

NPDES Permit No. AR0000752
El Dorado Chemical Company
Outfall 101ST Non-Compliance Report
January 2024

All parameters sampled for 101ST (sum total outfall for 001+002) exceeded permit limits:

Parameter	Date	Permit Limit	Sample Result
Nitrogen, Nitrate total [as N] Monthly Average	1/10/24-1/29/24	581.3 lbs./day	2220.85 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/10/24	1568.3 lbs./day	2130.95 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/11/24	1568.3 lbs./day	1769.41 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/24/24	1568.3 lbs./day	2952.63 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/25/24	1568.3 lbs./day	3276.13 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/26/24	1568.3 lbs./day	2833.98 lbs./day
Nitrogen, Nitrate total [as N] Daily Maximum	1/28/23	1568.3 lbs./day	2913.81 lbs./day

The values reported above are representative of Outfall 001 as there was no discharge from Outfall 002 in the month of January. Due to numerous rain events and significant rainfall, the level and volume of Lake Kildeer rose significantly. Outfall 001 was opened twice during the month of January in efforts to avoid overflowing into the emergency spillway. Because of the numerous rain events, concentrations of Nitrates and Ammonia have been increasing in Lake Kildeer due to overflow of process Pond 004. EDC is implementing plans to reduce the source load at the facility and long-term treatment solutions.