



American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited


## WATER AUTHORITY - CAYMAN

*Grand Cayman, CAYMAN ISLANDS*

for technical competence in the field of  
**Environmental Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 17<sup>th</sup> day of December 2013.

  
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President & CEO

For the Accreditation Council  
Certificate Number 1931.01  
Valid to November 30, 2015



*For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.*



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WATER AUTHORITY- CAYMAN  
 13 G Red Gate Road, PO Box 1104, GT  
 Grand Cayman, Cayman Islands, BWI  
 Marcela Martinez-Ebanks Phone: 345 949 2837

ENVIRONMENTAL

Valid To: November 30, 2015

Certificate Number: 1931.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the 2009 TNI Standard), accreditation is granted to this laboratory to perform recognized Standard Methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Colorimetry, Microbiology, Spectrophotometry (Visible), Electronic Probes (pH, O<sub>2</sub>), Oxygen Demand

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>
<b><u>Demands</u></b>		
BOD	-----	SM 5210B
COD	-----	SM 5220D
<b><u>Wet Chemistry</u></b>		
Chlorine Free	SM 4500Cl G	SM 4500Cl G
Chlorine Total	SM 4500Cl G	SM 4500Cl G
Conductivity	SM 2510B	SM 2510B
pH	SM 4500H <sup>+</sup> B	SM 4500H <sup>+</sup> B
Sulfide	SM 4500S <sup>2-</sup>	SM 4500S <sup>2-</sup>
Total Dissolved Solids	SM 2540C	SM 2540C
Total Suspended Solids	-----	SM 2540D
<b><u>Microbiology</u></b>		
Enterococci	-----	SM 9230C Enterolert
<i>Escherichia coli</i> Confirmation	SM 9222G	SM 9222G
<i>E. coli</i> / Total Coliform with Coli-18	SM 9223B	SM 9223B
Fecal Coliform (MF)	SM 9222 D	SM 9222 D
Total Coliform (MF)	SM 9222B	SM 9222B
Heterotrophic Plate Count	SM 9215D	SM 9215D

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u>
<b><u>Photometric</u></b>		
Phosphorus, Reactive	-----	SM 4500 P-C SM 4500 P-E
Phosphorus, Total	-----	SM 4500 P-B&C SM 4500 P-B&E
Silica	-----	SM 4500-SiO <sub>2</sub> C
Nitrite	-----	SM 4500-NO <sub>2</sub> B
Nitrate-Nitrite	-----	SM 4500-NO <sub>3</sub> E
Nitrate	-----	SM 4500-NO <sub>3</sub> E
Ammonia	-----	SM 4500-NH <sub>4</sub> C (1988)
Nitrogen, Total	-----	SM 4500-N C