

NPDES Permit No. AR0033723
City of El Dorado – South Plant
010S Outfall
Non-Compliance Report
August 2025

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

Outfall	Parameter	Date	Permit Limit	Sample Result
010S	Total Suspended Solids (TSS)	08/04/2025	Daily Maximum 45 mg/L	100 mg/L
010S	Total Suspended Solids (TSS)	08/12/2025	Daily Maximum 45 mg/L	180 mg/L
010S	Total Suspended Solids (TSS)	08/31/2025	Daily Maximum 45 mg/L	92 mg/L
010S	Total Suspended Solids (TSS)	August	Monthly Average 30 mg/L	31.3 mg/L
010S	Total Suspended Solids (TSS)	08/12/2025	Daily Maximum 2627.1 lbs/day	3479.8 lbs/day
010S	Total Suspended Solids (TSS)	08/31/2025	Daily Maximum 2627.1 lbs/day	3520.3 lbs/day

Elevated TSS concentrations in August were due to issues with the DAF units. On DAF 1, the diffusers on the re-air tank of were cleaned and the impeller on the re-air tank pump was replaced. On DAF 2, the re-circ pump motor was replaced. TSS concentrations were within permit limitations the remainder of the month. The City of El Dorado will continue to carefully monitor the treatment system and maintain appropriate TSS concentrations.