

ANALYTICAL REPORT

REPORT CODE

AR-26-NW-082846-01

REPORT DATE

25/08/2026

Attention Winstone Aggregates - Otaki
Imogen Mckernan
1 State Highway 1
5543 Otaki
NEW ZEALAND

Phone +64 27 555 6217

Email Imogen.Mckernan@winstoneaggregates.co.nz

Copy to: paxie (andreas.paxie@gmail.com), Edwards
(gary.edwards@winstoneaggregates.co.nz), Vavetuki

Contact for your orders: Mohammed Marza
Contract: Otaki

Order code: EUNZWE-00346816

Purchase Order Number: 5500045413

SAMPLE CODE 812-2026-00141195

Sampling Point code: NW0002209003
Reception Date & Time: 19/08/2026 15:35
Analysis Started on: 19/08/2026
Product Type Ground water
Sampler(s) Eddie Howard

Sampling Point name: 72 Te Roto Site Bore
Analysis Ending Date: 25/08/2026
Sampled Date & Time 19/08/2026 13:26
Sampled by Eurofins Yes

ORGANICS

RESULTS

LOQ

NW227 TPH (GC-FID)

TPH C10 - C12	<0.1	mg/l	0.1
Maximum TPH Content	0.1	mg/l	0.1
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

RESULTS

LOQ

NW003 Total Alkalinity

Alkalinity total	18	mg CaCO3/l	1
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NW007 Chloride

Chloride (Cl)	9.31	mg/l	0.02
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NW010 Nitrate-N

Nitrate-N	0.76	mg/l	0.01
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NW023 Conductivity

Conductivity	9.8	mS/m	0.1
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NW030 Total Hardness

Hardness	28	mg CaCO3/l	1
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NW098 Dissolved Aluminium

Aluminium	<0.002	mg/l	0.002
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NW105 Dissolved Calcium

Calcium (Ca)	8.44	mg/l	0.05
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NW109 Dissolved Iron

Iron (Fe)	0.056	mg/l	0.005
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NW112 Dissolved Magnesium

Magnesium (Mg)	1.64	mg/l	0.01
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NW113 Dissolved Manganese

Manganese (Mn)	0.0014	mg/l	0.0005
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RESULTS			LOQ
NW195	pH (Tested beyond 15 minute APHA holding time)		
	pH	6.8	0.1
NW212	Turbidity		
	Turbidity	1 NTU	0.01
UME9S	Enumeration of Faecal Coliforms by Membrane Filtration		
	Faecal Coliforms	<1 cfu/100 ml	1
ZM0UW	Enumeration of Escherichia coli by Membrane Filtration		
	Escherichia coli	<1 cfu/100 ml	1

LIST OF METHODS

NW003	Total Alkalinity: APHA 24th Edition 2320 B	NW007	Chloride: APHA 24th Edition 4110 B
NW010	Nitrate-N: APHA 24th Edition 4110 B	NW023	Conductivity: APHA 24th Edition 2510 B
NW030	Total Hardness: APHA 24th Edition 2340 B	NW098	Dissolved Aluminium: APHA 24th Edition 3125 B mod.
NW105	Dissolved Calcium: APHA 24th Edition 3125 B mod.	NW109	Dissolved Iron: APHA 24th Edition 3125 B mod.
NW112	Dissolved Magnesium: APHA 24th Edition 3125 B mod.	NW113	Dissolved Manganese: APHA 24th Edition 3125 B mod.
NW195	pH (Tested beyond 15 minute APHA holding time): APHA 24th Edition 4500-H B	NW212	Turbidity: APHA 24th Edition 2130 B
NW227	TPH (GC-FID): Internal Method, GC-FID	UME9S	Faecal Coliforms E <1 >60 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222D; APHA 24th Edition
ZM0UW	Escherichia coli E <1 >60 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222I; APHA 24th Edition		

Signature



Jennifer Mont Laboratory Supervisor
Eurofins ELS Limited



Gabriela Carvalhaes Business Unit Manager
Eurofins ELS Limited



Vineel Chandra Team Leader Eurofins ELS
Limited



Angelu Suyat Laboratory Technician
Eurofins ELS Limited

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LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit

✗ (Unsatisfactory) means does not meet the specification

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MAV means Maximum Allowable Value

General

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Contact for your orders: Mohammed Marza
Contract: Otaki

Order code: EUNZWE-00346816

Purchase Order Number: 5500045413

SAMPLE CODE 812-2026-00141197

Sampling Point code: NW0002209001
Reception Date & Time: 19/08/2026 15:35
Analysis Started on: 19/08/2026
Product Type Ground water
Sampler(s) Eddie Howard

Sampling Point name: Winstone Otaki Bore
Analysis Ending Date: 25/08/2026
Sampled Date & Time 19/08/2026 12:57
Sampled by Eurofins Yes

ORGANICS

RESULTS

LOQ

NW227 TPH (GC-FID)

TPH C10 - C12	<0.1	mg/l	0.1
Maximum TPH Content	<0.1	mg/l	0.1
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

RESULTS

LOQ

NW003 Total Alkalinity

Alkalinity total	17	mg CaCO3/l	1
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NW007 Chloride

Chloride (Cl)	8.95	mg/l	0.02
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NW010 Nitrate-N

Nitrate-N	0.62	mg/l	0.01
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NW023 Conductivity

Conductivity	9.3	mS/m	0.1
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NW030 Total Hardness

Hardness	26	mg CaCO3/l	1
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NW098 Dissolved Aluminium

Aluminium	<0.002	mg/l	0.002
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NW105 Dissolved Calcium

Calcium (Ca)	8.08	mg/l	0.05
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NW109 Dissolved Iron

Iron (Fe)	<0.005	mg/l	0.005
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NW112 Dissolved Magnesium

Magnesium (Mg)	1.53	mg/l	0.01
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NW113 Dissolved Manganese

Manganese (Mn)	<0.0005	mg/l	0.0005
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RESULTS			LOQ
NW195	pH (Tested beyond 15 minute APHA holding time)		
	pH	6.8	0.1
NW212	Turbidity		
	Turbidity	0.2 NTU	0.01
UME9S	Enumeration of Faecal Coliforms by Membrane Filtration		
	Faecal Coliforms	<1 cfu/100 ml	1
ZM0UW	Enumeration of Escherichia coli by Membrane Filtration		
	Escherichia coli	<1 cfu/100 ml	1

LIST OF METHODS

NW003	Total Alkalinity: APHA 24th Edition 2320 B	NW007	Chloride: APHA 24th Edition 4110 B
NW010	Nitrate-N: APHA 24th Edition 4110 B	NW023	Conductivity: APHA 24th Edition 2510 B
NW030	Total Hardness: APHA 24th Edition 2340 B	NW098	Dissolved Aluminium: APHA 24th Edition 3125 B mod.
NW105	Dissolved Calcium: APHA 24th Edition 3125 B mod.	NW109	Dissolved Iron: APHA 24th Edition 3125 B mod.
NW112	Dissolved Magnesium: APHA 24th Edition 3125 B mod.	NW113	Dissolved Manganese: APHA 24th Edition 3125 B mod.
NW195	pH (Tested beyond 15 minute APHA holding time): APHA 24th Edition 4500-H B	NW212	Turbidity: APHA 24th Edition 2130 B
NW227	TPH (GC-FID): Internal Method, GC-FID	UME9S	Faecal Coliforms E <1 >60 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222D; APHA 24th Edition
ZM0UW	Escherichia coli E <1 >60 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222I; APHA 24th Edition		

Signature



Jennifer Mont Laboratory Supervisor
Eurofins ELS Limited



Gabriela Carvalhaes Business Unit Manager
Eurofins ELS Limited



Vineel Chandra Team Leader Eurofins ELS
Limited



Angelu Suyat Laboratory Technician
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REPORT DATE

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(gary.edwards@winstoneaggregates.co.nz), Vavetuki

Contact for your orders: Mohammed Marza
Contract: Otaki

Order code: EUNZWE-00346816

Purchase Order Number: 5500045413

SAMPLE CODE 812-2026-00141198

Sampling Point code: NW0002209002
Reception Date & Time: 19/08/2026 15:35
Analysis Started on: 19/08/2026
Product Type Ground water
Sampler(s) Eddie Howard

Sampling Point name: Winstone Otaki Pond
Analysis Ending Date: 25/08/2026
Sampled Date & Time 19/08/2026 12:15
Sampled by Eurofins Yes

ORGANICS

RESULTS

LOQ

NW227 TPH (GC-FID)

TPH C10 - C12	<0.1	mg/l	0.1
Maximum TPH Content	<0.1	mg/l	0.1
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

RESULTS

LOQ

NW003 Total Alkalinity

Alkalinity total	26	mg CaCO3/l	1
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NW007 Chloride

Chloride (Cl)	7.88	mg/l	0.02
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NW010 Nitrate-N

Nitrate-N	0.03	mg/l	0.01
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NW023 Conductivity

Conductivity	8.2	mS/m	0.1
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NW030 Total Hardness

Hardness	22	mg CaCO3/l	1
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NW098 Dissolved Aluminium

Aluminium	0.002	mg/l	0.002
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NW105 Dissolved Calcium

Calcium (Ca)	6.82	mg/l	0.05
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NW109 Dissolved Iron

Iron (Fe)	<0.005	mg/l	0.005
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NW112 Dissolved Magnesium

Magnesium (Mg)	1.31	mg/l	0.01
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NW113 Dissolved Manganese

Manganese (Mn)	<0.0005	mg/l	0.0005
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RESULTS			LOQ
NW195	pH (Tested beyond 15 minute APHA holding time)		
	pH	8.0	0.1
NW212	Turbidity		
	Turbidity	0.5 NTU	0.01
ZM0UY	Enumeration of Escherichia coli by Membrane Filtration		
	Escherichia coli	<4 cfu/100 ml	4
ZM0WF	Enumeration of Faecal Coliforms by Membrane Filtration		
	Faecal Coliforms	<4 cfu/100 ml	4

LIST OF METHODS

NW003	Total Alkalinity: APHA 24th Edition 2320 B	NW007	Chloride: APHA 24th Edition 4110 B
NW010	Nitrate-N: APHA 24th Edition 4110 B	NW023	Conductivity: APHA 24th Edition 2510 B
NW030	Total Hardness: APHA 24th Edition 2340 B	NW098	Dissolved Aluminium: APHA 24th Edition 3125 B mod.
NW105	Dissolved Calcium: APHA 24th Edition 3125 B mod.	NW109	Dissolved Iron: APHA 24th Edition 3125 B mod.
NW112	Dissolved Magnesium: APHA 24th Edition 3125 B mod.	NW113	Dissolved Manganese: APHA 24th Edition 3125 B mod.
NW195	pH (Tested beyond 15 minute APHA holding time): APHA 24th Edition 4500-H B	NW212	Turbidity: APHA 24th Edition 2130 B
NW227	TPH (GC-FID): Internal Method, GC-FID	ZM0UY	Escherichia coli E <4 >240 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222I; APHA 24th Edition
ZM0WF	Faecal Coliforms E <4 >240 cfu/100 ml (0) m-FC Agar-F: SMEWW 9222D; APHA 24th Edition		

Signature



Jennifer Mont Laboratory Supervisor
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