



Food & Water Testing

ANALYTICAL REPORT

REPORT CODE AR-23		AR-23-NW-0454	497-01	REPORT DATE	05/09/2023	
Attentior	Winstone Agg Gary Edwards 1 state highwa 5543 Otaki					
	NEW ZEALAN	ND				
Phone	64272135004			Copy to: paxie (andreas.paxie@gmail.com), services		
Email		instoneaggregates.co.nz		(sharedservices@fbu.com),		
Contact Contrac	t for your orders: ct:	Mohammed Marza Otaki		Order code:	EUNZWE-00139494	
SAMPL	E CODE	812-2023-00116476				
Recepti	ng Point code: on Date & Time:	NW0002209002 28/08/2023 11:58		Sampling Point name:	Winstone Otaki Pond	
-		e:28/08/2023 12:09		Analysis Ending Date:	05/09/2023	
-	d Date & Time d by Eurofins	28/08/2023 09:37 Yes		Sampler(s)	Ethan Clarke	
		RESULTS		LOQ		
NW007	Chloride Chloride (Cl)	6.55	mg/l	0.02		
NW023	Conductivity Conductivity	8.0	mS/m	0.1		
NW453	Dissolved Alumin	nium <0.005	mg/l	0.005		
NW457		m 7.30	mg/l	0.01		
NW460		<0.005	mg/l	0.005		
NW462	Dissolved Magne Magnesium (Mg)	sium 1.40	mg/l	0.01		
NW463	Dissolved Manga	nese <0.005	mg/l			
	Manganese (Mn)	scherichia coli By Mem	e e	0.005		
	Escherichia coli	16	cfu/100 ml	4		
ZM0WF	Enumeration of F Faecal Coliforms	aecal Coliforms By Men	nbrane Filtratic cfu/100 ml	n 4		
NW010	Nitrate-N Nitrate-N	0.05				
NW195	рН	7.5	mg/l	0.01		
NW003	pH Total Alkalinity	24	0.000*	0.1		
NW029	Alkalinity total Total Hardness		mg CaCO3/I	1		
	Hardness	24	mg CaCO3/I	1		
NW227	TPH (GC-FID)	ent <0.5	mc/l	0.4		
	Maximum TPH Cont Nonpolar TPH C10-0		mg/l mg/l	0.1 0.1		
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	Food & Water Testing				
		RESULTS		LOQ	
NW227	TPH (GC-FID)				
	TPH C13 - C19	<0.1	mg/l	0.1	
	TPH C20 - C26	<0.1	mg/l	0.1	
	TPH C27 - C37	<0.1	mg/l	0.1	
	TPH C7 - C9	<0.1	mg/l	0.1	
NW212	Turbidity		-		
	Turbidity	1.23	NTU	0.01	
SAMPL	E CODE	812-2023-00116477			
Samplir	5	NW0002209003		Sampling Point name	: 72 Te Roto Site Bore
		28/08/2023 12:01			
-	s Start Date & Time:			Analysis Ending Date:	
-		28/08/2023 08:59		Sampler(s)	Ethan Clarke
Sample	d by Eurofins	Yes			
		RESULTS		LOQ	
NW007	Chloride				
	Chloride (Cl)	7.93	mg/l	0.02	
NW023	Conductivity				
	Conductivity	9.2	mS/m	0.1	
NW453	Dissolved Aluminiu	m			
	Aluminium	<0.005	mg/l	0.005	
NW457	Dissolved Calcium				
	Calcium (Ca)	7.82	mg/l	0.01	
NW460	Dissolved Iron				
	Iron (Fe)	0.055	mg/l	0.005	
NW462		ım	-		
	Magnesium (Mg)	1.51	mg/l	0.01	
NW463	Dissolved Mangane	Se	-		
	Manganese (Mn)	<0.005	mg/l	0.005	
ZM0UW		herichia coli By Meml			
	Escherichia coli	<1	cfu/100 ml	1	
UME9S	Enumeration of Fae	cal Coliforms by Mem			
0	Faecal Coliforms	<1	cfu/100 ml	1	
NW010	Nitrate-N			•	
	Nitrate-N	0.74	mg/l	0.01	
NW195			iiig/i	0.01	
1111155	рH	6.4		0.1	
NI\//002				0.1	
1444005	Total Alkalinity Alkalinity total	21	mg CaCO3/I	1	
NW029	-			I	
1100029	Total Hardness Hardness	26	mg CaCO3/I	4	
				1	
NW227	TPH (GC-FID) Maximum TPH Content	<0.5	ma/l	0.4	
			mg/l	0.1	
	Nonpolar TPH C10-C12	<0.1	mg/l	0.1	
	TPH C13 - C19 TPH C20 - C26	<0.1	mg/l	0.1	
	TPH C20 - C26 TPH C27 - C37	<0.1	mg/l mg/l	0.1	
	TPH C27 - C37 TPH C7 - C9	<0.1	-	0.1	
			mg/l	0.1	
<u> </u>	I.S.Limited			Phone	+64 4 576 5016

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		RESULTS		LOQ	
V212	Turbidity				
	Turbidity	1.52	NTU	0.01	
AMPL	E CODE	312-2023-00116483			
	5	NW0002209001		Sampling Point name:	Winstone Otaki Bore
		28/08/2023 12:06		Analysia Ending Data	05/09/2023
Analysis Start Date & Time: 28, Sampled Date & Time 28,		28/08/2023 12:09		Analysis Ending Date: Sampler(s)	Ethan Clarke
-		es		Sampler(S)	
		RESULTS		LOQ	
W007	Chloride				
	Chloride (Cl)	7.55	mg/l	0.02	
W023	Conductivity			0.02	
	Conductivity	8.7	mS/m	0.1	
W453		m		0.1	
	Aluminium	<0.005	mg/l	0.005	
W457			č		
	Calcium (Ca)	7.12	mg/l	0.01	
W460			Ū.		
	Iron (Fe)	<0.005	mg/l	0.005	
W462	Dissolved Magnesiu	ım	Ū		
	Magnesium (Mg)	1.59	mg/l	0.01	
W463		se	Ū		
	Manganese (Mn)	<0.005	mg/l	0.005	
MOUW	Enumeration of Esc	herichia coli By Mem	brane Filtratior	ı	
	Escherichia coli	<1	cfu/100 ml	1	
ME9S	Enumeration of Fae	cal Coliforms by Men	nbrane Filtratio	n	
	Faecal Coliforms	<1	cfu/100 ml	1	
W010	Nitrate-N				
	Nitrate-N	0.58	mg/l	0.01	
W195	рН				
	рН	6.7		0.1	
W003	Total Alkalinity				
	Alkalinity total	21	mg CaCO3/I	1	
W029		~			
	Hardness	24	mg CaCO3/I	1	
W227	· · ·				
	Maximum TPH Content	.0.4	mg/l	0.1	
	Nonpolar TPH C10-C12		mg/l	0.1	
	TPH C13 - C19	<0.1 <0.1	mg/l	0.1	
	TPH C20 - C26	<0.1 <0.1	mg/l	0.1	
	TPH C27 - C37	<0.1	mg/l	0.1	
	TPH C7 - C9	-0.1	mg/l	0.1	
VAIC 1 C	a constant and the constant of the second				
N212	Turbidity Turbidity	0.35	NTU	0.01	

LIST OF METHODS

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NW003	Total Alkalinity: APHA Online Edition 2320 B	NW007	Chloride: APHA Online Edition 4110 B
NW010	Nitrate-N: APHA Online Edition 4110 B	NW023	Conductivity: APHA Online Edition 2510 B
NW029	Total Hardness: APHA Online Edition 2340 B	NW195	pH: APHA Online Edition 4500-H B
NW212	Turbidity: APHA Online Edition 2130 B	NW227	TPH (GC-FID): Internal Method, GC-FID
NW453	Dissolved Aluminium: APHA Online Edition 3120 B mod.	NW457	Dissolved Calcium: APHA Online Edition 3120 B mod.
NW460	Dissolved Iron: APHA Online Edition 3120 B mod.	NW462	Dissolved Magnesium: APHA Online Edition 3120 B mod.
NW463	Dissolved Manganese: APHA Online Edition 3120 B mod.	UME9S	Faecal Coliforms E (Water) [NZ] <1 >60 /100 ml (0) m-FC Agar-F: SMEWW 9222D; APHA Online
ZM0UW	Escherichia coli E (Water) [NZ] <1 >60 /100 ml (0) m-FC Agar-F: SMEWW 9222I; APHA Online	ZM0UY	Escherichia coli E (Water) [NZ] <4 >240 /100 ml (0) m-FC Agar-F: SMEWW 9222I; APHA Online
ZM0WF	Faecal Coliforms E (Water) [NZ] <4 >240 /100 ml (0)		

m-FC Agar-F: SMEWW 9222D; APHA Online

Signature

Jennifer Mont Supervisor



Ganesh Ilancko Supervisor



Gabriela Carvalhaes Manager Food and Water Testing Chemistry

EXPLANATORY NOTE

①Test is not accredited

- $\ensuremath{\mathfrak{O}}$ Test is subcontracted within Eurofins group and is accredited
- $\ensuremath{\mathfrak{I}}$ Test is subcontracted within Eurofins group and is not accredited
- Test is subcontracted outside Eurofins group and is accredited
- $\ensuremath{\textcircled{\text{S}}}$ Test is subcontracted outside Eurofins group and is not accredited
- **(6)** Test result is provided by the customer and is not accredited
- O Tested at the sampling point by Eurofins and is not accredited
- [®] Tested at the sampling point by Eurofins and is accredited
- Test is RLP accredited
- Test is subcontracted within Eurofins group and is RLP accredited

Divina Cunanan Supervisor Lagazon



Mandeep Sandhu Laboratory Supervisor Microbiology

C.Kw

Gordon McArthur Senior Laboratory Analyst

Arvinder Singh

Laboratory Supervisor Microbiology

N/A means Not Applicable

Not Detected means not detected at or above the Limit of Quantification (LOQ) LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit





Food & Water Testing

The test result(s) in this report apply only to the sample as received.

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The tests are identified by a five-digit code, their description is available on request.

Accreditation does not apply to comments or graphical representations.

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