


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 8326 Accredited to ISO/IEC 17025:2017	National Water Company Issue No: 007 Issue date: 11 August 2021	
	Regional Laboratory for Western Region, National Water Company Jeddah Business Unit P.O box 8504 Jeddah 21492 Makarona St Jeddah Kingdom Of Saudi Arabia	Contact: Mohammed H Abudiyab Tel: +966-2-260-7834 E-Mail: mabudiyab@nwc.com.sa Website: www.nwc.com.sa

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Regional Laboratory for Western Region, National Water Company Jeddah Business Unit P.O box 8504 Jeddah 21492 Makarona St Jeddah Kingdom Of Saudi Arabia	Local contact Mohammed H Abudiyab Tel: +966-2-260-7834 Fax: N/A E-Mail: mabudiyab@nwc.com.sa Website: www.nwc.com.sa	Chemical Testing Microbiological Testing A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All site locations suitable for the activities listed	Sampling Chemical Testing	B



8326

Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

National Water Company

Issue No: 007 **Issue date:** 11 August 2021

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Drinking Water	<u>Chemical Testing:</u> pH (On site testing)	Documented In-House Methods based on procedures as detailed below: Method TM/DW/SA/01 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (4500-H+ B)	B
Drinking Water	Conductivity (On site testing)	Method TM/DW/SA/02 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (2510)	B
Drinking Water	pH	Method TM/DW/SA/01 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (4500-H+ B)	A
Drinking Water	Conductivity	Method TM/DW/SA/02 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (2510)	A
Drinking Water	Total Alkalinity	Method TM/DW/CH-INO/01 based on Standard Method for the Examination of water and Wastewater, 23 rd Edition, 2017 (2320)	A
Drinking Water	Total Dissolved Solids (TDS)	Method TM/DW/CH-INO/05 based on Standard Method for the Examination of water and Wastewater, 23 rd Edition, 2017 (2540 D)	A



8326

Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

National Water Company

Issue No: 007 **Issue date:** 11 August 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Drinking Water	<u>Chemical Testing:</u> (cont'd) Total Hardness	Documented In-House Methods based on procedures as detailed below: Method TM/DW/CH-INO/04 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (2340 C)	A
Drinking Water	Dissolved Anions: Bromate Chloride Nitrate Sulphate	Method TM/DW/CH-INO/06 by ion chromatography	A
Drinking Water	Dissolved Cations Calcium Magnesium Sodium	Method TM/DW/CH-INO/07 by ion chromatography	A
Drinking Water	Iron (dissolved)	Method TM/DW/CH-INO/03 based on Standard Method for the Examination of water and Wastewater , 23 rd Edition, 2017 (3500-Fe IRON) Standard	A
Drinking Water	Ammonia	Method TM/DW/CH-INO/02 based on Methods for the Examination of water and Wastewater , 23 rd Edition, 2017 (4500 NH3 Nitrogen)	A



8326

Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

National Water Company

Issue No: 007 **Issue date:** 11 August 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Drinking Water	<u>Microbiological Testing:</u> Total coliform and e-coli	Documented In-House Methods based on procedures as detailed below: Method TM/DW/MB/01 Using colilert.	A
Crude Sewage Treated Sewage Effluent	Biochemical Oxygen Demand (BOD)	Method TM/WW/CH/02 by respirometry (measurement of O ₂ via oxygen meter)	A
Crude Sewage Treated Sewage Effluent	Chemical Oxygen Demand (COD)	Method TM/WW/CH/01 by spectrophotometry (120 minutes digestion at 150°C) APHA Standard Methods 23 rd Edition , 2017 (APHA SMEWW 5220 D) with spectrophotometric determination according to DIN 38409-H41-H44	A
Crude Sewage Treated Sewage Effluent	Metals: Arsenic Cadmium Chromium Copper Lead Nickel Selenium Zinc	Method TM/WW/CH/03 by microwave digestion and ICP-OES	A
From: Service Reservoirs, Fixed Network Distribution Sample Taps	<u>Sampling</u> Sampling of drinking water for subsequent Chemical and Microbiological testing at an accredited laboratory	Method SOP/DW/SA/01	B
END			