NPDES Permit No. AR0000752
El Dorado Chemical Company
Outfall 010 Non-Compliance Report
January 2023

All parameters sampled at 010 were within permit limits except for the following:

Parameter	Date	Permit Limit	Sample Result
Nitrogen, ammonia total [as N] Daily Maximum	1/3/23	605 lbs./day	853.44 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/4/23	605 lbs./day	853.21 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/5/23	605 lbs./day	910.45 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/10/23	605 lbs./day	890.19 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/11/23	605 lbs./day	934.90 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/12/23	605 lbs./day	1043.83 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/17/23	605 lbs./day	1055.20 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/18/23	605 lbs./day	1092.33 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/19/23	605 lbs./day	1134.97 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/24/23	605 lbs./day	994.99 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/25/23	605 lbs./day	1091.25 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	1/26/23	605 lbs./day	1078.72 lbs./day
Nitrogen, ammonia total [as N] Monthly Average	1/1/23-1/31/23	265.2 lbs./day	960.01 lbs./day
Nitrogen, nitrate total [as N] Monthly Average	1/1/23-1/31/23	581.3 lbs./day	1053.98 lbs./day

Due to the numerous rain events over the last several months, facility has maxed out its ability to reuse and recycle process wastewater streams. This results in elevated NH3-N and NO3-N in the storage lagoon. The site is investigating significant stormwater runoff into Lake Killdeer from the upslope areas surrounding Lake Killdeer that are not inside the production area footprint. Solutions to minimize this influent to Lake Killdeer are being evaluated. El Dorado Chemical Company has hired consultants that are currently analyzing the water balance for the facility as we work to develop plans to reduce the source load at the facility.