



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

February 21, 2017

CERTIFIED MAIL 9171999991703748471254

Honorable Jerald Marberry
Mayor, City of Flippin
P.O. Box 40
Flippin, AR 72634

Email: <mayor@cityofflippin.com>

RE: NPDES Permit Number AR0021717, AFIN 45-00021
Corrective Action Plan (CAP) Request

Dear Mayor Marberry:

ADEQ has conducted a review of your permit from January 1, 2014 through December 31, 2016. The review revealed twelve (12) violations of the permitted effluent values. (See attachments) As a result of this review, ADEQ requests the submission of the following documentation to the ADEQ Office of Water Quality, Enforcement Branch:

- Corrective Action Plan (CAP). The CAP shall be certified by a Professional Engineer (P.E.) licensed in the state of Arkansas and at a minimum, the CAP shall include the following information:
 - The cause(s) of the effluent violation(s).
 - Evaluation of the current permitted treatment system for compliance within the requirements of your permit.
 - The actions to be taken to correct, and prevent, the recurrence of the effluent violations.
 - A milestone schedule for compliance with the permit effluent limits, with a final date of compliance not to exceed December 31, 2017.
- Quarterly progress reports. These reports shall describe the progress made and the remaining items to be completed. Submission of Monthly Reports shall be due on the 15th of the following month. Please begin submitting the monthly reports to the ADEQ Water Division Enforcement Branch within sixty (60) calendar days of receipt of this letter. The reports may also be emailed to pemberton@adeq.state.ar.us.
- A final report, stamped by a P.E. licensed in the state of Arkansas, certifying compliance with the permit effluent limits upon completion of actions taken to correct, and prevent, the recurrence of the effluent violations.

Within thirty (30) calendar days of receipt of this letter, please submit a CAP to the ADEQ Office of Water Quality, Enforcement Branch. The document may be emailed to me at pemberton@adeq.state.ar.us.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 501-682-0664 or at pemberton@adeq.state.ar.us.

Sincerely,

A handwritten signature in black ink that reads "Layne Pemberton". The signature is written in a cursive, flowing style.

Layne Pemberton
Enforcement Analyst
Office of Water Quality, Enforcement Branch

CC: Jimmy Wagner, Public Work Dir. <cofmaintenance@hotmail.com>

**DMR Effluent Violations 01/01/2014 -
12/31/2016**

**AR0021717 - FLIPPIN, CITY OF / Minor
POTW - Effective: 11/01/2012**

DMR End Date	Discharge Number	Parameter Description	DMR Value Qualifier Code	Reported DMR Value	Permit Limit	Vio %	Violation Type	DMR Value Type Code	Parameter-Mon. Location-Season
04/30/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	=	19.69	5.7	245%	Numeric Vio	Q1	00610-1-2
04/30/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	=	11.83	3.9	203%	Numeric Vio	C2	00610-1-2
04/30/2016	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	=	14.8	3.9	279%	Numeric Vio	C3	00610-1-2
05/31/2016	001-A	Solids, total suspended (MO AVG, lb/d)	=	22	21.9	0%	Numeric Vio	Q1	00530-1-0
05/31/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	=	10.4	2	420%	Numeric Vio	C2	00610-1-0
05/31/2016	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	=	10.4	3	247%	Numeric Vio	C3	00610-1-0
06/30/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	=	9.4	2	370%	Numeric Vio	C2	00610-1-0
06/30/2016	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	=	9.4	3	213%	Numeric Vio	C3	00610-1-0
08/31/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	=	7.4	2	270%	Numeric Vio	C2	00610-1-0
08/31/2016	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	=	7.4	3	147%	Numeric Vio	C3	00610-1-0
09/30/2016	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	=	4.7	2	135%	Numeric Vio	C2	00610-1-0
09/30/2016	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	=	4.7	3	57%	Numeric Vio	C3	00610-1-0

**DMR Effluent Violations 01/01/2014 -
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**DMR Effluent Violations 01/01/2014 -
12/31/2016****AR0021717 - FLIPPIN, CITY OF / Minor
POTW - Effective: 11/01/2012**

Discharge Number	Parameter Description	Violation Type	Outfall	Number of DMR Effluent Violations
001-A	Nitrogen, ammonia total [as N]	Numeric Vio	001	11
001-A	Solids, total suspended	Numeric Vio		1
			001	12
			Sum:	12

**DMR Effluent Violations 01/01/2014 -
12/31/2016**

**AR0021717 - FLIPPIN, CITY OF / Minor POTW
- Effective: 11/01/2012**

Discharge Number	Parameter Number	Parameter Name	Monitoring Period End Date	Violation Type
001-A	00610-1-2	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	04/30/2016	E90
001-A	00610-1-2	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	04/30/2016	E90
001-A	00610-1-2	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	04/30/2016	E90
001-A	00530-1-0	Solids, total suspended (MO AVG, lb/d)	05/31/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	05/31/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	05/31/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	06/30/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	06/30/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	08/31/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	08/31/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	09/30/2016	E90
001-A	00610-1-0	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	09/30/2016	E90