



ARKANSAS

ENERGY & ENVIRONMENT

August 18, 2020

Gary J. Little, Chairman
City of Walnut Ridge
216 Southwest Fourth Street
Walnut Ridge, AR 72476

RE: Permit Number: AR0046566, AFIN: 38-00040
Effluent Violation Warning Letter - Mercury

Dear Mr. Little

A review of the Permit file for the above mentioned facility for the period of August 1, 2019 (date of executed CAO amendment) through August 31, 2020 reveals the following compliance issues:

The facility has reported **75 effluent violations** of Part I, Section A of Permit No. AR0046566:

DMR End Date	Discharge Number	Parameter Description	Reported DMR Value	Permit Limit	Vio %
08/31/2019	001-A	Oxygen, dissolved [DO] (INST MIN, mg/L)	4.13	5	17%
08/31/2019	001-A	Solids, total suspended (7 DA AVG, mg/L)	56	22.5	149%
08/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.24	.011	2,082%
08/31/2019	001-A	Mercury, total recoverable (MO AVG, lb/d)	0.07	.000133	52,533%
08/31/2019	001-A	Coliform, fecal general (30DA GEO, #/100mL)	705	200	253%
08/31/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	5920	400	1,380%
09/30/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	6.7	6	12%
09/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.26	.011	2,264%
09/30/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	552	400	38%
10/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.37	.011	3,264%
11/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.33	.011	2,900%
12/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	12.7	6	112%
12/31/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	20.9	9	132%
12/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.88	.011	7,900%
01/31/2020	001-A	Solids, total suspended (MO AVG, mg/L)	17.9	15	19%
01/31/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	32	22.5	42%
01/31/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	10	6	67%
01/31/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	21.9	9	143%
01/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.1	.011	809%
01/31/2020	001-A	Mercury, total recoverable (MO AVG, ug/L)	0.02	.0134	49%

Division of Environmental Quality

5301 Northshore Drive, North Little Rock, AR 72118-5137
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01/31/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	5262	2000	163%
01/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	10.2	10	2%
01/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	15.3	15	2%
02/29/2020	001-A	Oxygen, dissolved [DO] (INST MIN, mg/L)	5.63	6	6%
02/29/2020	001-A	Solids, total suspended (MO AVG, lb/d)	326.1	148.9	119%
02/29/2020	001-A	Solids, total suspended (MO AVG, mg/L)	28.8	15	92%
02/29/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	67	22.5	198%
02/29/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	162.9	59.5	174%
02/29/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	14.5	6	142%
02/29/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	24.2	9	169%
02/29/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.08	.011	627%
02/29/2020	001-A	Coliform, fecal general (30DA GEO, #/100mL)	2332	1000	133%
02/29/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	6320	2000	216%
02/29/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, lb/d)	187.6	99.2	89%
02/29/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	17.4	10	74%
02/29/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	28.4	15	89%
03/31/2020	001-A	Solids, total suspended (MO AVG, lb/d)	202	148.9	36%
03/31/2020	001-A	Solids, total suspended (MO AVG, mg/L)	24.8	15	65%
03/31/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	39	22.5	73%
03/31/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	135.7	59.5	128%
03/31/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	20.9	6	248%
03/31/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	32.7	9	263%
03/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.04	.011	264%
03/31/2020	001-A	Coliform, fecal general (30DA GEO, #/100mL)	6001	1000	500%
03/31/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	9350	2000	368%
03/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, lb/d)	138.7	99.2	40%
03/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	18.3	10	83%
03/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	29	15	93%
04/30/2020	001-A	Solids, total suspended (MO AVG, mg/L)	18.2	15	21%
04/30/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	44	22.5	96%
04/30/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	72.67	59.5	22%
04/30/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	15	6	150%
04/30/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	28.3	9	214%
04/30/2020	001-A	Mercury, total recoverable (MO AVG, lb/d)	0.0008	.000133	502%
04/30/2020	001-A	Mercury, total recoverable (MO AVG, ug/L)	0.026	.0134	94%
04/30/2020	001-A	Coliform, fecal general (30DA GEO, #/100mL)	<437	200	118%
04/30/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	9540	400	2,285%
04/30/2020	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	14.9	10	49%

04/30/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	34.1	15	127%
05/31/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	26	22.5	16%
05/31/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	67	39.7	69%
05/31/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	12.4	4	210%
05/31/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	17.1	6	185%
05/31/2020	001-A	Mercury, total recoverable (MO AVG, lb/d)	0.0003	.000133	126%
05/31/2020	001-A	Mercury, total recoverable (MO AVG, ug/L)	0.017	.0134	27%
05/31/2020	001-A	Coliform, fecal general (30DA GEO, #/100mL)	342	200	71%
05/31/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	1716	400	329%
05/31/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	21.3	15	42%
06/30/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	24	22.5	7%
06/30/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	70	39.7	76%
06/30/2020	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	21.5	4	438%
06/30/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	35.9	6	498%
06/30/2020	001-A	Mercury, total recoverable (MO AVG, ug/L)	0.018	.0134	34%
06/30/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	1224	400	206%
06/30/2020	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	31	15	107%

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.

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,



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

cc: Jonathan Kopp, GM, jonathan.kopp@yahoo.com
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