



ARKANSAS ENERGY & ENVIRONMENT

October 7, 2020

Honorable Rhonda Halbrook, Mayor
City of Melbourne
P.O. Box 800
Melbourne, AR 72556

email: cityofmelbourne@centurytel.net

**RE: Permit Number: AR0020036, AFIN: 33-00026
Effluent Violation Warning Letter**

Dear Ms. Robertson:

A review of the Permit file for the above mentioned facility for the period of September 1, 2017 through September 30, 2020 reveals the following compliance issues:

The facility has reported **52 effluent violations** of Part I, Section A of Permit No. AR0020036:

DMR End Date	Discharge Number	Parameter Description	Reported DMR Value	Permit Limit	Vio %
10/31/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	52.95	13.3	298%
10/31/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	14.3	3.9	267%
10/31/2017	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	14.9	3.9	282%
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, lb/d)	67	34	97%
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	16.6	10	66%
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	21.4	15	43%
11/30/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	42.53	35.2	21%
11/30/2017	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	17.8	10.3	73%
03/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	0.1	.011	809%
04/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	910	200	355%
04/30/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	1066	400	167%
05/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	0.26	.011	2,264%
05/31/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	669	200	235%
05/31/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	730	400	83%
06/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	705	200	253%
06/30/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	765	400	91%
07/31/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	421	200	111%
07/31/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	627	400	57%
08/31/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	33.13	13.3	149%
08/31/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	15.7	3.9	303%
08/31/2018	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	20.8	3.9	433%
08/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	1.5	.011	13,536%

09/30/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	24.5	13.3	84%
09/30/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	<10.4	3.9	167%
09/30/2018	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	20.7	3.9	431%
09/30/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	1.32	.011	11,900%
09/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	207	200	4%
02/28/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.91	.011	8,173%
03/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.59	.011	5,264%
04/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.38	.011	3,355%
05/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.02	.011	27,355%
06/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	1.4	.011	12,627%
06/30/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	620	400	55%
07/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.27	.011	2,355%
07/31/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	613	400	53%
08/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	5.3	3.9	36%
08/31/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	8.7	3.9	123%
08/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	4	.011	36,264%
09/30/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	8.8	3.9	126%
09/30/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	9.3	3.9	138%
09/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.09	.011	27,991%
10/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	19.09	13.3	44%
10/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	6.4	3.9	64%
10/31/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	8.5	3.9	118%
10/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.9	.011	35,355%
11/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.33	.011	2,900%
12/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.25	.011	2,173%
02/29/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.52	.011	4,627%
04/30/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.63	.011	5,627%
05/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.5	.011	4,445%
06/30/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	564	400	41%
07/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.43	.011	3,809%

Non-compliance reports with corrective actions were received by the Division. Any violation of your Permit is subject to further enforcement action by this Division, pursuant to the Arkansas Water and Air Pollution Control Act. The regulations and your Permit require that you take all reasonable measures necessary to eliminate or prevent the occurrence of violations.

The last Corrective Action Plan (CAP) update submitted was on September 11, 2020. Please submit an update on the progress being made to correct the above repeated effluent violations by **December 15, 2020**.

Should you have any questions concerning the above referenced compliance issues, please feel free to contact me at 501-682-0056, or you may e-mail me at danielle.harbin@adeq.state.ar.us.

Sincerely,

A handwritten signature in cursive script that reads "Danielle Harbin".

Danielle Harbin
Enforcement Analyst, DEQ, OWQ
5301 Northshore Drive, North Little Rock, AR 72118

cc: Coy Dale, Superintendent, coydale49@gmail.com
James Dreher, PE Landmark Engineering, jdreher@landmarkeng.co