

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

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

<b>Parameter</b>	<b>Date</b>	<b>Permit Limit</b>	<b>Sample Result</b>
Nitrogen, ammonia total [as N] Daily Maximum	11/01/23	605 lbs./day	679.93 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	11/09/23	605 lbs./day	845.77 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum	11/30/23	605 lbs./day	646.30 lbs./day
Nitrogen, ammonia total [as N] Monthly Average	11/1/23-11/30/23	265.2 lbs./day	460.63 lbs./day
Nitrogen, nitrate total [as N] Monthly Average	11/1/23-11/30/23	581.3 lbs./day	641.32 lbs./day

El Dorado Chemical Company has been implementing additional measures to limit wastewater discharges following the receipt of the August 4, 2023 “Interim Measures” letter and the September 15, 2023 Corrective Action Plan. For a short-term solution, El Dorado Chemical Company has permitted a temporary cooling tower to operate as an ammonia stripper to remove ammonia from Lake Lee, this is a point upstream that directly discharges to Lake Kildeer. The cooling tower became operational on July 21<sup>st</sup>. Additionally, EDC is working to develop plans to reduce the source load at the facility and long-term treatment solutions. EDC adjusted flows to decrease loadings when the risk of overflowing into the emergency spillway was minimal. EDC ran at a reduced discharge rate from November 2-7, 2023, and November 14-29, 2023. In doing so, we limited our daily maximum exceedances to just three days in November. EDC has decreased the average ammonia loading by approximately 80% and average nitrate loading by approximately 68% since July 2023.