

NPDES Permit No. AR0000752
El Dorado Chemical Company
Outfall 003 Non-Compliance Report
July 2023

All parameters sampled at 003 were within permit limits except for the following:

Parameter	Date	Permit Limit	Sample Result
Nitrogen, ammonia total [as N] Daily Maximum-Loading	7/6/23	1.1 lbs./day	1.215 lbs./day
Nitrogen, ammonia total [as N] Monthly Average-Loading	7/6/23	0.7 lbs./day	1.215 lbs./day
Nitrogen, ammonia total [as N] Daily Maximum-Concentration	7/6/23	7.5 mg/L	7.9 mg/L
Nitrogen, ammonia total [as N] Monthly Average-Concentration	7/6/23	5.0 mg/L	7.9 mg/L

Ammonia concentrations are tested at least once every 90 days at Outfall 003. This quarterly sample was collected on July 6, 2023, and results were received on July 7th. The results indicated an elevated concentration of Ammonia above the permitted concentration daily maximum as well as monthly average. This along with the measured flow resulted in exceeding the loading limits as well. The intent was to collect additional samples in order to bring the monthly averages down. Chlorine dosing was performed in efforts to reduce the ammonia concentrations but was unsuccessful. Samples were taken and tested at our in-house lab at least once a week. The analysis did not show evidence that there was any reduction in the concentrations.