

Certificate of Analysis

Laboratory Reference: 150822-057

Interim Report

Attention: XXXXXXXXXX	Report Number: 148780-0
Client: WATERCARE SERVICES LTD	Report Issue Date: 24-Aug-2015
Address:	Received Date: 22-Aug-2015
Client Reference: Hunua Project Daily 22/08/2015 13:00	Quote Reference: 5956
Purchase Order: X-23010-ST-006	

Sample Details	WATERS	WATERS	WATERS	WATERS
Lab Sample ID:	150822-057-1	150822-057-2	150822-057-3	150822-057-4
Client Sample ID:				
Sample Date/Time:	22/08/2015 16:28	22/08/2015 15:52	22/08/2015 15:56	22/08/2015 16:07
Description:	Mangatawhiri Valve Tower SUB 13:00	Wairoa Valve Tower SUB 13:00	Mangatawhiri Below River Confluence 13:00	Mangatawhiri West Piggotts 13:00
Sample Parameters and Field Testing				
Time				
Time Sampled	04:28:00 PM *	03:52:00 PM *	03:56:00 PM *	04:07:00 PM *
Organics				
1080				
1080 (Sodium fluoroacetate) mg/L	-	-	<0.00005	<0.00005
Subcontracting				
	Pending	Pending	-	-

Sample Details	WATERS	WATERS	WATERS	WATERS
Lab Sample ID:	150822-057-5	150822-057-6	150822-057-7	150822-057-8
Client Sample ID:				
Sample Date/Time:	22/08/2015 16:18	22/08/2015 16:30	22/08/2015 16:23	22/08/2015 16:43
Description:	Mangatawhiri Lilburn Stream Arm 13:00	Mangatawhiri Valve Tower 13:00	Wairoa DS Wairoa Stream 13:00	Wairoa North East Wairoa Loop Track 13:00
Sample Parameters and Field Testing				
Time				
Time Sampled	04:18:00 PM *	04:30:00 PM *	04:23:00 PM *	04:43:00 PM *
Organics				
1080				
1080 (Sodium fluoroacetate) mg/L	<0.00005	<0.00005	<0.00005	<0.00005

Sample Details	WATERS	WATERS
Lab Sample ID:	150822-057-9	150822-057-10
Client Sample ID:		
Sample Date/Time:	22/08/2015 16:08	22/08/2015 15:51
Description:	Wairoa West Repeater Rd 13:00	Wairoa Valve Tower 13:00
Sample Parameters and Field Testing		
Time		
Time Sampled	04:08:00 PM *	03:51:00 PM *
Organics		
1080		
1080 (Sodium fluoroacetate) mg/L	<0.00005	<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, 7, 8, 9, 10	Auckland
Subcontracting				
COA 1080	As per Subcontractor Method		1, 2	Auckland
<i>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.</i>				

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 24/08/2015

A handwritten signature in blue ink, appearing to read 'Peter Boniface'.

Peter Boniface
KTP Signatory