

Certificate of Analysis

Laboratory Reference: 150915-156

Attention:		Final Report:	153092-0
Client:	WATERCARE SERVICES LTD	Report Issue Date:	23-Sep-2015
Address:		Received Date:	15-Sep-2015
Client Reference:	Hunua Project daily block 2 1300	Quote Reference :	5956
Purchase Order:	X-23010-ST-006		

Sample Details	WATERS	WATERS	WATERS	WATERS
Lab Sample ID:	150915-156-1	150915-156-3	150915-156-4	150915-156-5
Client Sample ID:				
Sample Date/Time:	15/09/2015 14:06	15/09/2015 14:29	15/09/2015 15:04	15/09/2015 14:16
Description:	Mangatangi Valve Tower SUB 1300	Mangatangi East Pukapuka 1300	Mangatangi DS Morearea 1300	Mangatangi DS Hororua 1300

Sample Parameters and Field Testing				
Time				
Time Sampled	02:06:00 PM *	02:29:00 PM *	03:04:00 PM *	02:16:00 PM *
Organics				
1080				
1080 (Sodium fluoroacetate)	mg/L	-	<0.00005	<0.00005
Subcontracting				
		0000011229.pdf *	-	-

Sample Details	WATERS
Lab Sample ID:	150915-156-6
Client Sample ID:	
Sample Date/Time:	15/09/2015 14:07
Description:	Mangatangi Valve Tower 1300

Sample Parameters and Field Testing	
Time	
Time Sampled	02:07:00 PM *
Organics	
1080	
1080 (Sodium fluoroacetate)	mg/L
	<0.00005

Results marked with * are not accredited to International Accreditation New Zealand

Where samples have been supplied by the client they are tested as received. A dash indicates no test performed.

Reference Methods

The sample(s) referred to in this report were analysed by the following method(s)

Analyte	Method Reference	MDL	Samples	Location
Sample Parameters and Field Testing				
Time				
Time Sampled			All	Auckland
Organics				
1080				
1080 (Sodium fluoroacetate)	In house by LCMS	0.00005 mg/L	3, 4, 5, 6	Auckland
Subcontracting				
COA 1080	As per Subcontractor Method		1	Auckland

The method detection limit (MDL) listed is the limit attainable in a relatively clean matrix. If dilutions are required for analysis the detection limit may be higher. For more information please contact the Operations Manager.

Appendix 1 - Result Images

Lab Sample ID 150915-156-1

Client Sample ID 2209260

Sampling Point

Mangatangi Valve Tower SUB 1300

Samples, with suitable preservation and stability of analytes, will be held by the laboratory for a period of two weeks after results have been reported, unless otherwise advised by the submitter.

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Tests indicated as
not accredited are outside
the scope of the
laboratory's accreditation

Report Signatory 23/09/2015

A handwritten signature in blue ink, appearing to read 'Peter Boniface', written over a light grey rectangular background.

Peter Boniface
KTP Signatory