

**NPDES Permit No. AR0000752**  
**El Dorado Chemical Company**  
**Outfall 102ST Non-Compliance Report**  
**March 2024**

All parameters sampled for 102ST (sum total outfall for 001+003) exceeded permit limits:

Parameter	Date	Permit Limit	Sample Result
Chloride [as Cl] Daily Maximum	3/11/24	397.5 lbs./ day	1080.89 lbs./day
Chloride [as Cl] Monthly Average	3/11/24	265.0 lbs./day	1080.89 lbs./day
Sulfate, total [as SO4] Daily Maximum	3/11/24	754.5 lbs./day	1367.16 lbs./day
Sulfate, total [as SO4] Monthly Average	3/11/24	503.0 lbs./day	1367.16 lbs./day
Solids, total dissolved Daily Maximum	3/11/24	2007.0 lbs./day	13833.41 lbs./day
Solids, total dissolved Monthly Average	3/11/24	1338.0 lbs./day	13833.41 lbs./day

The concentration limitations for Chlorides (as Cl), Sulfates (as SO<sub>4</sub>), and TDS were exceeded during the month of March. These values are representative of the monthly average data for Outfalls 001 and 003. These monthly samples were collected on the same day, March 11, 2024. Due to numerous rain events and significant rainfall, the level and volume of Lake Kildeer rose significantly. Utilization of Outfall 001 resulted in higher loading for the sum total outfall. Outfall 001 was opened during the month of March in efforts to avoid overflowing into the emergency spillway. Due to a heavy rainfall event on March 15<sup>th</sup>, overflow into the spillway was not avoided and the outfall had to remain open for an extended period of time. EDC is implementing plans to reduce the source load at the facility and long-term treatment solutions.