vio |
| 02/28/2014   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 19.2               | 12           | 60%   | Numeric Vio |
| 03/31/2014   | 001-A        | Nitrogen, ammonia total [as N] (DAILY MX, mg/L)  | 15.5               | 15           | 3%    | Numeric Vio |
| 03/31/2014   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 15.2               | 10           | 52%   | Numeric Vio |
| 01/31/2015   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 14.6               | 12           | 22%   | Numeric Vio |
| 02/28/2015   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 15.7               | 12           | 31%   | Numeric Vio |
| 03/31/2015   | 001-A        | Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)  | 15.9               | 15           | 6%    | Numeric Vio |
| 03/31/2015   | 001-A        | Nitrogen, ammonia total [as N] (MO AVG, mg/L)    | 15.9               | 10           | 59%   | Numeric Vio |
| Total =10    |              |  |                    |              |       |             |
| 01/31/2014   | 001-A        | Oxygen, dissolved [DO] (INST MIN, mg/L)          | 6.3                | 7            | 10%   | Numeric Vio |
| Total=1      |              |  |                    |              |       |             |
| 05/31/2012   | 001-A        | pH (MAXIMUM, SU)                                 | 10.2               | 10           |       | Numeric Vio |
| Total=1      |              |  |                    |              |       |             |
| 05/31/2012   | 001-A        | Stream flow, mean daily (MINIMUM, MGD)           | 0                  | 6.5          | 100%  | Numeric Vio |
| 09/30/2012   | 001-A        | Stream flow, mean daily (MINIMUM, MGD)           | 5.35               | 6.5          | 18%   | Numeric Vio |
| Total=2      |              |  |                    |              |       |             |