

Date of review: 06/24/2020

Reviewer: MVL

Comment: The facility has had a number of Nitrogen Ammonia and Nitrogen Nitrate violations. Several recent repairs and changes have been undertaken to address the issues in conjunction with plan from MCE. April 2020 was within all limits, and May has not been reported as of the date of this review.

ENFORCEMENT COMPLIANCE REVIEW

AR0044016 - ARKANSAS DEPT OF CORRECTION-NCU-IZARD COUNTY FACILITY (33-00036)

1. Violations in Past 3 years:

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Limit Value	Vio %	Vio Code	DMR Value Recd Date	Days Late	N O D I	NODI Desc	DMR Value Type Code	Parameter Code
09/30/2017	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, lb/d)	7.7	7.5	3%	Numeric Vio	11/6/17	12			Q1	80082-1-0
10/31/2017	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, lb/d)	9.7	7.5	29%	Numeric Vio	12/18/17	23			Q2	00620-1-0
10/31/2017	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, mg/L)	11	10	10%	Numeric Vio	12/18/17	23			C3	00620-1-0
05/31/2018	001-A	Oxygen, dissolved [DO] (INST MIN, mg/L)	3.3	5	34%	Numeric Vio	6/15/18				C1	00300-1-0
10/31/2018	001-A	Oxygen, dissolved [DO] (INST MIN, mg/L)	3.1	5	38%	Numeric Vio	12/5/18	10			C1	00300-1-0
12/31/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	5.1	5	2%	Numeric Vio	1/10/19				C2	00610-1-1
02/28/2019	001-A	Solids, total suspended (MO AVG, lb/d)	14.3	11.3	27%	Numeric Vio	3/18/19				Q1	00530-1-0
02/28/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	9.2	3.8	142%	Numeric Vio	3/18/19				Q1	00610-1-1
02/28/2019	001-A	Nitrogen, ammonia total [as N] (DAILY MX, lb/d)	9.2	5.6	64%	Numeric Vio	3/18/19				Q2	00610-1-1
02/28/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	9.6	5	92%	Numeric Vio	3/18/19				C2	00610-1-1
02/28/2019	001-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)	9.6	7.5	28%	Numeric Vio	3/18/19				C3	00610-1-1
02/28/2019	001-A	Coliform, fecal general (30DA GEO, #/100mL)	350	200	75%	Numeric Vio	3/18/19				C2	74055-1-0
02/28/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	350	200	75%	Numeric Vio	3/18/19				C3	74055-1-0
05/31/2019	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, lb/d)	7.7	7.5	3%	Numeric Vio	6/13/19				Q2	00620-1-0

08/31/2019	001-A	Solids, total suspended (MO AVG, lb/d)	13.6	11.3	20% Vio	Numeric	9/17/19				Q1	00530-1-0
08/31/2019	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, lb/d)	9.1	7.5	21% Vio	Numeric	9/17/19				Q2	00620-1-0
12/31/2019	001-A	Solids, total suspended (MO AVG, lb/d)	16.5	11.3	46% Vio	Numeric	1/24/20				Q1	00530-1-0
02/29/2020	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, lb/d)	11.5	7.5	53% Vio	Numeric	3/24/20				Q2	00620-1-0
02/29/2020	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, mg/L)	11	10	10% Vio	Numeric	3/24/20				C3	00620-1-0
02/29/2020	001-A	Coliform, fecal general (30DA GEO, #/100mL)	220	200	10% Vio	Numeric	3/24/20				C2	74055-1-0
02/29/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	220	200	10% Vio	Numeric	3/24/20				C3	74055-1-0
03/31/2020	001-A	Nitrogen, nitrate total [as N] (MAXIMUM, lb/d)	7.9	7.5	5% Vio	Numeric	4/29/20	4			Q2	00620-1-0

2. How many times in the past 3 years has the Permittee reported No-Discharge? 0

3. How many times in the past 3 years has the Facility reported flow greater than their Design Flow? 35

4. How many times in the past 3 years has the Facility reported No Data Indicator (NODI) codes (other than "C") on their DMRs? 1 When and for what? NODI B – Below Detection Limit; April 2018 through April 2018

5. Has the Facility submitted adequate Non-Compliance Reports for all effluent violations?

Yes XX No N/A . June and Sep 2017 were not in PDS; Unable to check Zylab

6. Did the Facility correct the problem? Yes XX No N/A

7. Is the Facility on the Significant Non Compliance Reduction List? Yes No XX

8. Did we take any action to resolve the above violations?

Yes XX Explain: Warning Letter, Nov 19, 2019; Meeting Dec 2, 2019

No Why?

9. A CAP was requested on for the following reasons:

10. Number of reported Bypasses/Unpermitted Discharges/SSOs (if applicable): 0

a. Of those Unpermitted Discharges, how many greater than 1,000 gallons? 0

11. The Facility had a CAO/NOV/DAO issued on for the following reasons:

12. The CAO/NOV/DAO is:

closed on _____

still open _____

13. The Facility met the compliance schedules in the order. If not, any action taken?

14. A non-compliance letter(s) was sent to the Facility regarding effluent violations/DMR non-receipts/Deficient DMR/Fees/Deficient non-compliance reports.

Yes No When

15. How many violations for late DMRs or DMR non-receipts are there? 7

Any action taken? Resolved

16. What corrective actions were taken for item above and are they in compliance now? Warning; Meeting; They are compliant.

17. The facility [has/has not] met the compliance schedule with the permit for the following reports: NA

18. Was the permit renewal application timely submitted? Yes

19. Does the Facility currently employ an appropriately licensed Operator? Yes

20. The date of the last inspection for this facility was: January 15, 2019 Are there any inspection violations Permits needs to be aware of? No

21. Permit fees [are/are not] current. Unable to confirm due to lack of VPN access while working remotely.

22. Has a NetDMR account been set up for the Facility's DMR data submittals? Yes

23. Based on information above are you able to solve compliance issue prior to issuance of the permit?
Yes No

24. Other helpful information None