



# Accreditation Scope

**Al-Wathba Laboratory - Abu Dhabi Sewerage Services Company (ADSSC),**

**NAL 087**

**Testing Laboratory, (ISO/IEC 17025:2017)**

**Al Wathba, Abu Dhabi, UAE**

**Issue Date: 04-12-2022**

**Expiry Date: 01-08-2024**

**Issue No: 07**

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Physical	Raw Sewage, Treated Effluent and Trade effluent	Total Suspended Solids 0.5 – 10,000 mg/L	APHA 2540 D 23 <sup>rd</sup> Edition: 2017	P
		Electrical Conductivity 5 to 200,000 µS/cm	APHA 2510 B 23 <sup>rd</sup> Edition: 2017	P
		Total Dissolved Solid @180 C 10 – 10,000 mg/L	APHA 2540 C 23 <sup>rd</sup> Edition: 2017	P
Physical	Treated Effluent	Turbidity 0.1 – 100 NTU	APHA 2130 B 23 <sup>rd</sup> Edition: 2017	P
Chemical	Raw Sewage, Treated Effluent and Trade effluent	Biochemical Oxygen Demand – 5-days (BOD5) 0.5 – 2,000 mg/L	APHA 5210B 23 <sup>rd</sup> Edition: 2017	P
		pH 1 to 13 pH units	APHA 4500 H <sup>+</sup> B 23 <sup>rd</sup> Edition: 2017	P
		Ammonia Nitrogen 0.1 – 300 mg/L	APHA 4500 NH <sub>3</sub> D 23 <sup>rd</sup> Edition: 2017	P
		Chemical Oxygen Demand 5 to 2,000 mg/L	HACH Dichromate Method 8000- 2013-07	P
		Total Alkalinity 10mg/L to 500 mg/L	APHA 2320 B 23 <sup>rd</sup> Edition: 2017	P
		Total Organic Carbon 0 – 30,000 mg/L	APHA 5310 B 23 <sup>rd</sup> Edition: 2017	P
		Sulphate 2- 70 mg/L	HACH Method – 8051 SulfaVer 4 Turbidimetric Method	P
Total Phosphorous 0.05 – 20.0 mg/L PO4-P	HACH Phosphor molybdenum Blue Method 03/2019 Edition 3	P		



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Chemical	Treated Effluent and Trade effluent	Fluoride 0.1 – 2.5 mg/L	HACH SPANDS 2 Method 10225 Edition 12/2013	P
	Treated Effluent	Residual Chlorine 0.1 – 10 mg/L	APHA 4500 Cl G 23 <sup>rd</sup> Edition: 2017	P
Biological	Treated Effluent	Intestinal Enterococci 1 to 2419.6 MPN/100ml	APHA 9230 D 23 <sup>rd</sup> Edition: 2017 IDEXX Method	P
	Treated Effluent	Escherichia Coli 1 to 2419.6 MPN/100ml	APHA 9223B 23 <sup>rd</sup> Edition: 2017 IDEXX	P
	Treated Effluent	Faecal Coliform 1 to 2419.6 MPN/100ml	IDEXX Method (Defined Substrate Technology)	P
<b>END</b>				