

Certificate of Analysis

Laboratory Reference: 150914-119

Attention:		Final Report:	153087-0
Client:	WATERCARE SERVICES LTD	Report Issue Date:	23-Sep-2015
Address:		Received Date:	14-Sep-2015
Client Reference:	Hunua Project daily block 2	Quote Reference :	5956
Purchase Order:	X-23010-ST-006		

Sample Details	WATERS	WATERS	WATERS	WATERS
Lab Sample ID:	150914-119-2	150914-119-7	150914-119-8	150914-119-9
Client Sample ID:				
Sample Date/Time:	14/09/2015 16:32	14/09/2015 16:56	14/09/2015 17:02	14/09/2015 17:17
Description:	Cosseys Valve Tower SUB	Cosseys Orum	Cosseys DS Cosseys Creek Arm	Cosseys DS Maori Stream

Sample Parameters and Field Testing				
Time				
Time Sampled	04:32:00 PM *	04:56:00 PM *	05:02:00 PM *	05:17:00 PM *
Organics				
1080				
1080 (Sodium fluoroacetate)	mg/L	-	<0.00005	<0.00005
Subcontracting				
		0000011227.pdf *	-	-

Sample Details	WATERS
Lab Sample ID:	150914-119-10
Client Sample ID:	
Sample Date/Time:	14/09/2015 16:31
Description:	Cosseys Valve Tower

Sample Parameters and Field Testing	
Time	
Time Sampled	04:31:00 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	7, 8, 9, 10	Auckland
Subcontracting				
COA 1080	As per Subcontractor Method		2	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 150914-119-2

Client Sample ID 2208167

Sampling Point

Cosseys Valve Tower SUB

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.

Watercare Laboratory Services is a division of Watercare Services Limited.

This report may not be reproduced, except in full, without the written authority of the Operations Manager.



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'.

Peter Boniface
KTP Signatory