

## Laboratory Accreditation Programmes

 Schedule to  
**CERTIFICATE OF ACCREDITATION**

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<b>Authorised Representative</b> Mrs Debra McLachlan SI Quality Assurance and Health and Safety Coordinator	
<b>Programme</b> Chemical Testing Laboratory  <b>Accreditation Number 1016</b>	
<b>Initial Accreditation Date 17 March 2009</b>	
<b>Conformance Standard</b> NZS ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories	
<b>Testing Services Summary</b> <b>Asbestos</b> 2.64                      Asbestos  <b>Water Chemistry</b> 2.41                      Waters	
<b>Key Technical Personnel</b> <b>Asbestos</b> Mr John Paglingayen                      2.64(a)(b) Mr Dexter Paguirigan                      2.64(a)(b) Mr Rhodri Williams                      2.64(a)(b)  <b>Water Chemistry</b> Ms Karyn Addison                      2.41 Miss Xiaozheng (Nadia) Ni                      2.41 Mr Craig Radford                      2.41(selected)	

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Hill Laboratories  
 Chemical Testing Laboratory  
**SCOPE OF ACCREDITATION**

Accreditation Number 1016

**Asbestos**

**2.64 Asbestos**

**(a) Identification**

Bulk identification of asbestos using polarised light microscopy (PLM)

AS4964:2004 Method for the Qualitative Identification of Asbestos in Bulk Samples

**(b) Fibre Counts**

Determination of air-borne asbestos fibre counts on membrane filters by light microscopy

National Occupational Health & Safety Commission: 3003(2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres (2<sup>nd</sup> Ed)

**Water Chemistry**

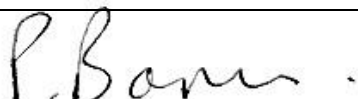
**2.41 Waters**

- (a) Potable waters**
- (b) Non-potable waters**
- (c) Sewage**
- (d) Effluents and trade wastes**

The following tests are in accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (23<sup>rd</sup> Edition) except where otherwise indicated.

Acidity	2310 B (modified)
Alkalinity	2320 B (modified)
Biochemical Oxygen Demand (BOD)	5210 B (modified)
Biochemical Oxygen Demand (BOD)	In-house
Colour	2120 B
Conductivity	2510 B
Chlorophyll <i>a</i> and <i>pheophytin a</i> by fluorometer (acidification and non-acidification methods)	10200H (modified)
Dissolved Oxygen	4500-O C
Fixed and volatile solids	2540 E
pH	4500-H <sup>+</sup> B
Settleable solids	2540 F
Solids - TDS 105°C	2540 C (modified)
Total solids	2540 B
Total suspended solids	2540 D

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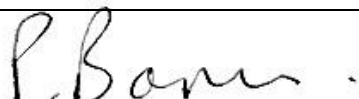


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Turbidity 2130 B (modified)  
Turbidity ISO 7027 (modified)**(g) Marine waters**Colour 2120 B  
Conductivity 2510 B  
Chlorophyll *a* and *pheophytin a* by fluorometer 10200H (modified)  
(acidification and non-acidification methods)Authorised:  
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