

From: Pemberton, Layne
To: ["Dwayne Allen"](#)
Subject: AR0021865 Eureka Springs CAP Progress report recvd
Date: Friday, September 18, 2015 9:31:00 AM
Attachments: [AR0021865_Eureka Springs SSO report_20150918.xls](#)
[image002.png](#)

Mr. Allen,

The Department has received your progress report and notes the challenges you are facing. Our records show that over the last year there have been five (5) SSOs. (See attached XLS Doc)

Please be aware that there have been twenty-five (25) effluent violations over the last three years. (See table below)

Continued violations of your permit effluent limits may result in formal enforcement action that will include a civil penalty.

**DMR Effluent Violations 09/01/2012 -
 09/18/2015**

**AR0021865 - EUREKA SPRINGS, CITY OF /
 Minor POTW - Effective: 03/01/2013**

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DMR End Date	Discharge Number	Parameter Description	Reported DMR Value	Permit Limit	Vio %	Violation Type	DMR Value Type Code	Parameter-Mon. Location-Season
04/30/2013	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	7.2	3.9	85%	Numeric Vio	C3	00610-1-2
05/31/2013	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	2.6	2.5	4%	Numeric Vio	C2	00610-1-0
05/31/2013	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	6.6	3.8	74%	Numeric Vio	C3	00610-1-0
06/30/2013	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	22.9	18.8	22%	Numeric Vio	Q1	00610-1-0
06/30/2013	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	6.2	2.5	148%	Numeric Vio	C2	00610-1-0
06/30/2013	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	7.6	3.8	100%	Numeric Vio	C3	00610-1-0
01/31/2014	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	15.5	7.5	107%	Numeric Vio	C3	00610-1-1
01/31/2014	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	38	15	153%	Numeric Vio	C3	80082-1-0
04/30/2014	001-A	Phosphorus, total [as P] (MO AVG, mg/L)	1.2	1	20%	Numeric Vio	C2	00665-1-0
07/31/2014	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	4.3	2.5	72%	Numeric Vio	C2	00610-1-0
07/31/2014	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	8.1	3.8	113%	Numeric Vio	C3	00610-1-0
07/31/2014	001-A	Phosphorus, total [as P] (MO AVG, mg/L)	1.8	1	80%	Numeric Vio	C2	00665-1-0
07/31/2014	001-A	Phosphorus, total [as P] (7 DA AVG, mg/L)	2.4	2	20%	Numeric Vio	C3	00665-1-0
08/31/2014	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	4.3	3.8	13%	Numeric Vio	C3	00610-1-0
08/31/2014	001-A	Phosphorus, total [as P] (MO AVG, mg/L)	2	1	100%	Numeric Vio	C2	00665-1-0
08/31/2014	001-A	Phosphorus, total [as P] (7 DA	2.5	2	25%	Numeric Vio	C3	00665-1-

		AVG, mg/L)						0
01/31/2015	001-A	Phosphorus, total [as P] (MO AVG, mg/L)	1.1	1	10%	Numeric Vio	C2	00665-1-0
04/30/2015	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	4.6	3.9	18%	Numeric Vio	C2	00610-1-2
04/30/2015	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	7.3	3.9	87%	Numeric Vio	C3	00610-1-2
05/31/2015	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	5.8	3.8	53%	Numeric Vio	C3	00610-1-0
06/30/2015	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	4	2.5	60%	Numeric Vio	C2	00610-1-0
06/30/2015	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	5.4	3.8	42%	Numeric Vio	C3	00610-1-0
07/31/2015	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	32.8	18.8	74%	Numeric Vio	Q1	00610-1-0
07/31/2015	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	6.6	2.5	164%	Numeric Vio	C2	00610-1-0
07/31/2015	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	13.2	3.8	247%	Numeric Vio	C3	00610-1-0

If you have any questions feel free to contact me.

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From: Dwayne Allen [mailto:dallen@cityofeurekasprings.org]
Sent: Thursday, September 17, 2015 5:14 PM
To: Pemberton, Layne
Subject: 0021865

Layne, Just updating you on our pump situation. We have had issues with the motive pump on #2 since late July. We had it back in service and had been limping it along, it till 09/01/2015, when the bearings arrived and it was taken off line. The shaft had enough wear to be replaced. We hope to be back on line next week. That still puts us over three weeks without wasting # 2. We have had only nutrient issues but now we have had to adjust our tank levels, as we have begun to have solid concerns. I will keep you up to date and if there any further delays we may have to run with one basin and declare an upset. The large pump replacement parts are very expensive and have seemed not to warrant stocking. I have tried to have a distributor stock them , but they still come from Fairbanks Morris. I will let you know as soon as we are back online or if there are any changes.

DAllen

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