

Water Quality & Compliance Report

ABC INDUSTRIES LTD.

Plant Capacity : 500KLD

From : 28 May 2026 16:24

To :29 May 2026 16:24

Water Quality Compliance KPIs

COD Removal

92.22 %
Efficiency

BOD Removal

94.87 %
Efficiency

TSS Removal

94.75 %
Efficiency

Ammonia Removal

81.85 %
Efficiency

Inlet Water Quality Analysis

Parameter	Minimum	Average	Maximum
COD	117.25 mg/L	590.1 mg/L	1,190.4 mg/L
BOD	98.07 mg/L	320.29 mg/L	592.04 mg/L
TSS	52.08 mg/L	346.4 mg/L	795.55 mg/L
Ammonia	1.56 mg/L	34.84 mg/L	76.5 mg/L
Conductivity	377.5 µS/cm	2,411.61 µS/cm	4,871.37 µS/cm

Outlet Water Quality Analysis

Parameter	Minimum	Average	Maximum
COD	1.7 mg/L	34.93 mg/L	79.72 mg/L
BOD	0.23 mg/L	12.69 mg/L	29.21 mg/L
TSS	0.71 mg/L	13.18 mg/L	29.77 mg/L
Ammonia	0	3.66 mg/L	9.97 mg/L
Conductivity	209.57 µS/cm	2,352.31 µS/cm	4,823.23 µS/cm
Turbidity	0.2 NTU	3.9 NTU	9.8 NTU
Residual Chlorine	0	1.21 mg/L	2 mg/L
TDS	102.75 mg/L	1,332.74 mg/L	2,972.68 mg/L