Monthly Compliance Report

Mistlebrook Vale School (sample)

October 2026 (2026-10-01 to 2026-10-31, Pacific/Auckland)

Signed - version 1

Site	Mistlebrook Vale School (sample)
Address	13 Windlestraw Road, Mistlebrook Vale, Northland (sample address)
Supplier	Te Raki Rural Schools Water Programme (sample)
Period	2026-10-01 00:00 to 2026-10-31 24:00 local (Pacific/Auckland); UTC 2026-09-30T11:00:00.000Z to 2026-10-31T11:00:00.000Z
Jurisdiction	New Zealand (Taumata Arowai)
NZ supply ID	SAMPLE001
Regulator reference	Sample data - not a registered supply
Classification	Self-supplied building (school)
Filtered	yes
Population served	168
Regulator	Taumata Arowai
Report recipients	Hana Ruddock <hana.ruddock@teraki-water.example>; Graham Tolley <board@mistlebrookvale.example>
Profile version	2 (saved 2026-10-27 09:30 NZDT by hana.ruddock@teraki-water.example)
Gateways	SAMPLE-TR-01 (d_7e0a01, USR-M300)
Rule sets	NZ Self-supplied Buildings Acceptable Solution 2025 (schools, marae, halls) [0741e35180d07b53, 0c7226e7b743fdbd, a8e1f317913152a5, b017f0c8aafbfe03]
Report	cr_1f055595b8ba4080b2399ba0, version 1
Content SHA-256	`e552d51e482a345352f9fda7cb82a749c84ba01d83b9ea8e9bce38d49176e253`
Snapshot SHA-256	`65fca8e92aa0fc92fbd1b774c3cca01a7c063809a0f8d3fa28a2e0c061e6a20a`

People and organisations

Role	Name	Organisation	Phone	Email
Principal	Moana Whitlock	Mistlebrook Vale School (sample)	09 000 0102	principal@mistlebrookvale.example
Board contact	Graham Tolley	Board of Trustees	09 000 0103	board@mistlebrookvale.example
Caretaker / property manager	Bill Sorrell	Mistlebrook Vale School (sample)	09 000 0104	caretaker@mistlebrookvale.example
Project manager	Hana Ruddock	Te Raki Rural Schools Water Programme (sample)	09 000 0101	hana.ruddock@teraki-water.example
Installer	Pita Hargreave	Northern Tank and Pump (sample)	09 000 0105	install@northerntankpump.example
Service company	Sione Maddock	Clearflow Water Services (sample)	09 000 0106	service@clearflowwater.example
Inspector	Karen Ashby	Drinking water assessor (sample)	09 000 0107	k.ashby@waterassessor.example
Laboratory	Results desk	Northfield Analytical Laboratory (sample)	09 000 0108	results@northfieldlab.example

In this month: 4 calculation(s); 0 day(s) not met; 0 period(s) out of limits; 1 data gap(s), 180 min; 4 alarm(s); 2 regulator notice(s) recorded; 1 notification case(s), 0 deadline(s) late or not recorded; 27 gateway-day(s) sealed, 4 not yet sealed; 0 differing repeat(s).

1 DAILY VERDICTS

NZ DWQAR 2022 G3 / 2026 G.RR.5; US 141.75(b), 141.721(f)(15); Alberta Standards 1.11.2.2

Gateway SAMPLE-TR-01 (d_7e0a01)

UV lamp within its rated life (the UV controller's lamp life remaining above 0 days): lamp_life > 0, at all times (NZ Self-supplied Buildings Acceptable Solution 2025 (schools, marae, halls))
UV lamp lit whenever water flows (lamp current at least the lit level, A): lamp_current >= 0.15, at all times (NZ Self-supplied Buildings Acceptable Solution 2025 (schools, marae, halls))
Flow through the UV unit never above its rated flow for 40 mJ/cm2 (m3/h; 1 L/min = 0.06 m3/h): flow <= 1.5, at all times (NZ Self-supplied Buildings Acceptable Solution 2025 (schools, marae, halls))
UV off-spec (uv1): UV dose >= 40 mJ/cm2, at all times (NZ Self-supplied Buildings Acceptable Solution 2025 (schools, marae, halls))

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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Day	UV lamp within its rated life (the UV controller's lamp life remaining above 0 days) (uv_lamp_life)	UV lamp lit whenever water flows (lamp current at least the lit level, A) (uv_lamp_on)	Flow through the UV unit never above its rated flow for 40 mJ/cm2 (m3/h; 1 L/min = 0.06 m3/h) (uv_rated_flow)	UV off-spec (uv1)
2026-10-01	met	met	met	met
2026-10-02	met	met	met	met
2026-10-03	met	met	met	met
2026-10-04	met	met	met	met
2026-10-05	met	met	met	met
2026-10-06	met	met	met	met
2026-10-07	met	met	met	met
2026-10-08	met	met	met	met
2026-10-09	met	met	met	met
2026-10-10	met	met	met	met
2026-10-11	met	met	met	met
2026-10-12	met	met	met	met
2026-10-13	met	met	met	met
2026-10-14	met	met	met	met
2026-10-15	met	met	met	met
2026-10-16	met	met	met	met
2026-10-17	met	met	met	met
2026-10-18	met	met	met	met
2026-10-19	met	met	met	met
2026-10-20	met	met	met	met
2026-10-21	met	met	met	met
2026-10-22	incomplete	incomplete	incomplete	incomplete
2026-10-23	met	met	met	met
2026-10-24	met	met	met	met
2026-10-25	met	met	met	met
2026-10-26	met	met	met	met
2026-10-27	met	met	met	met
2026-10-28	met	met	met	met
2026-10-29	met	met	met	met
2026-10-30	met	met	met	met
2026-10-31	met	met	met	met
Month	**incomplete**	**incomplete**	**incomplete**	**incomplete**
Days not met	**0**	**0**	**0**	**0**
Days with no result	0	0	0	0

2 UV: TREATED WITHIN VALIDATED CONDITIONS

US 40 CFR 141.721(f)(15) and 141.720(d)(3)(ii): % of water not treated within validated conditions (by volume - needs a flow totaliser); NZ T3.15 / T3.86 (2026 T3.BU) daily rules

UV off-spec (uv1) - gateway SAMPLE-TR-01 (d_7e0a01)

UV dose >= 40 mJ/cm2, at all times

Month within limits 100% by volume

Off-specification 0% of the water treated (by volume)

Volume treated 44.9 m3 (0 m3 off-spec)

Day	Operating (min)	Off-spec (min)	No data (min)	% within	Sensor check off-spec (min)	Result
2026-10-01	94	0	0	100	-	met
2026-10-02	88	0	0	100	-	met

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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Day	Operating (min)	Off-spec (min)	No data (min)	% within	Sensor check off-spec (min)	Result
2026-10-03	93	0	0	100	-	met
2026-10-04	95	0	0	100	-	met
2026-10-05	89	0	0	100	-	met
2026-10-06	89	0	0	100	-	met
2026-10-07	94	0	0	100	-	met
2026-10-08	90	0	0	100	-	met
2026-10-09	93	0	0	100	-	met
2026-10-10	88	0	0	100	-	met
2026-10-11	93	0	0	100	-	met
2026-10-12	296	0	0	100	-	met
2026-10-13	262	0	0	100	-	met
2026-10-14	263	0	0	100	-	met
2026-10-15	307	0	0	100	-	met
2026-10-16	303	0	0	100	-	met
2026-10-17	88	0	0	100	-	met
2026-10-18	95	0	0	100	-	met
2026-10-19	266	0	0	100	-	met
2026-10-20	288	0	0	100	-	met
2026-10-21	276	0	0	100	-	met
2026-10-22	436	0	180	100	-	incomplete
2026-10-23	289	0	0	100	-	met
2026-10-24	93	0	0	100	-	met
2026-10-25	95	0	0	100	-	met
2026-10-26	98	0	0	100	-	met
2026-10-27	262	0	0	100	-	met
2026-10-28	276	0	0	100	-	met
2026-10-29	276	0	0	100	-	met
2026-10-30	284	0	0	100	-	met
2026-10-31	88	0	0	100	-	met

Every off-specification stretch, joined across midnight:

No period out of limits in this month.

3 TURBIDITY, PH AND OTHER RULES

NZ 2026 G.RR.5 (date, duration, max/min of each non-compliance); US 141.75(b)(2)(ii); Ontario Sched 22-2(2) (duration of each failure)

UV lamp within its rated life (the UV controller's lamp life remaining above 0 days) - gateway SAMPLE-TR-01 (d_7e0a01)

lamp_life > 0, at all times

Day	% within	Periods out / judged	Worst	Longest out (min)	Result
2026-10-01	100	-	117	-	met
2026-10-02	100	-	116	-	met
2026-10-03	100	-	115	-	met
2026-10-04	100	-	114	-	met
2026-10-05	100	-	113	-	met
2026-10-06	100	-	112	-	met
2026-10-07	100	-	111	-	met
2026-10-08	100	-	110	-	met
2026-10-09	100	-	109	-	met
2026-10-10	100	-	108	-	met

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Day	% within	Periods out / judged	Worst	Longest out (min)	Result
2026-10-11	100	-	107	-	met
2026-10-12	100	-	106	-	met
2026-10-13	100	-	105	-	met
2026-10-14	100	-	104	-	met
2026-10-15	100	-	103	-	met
2026-10-16	100	-	102	-	met
2026-10-17	100	-	101	-	met
2026-10-18	100	-	100	-	met
2026-10-19	100	-	99	-	met
2026-10-20	100	-	98	-	met
2026-10-21	100	-	97	-	met
2026-10-22	58.72	-	96	-	incomplete
2026-10-23	100	-	95	-	met
2026-10-24	100	-	94	-	met
2026-10-25	100	-	93	-	met
2026-10-26	100	-	92	-	met
2026-10-27	100	-	91	-	met
2026-10-28	100	-	90	-	met
2026-10-29	100	-	89	-	met
2026-10-30	100	-	88	-	met
2026-10-31	100	-	87	-	met

No period out of limits in this month.

UV lamp lit whenever water flows (lamp current at least the lit level, A) - gateway SAMPLE-TR-01 (d_7e0a01)

lamp_current >= 0.15, at all times

Day	% within	Periods out / judged	Worst	Longest out (min)	Result
2026-10-01	100	-	0.392	-	met
2026-10-02	100	-	0.392	-	met
2026-10-03	100	-	0.393	-	met
2026-10-04	100	-	0.392	-	met
2026-10-05	100	-	0.392	-	met
2026-10-06	100	-	0.392	-	met
2026-10-07	100	-	0.392	-	met
2026-10-08	100	-	0.392	-	met
2026-10-09	100	-	0.392	-	met
2026-10-10	100	-	0.392	-	met
2026-10-11	100	-	0.392	-	met
2026-10-12	100	-	0.392	-	met
2026-10-13	100	-	0.392	-	met
2026-10-14	100	-	0.392	-	met
2026-10-15	100	-	0.392	-	met
2026-10-16	100	-	0.392	-	met
2026-10-17	100	-	0.392	-	met
2026-10-18	100	-	0.392	-	met
2026-10-19	100	-	0.392	-	met
2026-10-20	100	-	0.392	-	met
2026-10-21	100	-	0.392	-	met
2026-10-22	58.72	-	0.392	-	incomplete
2026-10-23	100	-	0.392	-	met

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Day	% within	Periods out / judged	Worst	Longest out (min)	Result
2026-10-24	100	-	0.392	-	met
2026-10-25	100	-	0.392	-	met
2026-10-26	100	-	0.392	-	met
2026-10-27	100	-	0.392	-	met
2026-10-28	100	-	0.392	-	met
2026-10-29	100	-	0.392	-	met
2026-10-30	100	-	0.392	-	met
2026-10-31	100	-	0.392	-	met

No period out of limits in this month.

Flow through the UV unit never above its rated flow for 40 mJ/cm2 (m3/h; 1 L/min = 0.06 m3/h) - gateway SAMPLE-TR-01 (d_7e0a01)

flow <= 1.5, at all times

Day	% within	Periods out / judged	Worst	Longest out (min)	Result
2026-10-01	100	-	0.667	-	met
2026-10-02	100	-	0.683	-	met
2026-10-03	100	-	0.692	-	met
2026-10-04	100	-	0.678	-	met
2026-10-05	100	-	0.677	-	met
2026-10-06	100	-	0.656	-	met
2026-10-07	100	-	0.683	-	met
2026-10-08	100	-	0.686	-	met
2026-10-09	100	-	0.687	-	met
2026-10-10	100	-	0.692	-	met
2026-10-11	100	-	0.68	-	met
2026-10-12	100	-	0.994	-	met
2026-10-13	100	-	0.996	-	met
2026-10-14	100	-	0.995	-	met
2026-10-15	100	-	0.994	-	met
2026-10-16	100	-	0.996	-	met
2026-10-17	100	-	0.655	-	met
2026-10-18	100	-	0.694	-	met
2026-10-19	100	-	0.996	-	met
2026-10-20	100	-	0.993	-	met
2026-10-21	100	-	0.995	-	met
2026-10-22	58.72	-	0.993	-	incomplete
2026-10-23	100	-	0.993	-	met
2026-10-24	100	-	0.682	-	met
2026-10-25	100	-	0.694	-	met
2026-10-26	100	-	0.689	-	met
2026-10-27	100	-	0.995	-	met
2026-10-28	100	-	0.996	-	met
2026-10-29	100	-	0.992	-	met
2026-10-30	100	-	0.996	-	met
2026-10-31	100	-	0.689	-	met

No period out of limits in this month.

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4 DAILY MINIMUM, MAXIMUM AND MEAN OF EACH RECORDED READING

Ontario O.Reg 170/03 s.12 (daily minimum, maximum and mean of continuous monitoring); Alberta Standards 1.11.2.3 (monthly min/avg/max)

Pre-filter pressure (B) (bar) - gateway SAMPLE-TR-01 (d_7e0a01)

tag B

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	3.763	4.1	4.026	1440	8640
2026-10-02	3.761	4.1	4.027	1440	8640
2026-10-03	3.76	4.1	4.026	1440	8640
2026-10-04	3.761	4.1	4.025	1440	8640
2026-10-05	3.761	4.1	4.026	1440	8640
2026-10-06	3.761	4.1	4.027	1440	8640
2026-10-07	3.76	4.1	4.025	1440	8640
2026-10-08	3.76	4.1	4.026	1440	8640
2026-10-09	3.761	4.1	4.027	1440	8640
2026-10-10	3.76	4.1	4.027	1440	8640
2026-10-11	3.76	4.1	4.026	1440	8640
2026-10-12	3.76	4.1	3.995	1440	8640
2026-10-13	0.57	4.1	3.869	1440	8640
2026-10-14	3.76	4.1	4	1440	8640
2026-10-15	3.76	4.1	3.994	1440	8640
2026-10-16	3.761	4.1	3.995	1440	8640
2026-10-17	3.761	4.1	4.026	1440	8640
2026-10-18	3.76	4.1	4.026	1440	8640
2026-10-19	3.761	4.1	4	1440	8640
2026-10-20	3.76	4.1	3.995	1440	8640
2026-10-21	3.76	4.1	3.997	1440	8640
2026-10-22	0.57	4.1	3.755	1260	7560
2026-10-23	3.76	4.1	3.995	1440	8640
2026-10-24	3.76	4.1	4.026	1440	8640
2026-10-25	3.761	4.1	4.025	1440	8640
2026-10-26	3.763	4.1	4.025	1440	8640
2026-10-27	3.76	4.1	4	1440	8640
2026-10-28	3.761	4.1	3.997	1440	8640
2026-10-29	3.76	4.1	3.997	1440	8640
2026-10-30	3.76	4.1	3.996	1440	8640
2026-10-31	3.761	4.1	4.026	1440	8640

Post-filter pressure (C) (bar) - gateway SAMPLE-TR-01 (d_7e0a01)

tag C

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	3.625	4.08	3.999	1440	8640
2026-10-02	3.618	4.08	3.999	1440	8640
2026-10-03	3.609	4.08	3.998	1440	8640
2026-10-04	3.604	4.08	3.997	1440	8640
2026-10-05	3.597	4.08	3.998	1440	8640
2026-10-06	3.595	4.08	3.998	1440	8640
2026-10-07	3.588	4.08	3.996	1440	8640
2026-10-08	3.585	4.08	3.996	1440	8640
2026-10-09	3.576	4.08	3.996	1440	8640

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Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-10	3.569	4.08	3.997	1440	8640
2026-10-11	3.56	4.08	3.995	1440	8640
2026-10-12	3.557	4.08	3.939	1440	8640
2026-10-13	0.55	4.08	3.815	1440	8640
2026-10-14	3.545	4.08	3.945	1440	8640
2026-10-15	3.539	4.08	3.932	1440	8640
2026-10-16	3.533	4.08	3.932	1440	8640
2026-10-17	3.538	4.08	3.994	1440	8640
2026-10-18	3.521	4.08	3.992	1440	8640
2026-10-19	3.515	4.08	3.939	1440	8640
2026-10-20	3.653	4.08	3.959	1440	8640
2026-10-21	3.647	4.08	3.961	1440	8640
2026-10-22	0.55	4.08	3.716	1260	7560
2026-10-23	3.635	4.08	3.955	1440	8640
2026-10-24	3.63	4.08	4	1440	8640
2026-10-25	3.625	4.08	3.997	1440	8640
2026-10-26	3.617	4.08	3.997	1440	8640
2026-10-27	3.61	4.08	3.958	1440	8640
2026-10-28	3.608	4.08	3.953	1440	8640
2026-10-29	3.6	4.08	3.952	1440	8640
2026-10-30	3.591	4.08	3.948	1440	8640
2026-10-31	3.588	4.08	3.997	1440	8640

Treated water tank (F) (pct) - gateway SAMPLE-TR-01 (d_7e0a01)

tag F

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	70.458	72.155	71.299	1440	8640
2026-10-02	72.67	74.398	73.526	1440	8640
2026-10-03	74.348	76.053	75.19	1440	8640
2026-10-04	75.408	77.095	76.241	1440	8640
2026-10-05	75.8	77.533	76.659	1440	8640
2026-10-06	75.502	77.242	76.365	1440	8640
2026-10-07	74.531	76.22	75.362	1440	8640
2026-10-08	72.934	74.661	73.789	1440	8640
2026-10-09	70.79	72.496	71.63	1440	8640
2026-10-10	68.203	69.937	69.064	1440	8640
2026-10-11	65.302	66.995	66.139	1440	8640
2026-10-12	60.903	63.11	61.999	1440	8640
2026-10-13	58.093	60.016	59.029	1440	8640
2026-10-14	55.163	57.056	56.112	1440	8640
2026-10-15	52.114	54.368	53.238	1440	8640
2026-10-16	49.773	52.091	50.924	1440	8640
2026-10-17	49.45	51.197	50.319	1440	8640
2026-10-18	48.301	50.006	49.143	1440	8640
2026-10-19	46.793	48.7	47.748	1440	8640
2026-10-20	46.781	48.903	47.832	1440	8640
2026-10-21	47.709	49.786	48.735	1440	8640
2026-10-22	49.201	51.139	50.097	1260	7560
2026-10-23	51.223	53.375	52.306	1440	8640

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Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-24	55.023	56.729	55.864	1440	8640
2026-10-25	57.889	59.578	58.719	1440	8640
2026-10-26	60.948	62.618	61.772	1440	8640
2026-10-27	63.03	64.932	63.966	1440	8640
2026-10-28	65.882	67.926	66.901	1440	8640
2026-10-29	68.685	70.656	69.657	1440	8640
2026-10-30	70.913	72.998	71.957	1440	8640
2026-10-31	73.946	75.685	74.808	1440	8640

UV lamp current (G2) (A) - gateway SAMPLE-TR-01 (d_7e0a01)

tag G2

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	0.392	0.428	0.41	1440	8640
2026-10-02	0.392	0.428	0.41	1440	8640
2026-10-03	0.392	0.428	0.41	1440	8640
2026-10-04	0.392	0.428	0.41	1440	8640
2026-10-05	0.392	0.428	0.41	1440	8640
2026-10-06	0.392	0.428	0.41	1440	8640
2026-10-07	0.392	0.428	0.41	1440	8640
2026-10-08	0.392	0.428	0.41	1440	8640
2026-10-09	0.392	0.428	0.41	1440	8640
2026-10-10	0.392	0.428	0.41	1440	8640
2026-10-11	0.392	0.428	0.41	1440	8640
2026-10-12	0.392	0.428	0.41	1440	8640
2026-10-13	0	0.428	0.394	1440	8640
2026-10-14	0.392	0.428	0.41	1440	8640
2026-10-15	0.392	0.428	0.41	1440	8640
2026-10-16	0.392	0.428	0.41	1440	8640
2026-10-17	0.392	0.428	0.41	1440	8640
2026-10-18	0.392	0.428	0.41	1440	8640
2026-10-19	0.392	0.428	0.41	1440	8640
2026-10-20	0.392	0.428	0.41	1440	8640
2026-10-21	0.392	0.428	0.41	1440	8640
2026-10-22	0	0.428	0.381	1260	7560
2026-10-23	0.392	0.428	0.41	1440	8640
2026-10-24	0.392	0.428	0.41	1440	8640
2026-10-25	0.392	0.428	0.41	1440	8640
2026-10-26	0.392	0.428	0.41	1440	8640
2026-10-27	0.392	0.428	0.41	1440	8640
2026-10-28	0.392	0.428	0.41	1440	8640
2026-10-29	0.392	0.428	0.41	1440	8640
2026-10-30	0.392	0.428	0.41	1440	8640
2026-10-31	0.392	0.428	0.41	1440	8640

Water flow (H) (L/min) - gateway SAMPLE-TR-01 (d_7e0a01)

tag H

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	0	11.11	0.334	1440	8640
2026-10-02	0	11.38	0.31	1440	8640

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-03	0	11.53	0.327	1440	8640
2026-10-04	0	11.3	0.341	1440	8640
2026-10-05	0	11.29	0.306	1440	8640
2026-10-06	0	10.93	0.301	1440	8640
2026-10-07	0	11.38	0.34	1440	8640
2026-10-08	0	11.43	0.311	1440	8640
2026-10-09	0	11.45	0.326	1440	8640
2026-10-10	0	11.53	0.305	1440	8640
2026-10-11	0	11.34	0.336	1440	8640
2026-10-12	0	16.57	1.962	1440	8640
2026-10-13	0	16.6	1.723	1440	8640
2026-10-14	0	16.58	1.717	1440	8640
2026-10-15	0	16.57	1.994	1440	8640
2026-10-16	0	16.6	2.046	1440	8640
2026-10-17	0	10.92	0.294	1440	8640
2026-10-18	0	11.57	0.328	1440	8640
2026-10-19	0	16.6	1.725	1440	8640
2026-10-20	0	16.55	1.892	1440	8640
2026-10-21	0	16.59	1.859	1440	8640
2026-10-22	0	16.55	1.95	1260	7560
2026-10-23	0	16.55	1.917	1440	8640
2026-10-24	0	11.36	0.327	1440	8640
2026-10-25	0	11.57	0.341	1440	8640
2026-10-26	0	11.48	0.354	1440	8640
2026-10-27	0	16.58	1.723	1440	8640
2026-10-28	0	16.6	1.829	1440	8640
2026-10-29	0	16.53	1.777	1440	8640
2026-10-30	0	16.6	1.868	1440	8640
2026-10-31	0	11.48	0.301	1440	8640

Hallett UV: UV dose (mJ/cm2) - gateway SAMPLE-TR-01 (d_7e0a01)

tag uv1.dose_mjcm2

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	51	62	59.785	1440	8640
2026-10-02	51	62	59.79	1440	8640
2026-10-03	50	62	59.803	1440	8640
2026-10-04	50	62	59.736	1440	8640
2026-10-05	50	62	59.807	1440	8640
2026-10-06	52	62	59.753	1440	8640
2026-10-07	51	62	59.766	1440	8640
2026-10-08	51	62	59.773	1440	8640
2026-10-09	52	62	59.824	1440	8640
2026-10-10	50	62	59.748	1440	8640
2026-10-11	51	62	59.774	1440	8640
2026-10-12	47	62	58.649	1440	8640
2026-10-13	0	62	56.53	1440	8640
2026-10-14	47	62	58.759	1440	8640
2026-10-15	47	62	58.607	1440	8640
2026-10-16	46	62	58.542	1440	8640

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-17	51	62	59.774	1440	8640
2026-10-18	50	62	59.767	1440	8640
2026-10-19	46	62	58.828	1440	8640
2026-10-20	46	62	58.684	1440	8640
2026-10-21	47	62	58.7	1440	8640
2026-10-22	0	62	54.403	1260	7560
2026-10-23	47	62	58.631	1440	8640
2026-10-24	51	62	59.756	1440	8640
2026-10-25	51	62	59.748	1440	8640
2026-10-26	51	62	59.773	1440	8640
2026-10-27	47	62	58.792	1440	8640
2026-10-28	47	62	58.735	1440	8640
2026-10-29	47	62	58.794	1440	8640
2026-10-30	46	62	58.674	1440	8640
2026-10-31	52	62	59.79	1440	8640

Hallett UV: Lamp life remaining (days) - gateway SAMPLE-TR-01 (d_7e0a01)

tag uv1.lamp_days

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	117	117	117	1440	8640
2026-10-02	116	116	116	1440	8640
2026-10-03	115	115	115	1440	8640
2026-10-04	114	114	114	1440	8640
2026-10-05	113	113	113	1440	8640
2026-10-06	112	112	112	1440	8640
2026-10-07	111	111	111	1440	8640
2026-10-08	110	110	110	1440	8640
2026-10-09	109	109	109	1440	8640
2026-10-10	108	108	108	1440	8640
2026-10-11	107	107	107	1440	8640
2026-10-12	106	106	106	1440	8640
2026-10-13	105	105	105	1440	8640
2026-10-14	104	104	104	1440	8640
2026-10-15	103	103	103	1440	8640
2026-10-16	102	102	102	1440	8640
2026-10-17	101	101	101	1440	8640
2026-10-18	100	100	100	1440	8640
2026-10-19	99	99	99	1440	8640
2026-10-20	98	98	98	1440	8640
2026-10-21	97	97	97	1440	8640
2026-10-22	96	96	96	1260	7560
2026-10-23	95	95	95	1440	8640
2026-10-24	94	94	94	1440	8640
2026-10-25	93	93	93	1440	8640
2026-10-26	92	92	92	1440	8640
2026-10-27	91	91	91	1440	8640
2026-10-28	90	90	90	1440	8640
2026-10-29	89	89	89	1440	8640
2026-10-30	88	88	88	1440	8640

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-31	87	87	87	1440	8640

Hallett UV: UV intensity (%) - gateway SAMPLE-TR-01 (d_7e0a01)

tag uv1.uvi_pct

Day	Minimum	Maximum	Mean	Periods	Samples
2026-10-01	90	96	92.964	1440	8640
2026-10-02	90	96	92.949	1440	8640
2026-10-03	90	96	93.015	1440	8640
2026-10-04	90	96	93.013	1440	8640
2026-10-05	90	96	93.024	1440	8640
2026-10-06	90	96	93.02	1440	8640
2026-10-07	90	96	92.994	1440	8640
2026-10-08	90	96	92.987	1440	8640
2026-10-09	90	96	93.019	1440	8640
2026-10-10	90	96	92.982	1440	8640
2026-10-11	90	96	93.032	1440	8640
2026-10-12	90	96	92.981	1440	8640
2026-10-13	0	96	89.506	1440	8640
2026-10-14	90	96	93.054	1440	8640
2026-10-15	90	96	93.002	1440	8640
2026-10-16	90	96	93.003	1440	8640
2026-10-17	90	96	93.021	1440	8640
2026-10-18	90	96	92.951	1440	8640
2026-10-19	90	96	93.032	1440	8640
2026-10-20	90	96	92.997	1440	8640
2026-10-21	90	96	92.965	1440	8640
2026-10-22	0	96	86.556	1260	7560
2026-10-23	90	96	93.011	1440	8640
2026-10-24	90	96	93.047	1440	8640
2026-10-25	90	96	93.02	1440	8640
2026-10-26	90	96	92.942	1440	8640
2026-10-27	90	96	92.952	1440	8640
2026-10-28	90	96	92.96	1440	8640
2026-10-29	90	96	92.952	1440	8640
2026-10-30	90	96	92.969	1440	8640
2026-10-31	90	96	92.963	1440	8640

5 DATA GAPS

NZ 2026 G.RR.2/G.RR.5 (every data gap: start, finish, duration; continuous, grab or substituted); 2022 G13 / G17; US 141.74(c)(2) grab samples while an analyser is down

Gateway	Readings	From (local)	To (local)	Minutes	Cause	Grab-covered (min)
SAMPLE-TR-01	Pre-filter pressure (B), Post-filter pressure (C), Treated water tank (F), UV lamp current (G2), Water flow (H), Hallett UV: UV dose, Hallett UV: Lamp life remaining, Hallett UV: UV intensity	2026-10-22 04:40	2026-10-22 07:40	180	gateway offline	-

Prepared by WYLA from the site's records. WYLA does not submit reports; the supplier does.
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6 GRAB SAMPLES AND CALIBRATION CHECKS

US 141.74(a)(2), EPA UVDGM 6.4.1; NZ T3.91 / 2026 T3.BU.10; Ontario 6-5(1)

Grab samples

No grab sample in this month.

Calibration checks

Taken (local)	Gateway	Check	Readings	Result	Tolerance	Entered by / correction
2026-10-10 11:05	SAMPLE-TR-01	Duty UV sensor against the reference sensor (Hallett UV: UV intensity)	94 / 91	pass	instrument / reference at most 1.2	service@clearflowwater.example

7 ALARMS AND REGULATOR NOTICES

BC Design Guidelines B.16 s.13 (monthly alarm summary); US 141.75(b)(2)(ii) and (b)(3)(iii); Ontario s.11(6)(b)

4 alarm(s): red 3, yellow 1, info 0; acknowledged 4, not acknowledged 0; median time to acknowledge 12.5 min; call-out attempts 3.

Raised (local)	Gateway	Alarm	Level	Acknowledged	Cleared
2026-10-09 15:10	SAMPLE-TR-01	E. coli was found in a lab sample	red	2026-10-09 15:24 by service@clearflowwater.example	no
2026-10-13 14:22	SAMPLE-TR-01	Mains power is off at the site	red	2026-10-13 14:28 by service@clearflowwater.example	2026-10-13 15:17
2026-10-22 03:12	SAMPLE-TR-01	Mains power is off at the site	red	2026-10-22 03:23 by service@clearflowwater.example	2026-10-22 07:40
2026-10-22 04:56	SAMPLE-TR-01	Site unit is not reporting in	yellow	2026-10-22 07:06 by service@clearflowwater.example	2026-10-22 07:42

Regulator notices recorded

Who was told, when and how - recorded by a person; WYLA never contacts a regulator.

Told (local)	Authority / person	How	Reference	Concerns	Recorded by
2026-10-09 15:40	Taumata Arowai	phone	Sample reference TA-0001	Something else: E. coli 3 MPN/100 mL in the sample of 8 October. Taps closed, notices up, tank cleaned and dosed, re-sampling until three clear tests.	service@clearflowwater.example
2026-10-09 15:55	Ministry of Education - school water team (sample)	email	Sample reference MOE-0001	Something else: E. coli 3 MPN/100 mL in the sample of 8 October. Taps closed, notices up, tank cleaned and dosed, re-sampling until three clear tests.	service@clearflowwater.example

8 NOTIFICATION CASES AND THEIR DEADLINES

Each notice a regulation required, its deadline and whether it was met: Ontario O.Reg 170/03 Sch.16-6, 16-7, 16-9; US 141.75(b)(3), 141.405(a)(1); 25 Pa. Code 109.701(a)(3); Alberta AR 277/2003 s.11 and Standards 1.11.2.1; BC Act s.12(3), s.13; NZ Water Services Act s22, s25(5)(a)

Each notice a regulation required: its deadline ("immediately" has no deadline; the time it took is shown) and whether a person recorded making it in time. WYLA never notifies a regulator.

Event (local)	Notice	Deadline	Due (local)	Made	Result
2026-10-09 14:45	E. coli detected in a laboratory sample - drinking water may be unsafe	Notify Taumata Arowai: s21(2)(b): no timeframe in the Act; Taumata Arowai asks for unsafe water "straight away" (shown as the time since the result was recorded)	immediately	2026-10-09 15:40 phone to Taumata Arowai, ref Sample reference TA-0001	made after 55 min
		Tell the Ministry of Education / NZSPA: Taumata Arowai, drinking water suppliers - schools: "notify the Water Services Authority and the Ministry of Education" when water may be contaminated (no timeframe stated; shown as the time since the event)	immediately	2026-10-09 15:55 email to Ministry of Education - school water team (sample), ref Sample reference MOE-0001	made after 1 h 10 min

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9 OPERATOR INPUTS

Values WYLA does not measure at this site. WYLA never estimates them.

Volume treated see the UV results (by volume)

Changes made at the panel

WYLA never changes the equipment: a certified operator made each change at the panel and recorded it; where the gateway reads the setting WYLA looked for the new value (read-back).

No change was recorded in WYLA's control log this month.

10 RECORD INTEGRITY

NZ Water Services Act s179(1)(d)-(e); Ontario O.Reg 128/04 s.27; US 141.33 and 142.16(o)(2)

`Snapshot SHA-256 (the day hashes below, in one hash): 65fca8e92aa0fc92fbd1b774c3cca01a7c063809a0f8d3fa28a2e0c061e6a20a`

A sealed day is listed with its seal; a day not yet sealed (days seal 8 days after they end) with the hash of exactly what this report was built from, in the seal's own canonical form. When the seal lands WYLA compares the two; if late data changed the day, this report is flagged "restatement needed" and a corrected version is signed - it is never edited.

Gateway	Day	State	Seq	Day SHA-256 (seal content hash, or snapshot hash)
SAMPLE-TR-01	2026-10-01	sealed	3	91c7644cd4a13e908ec59546c390c0079163cca63ea5283fa32b66531b3bd584
SAMPLE-TR-01	2026-10-02	sealed	4	79975b99f00f68ddc45056c4a42fff7140f7e75153b219f40c9ba317e2717b7d
SAMPLE-TR-01	2026-10-03	sealed	5	68434f3962e718943d45db0846f78d0fe9f5342bd3c5ee75c77e506e09ecc4d4
SAMPLE-TR-01	2026-10-04	sealed	6	c679469ae130f32903ae9262eaf9e6416c4e01ad6d812704df120071c632c162
SAMPLE-TR-01	2026-10-05	sealed	7	d3cd061ad4ffe0cb47388caad3da8fc0d5e556b8b8ab87de1a6efcf2689979d9
SAMPLE-TR-01	2026-10-06	sealed	8	3230b6a8490a9ff84c77c67c335cf17b5961ab3df631daf52fa461f842c29246
SAMPLE-TR-01	2026-10-07	sealed	9	ed9e44483e5ad2ab310a4eb01cff98f6ca8698922a6dfa08b504079f1c9978ea
SAMPLE-TR-01	2026-10-08	sealed	10	29502f329b4d58687a8bed7ef49b340bf375d68ebe4fbe98b2c0ea3cb18f598b
SAMPLE-TR-01	2026-10-09	sealed	11	87b41533c7e13904ef7cfdfd2e716baae9abbcee6b87e4effd4b69ad34297fca
SAMPLE-TR-01	2026-10-10	sealed	12	e32398ba79ea7a2eb9c967a9bc73b59e7456ab10f15758c2a8f29be66fee1922
SAMPLE-TR-01	2026-10-11	sealed	13	c0f7f6a7d77a894d3bd89824457b511a4688185c84a2866852141c591e73cc87
SAMPLE-TR-01	2026-10-12	sealed	14	bed155b0e4d7e25d93faefac044f5d21edd82da78a15c24b756845e83b1241e0
SAMPLE-TR-01	2026-10-13	sealed	15	10e7990ea035396d5360d16c173b28520a08a8272cc31b550f31a3f3c909e721
SAMPLE-TR-01	2026-10-14	sealed	16	04b6ad380d402db7bc0915f4548695ebd633045551de588dbeb42f2aa660b243
SAMPLE-TR-01	2026-10-15	sealed	17	190c521be544fc303eec293fed5a811c174da2a537712ffc377522358fe08e79
SAMPLE-TR-01	2026-10-16	sealed	18	206d679a9a3dcb94eb9d26bdaa806e88074a72330d15351c3b01ada41ef2021f
SAMPLE-TR-01	2026-10-17	sealed	19	27a4b0b2869f60dc888b9d005f2152fb174357c5d9966969c175f7c55e880112
SAMPLE-TR-01	2026-10-18	sealed	20	9a7ac91f9363f74b304478adc6db022ba6c61da50a8a1e5f577ff451f430623e
SAMPLE-TR-01	2026-10-19	sealed	21	1d439bf1cfd70457f8cb4a8d3046ed24d521a64d645ae9f27046fd5ce6c15f19
SAMPLE-TR-01	2026-10-20	sealed	22	72ea7621a3c148cc218f94277b6c82f69fb3f61504f5791b5562b717940c64d2
SAMPLE-TR-01	2026-10-21	sealed	23	3c3d53665b721987d1f3f87ebf4112f7cd95c44805be78193463e4c9c01a572f
SAMPLE-TR-01	2026-10-22	sealed	24	e4d7c23967b89d71f6d4f06ac88d8b8fd4a738bd3f7b7d732169bc08d9b7a555
SAMPLE-TR-01	2026-10-23	sealed	25	fb8fae5c4a3f854a286570b0f9275c739262aa1222df4209bac461c88d7ba83c
SAMPLE-TR-01	2026-10-24	sealed	26	c1e1b8961624829f9bbd28c7cbcb8476f72262470f2e2b49be13e6f8db10f307
SAMPLE-TR-01	2026-10-25	sealed	27	8ea7c5e00a2def65542dbff8759b109acbdac26cb9b7a4bb8785dabaaef4cdf5
SAMPLE-TR-01	2026-10-26	sealed	28	b5d9ffac25b3ba0955395870eff6c3fad2dd91a50c707384bea1f267d89ca288
SAMPLE-TR-01	2026-10-27	sealed	29	3f4b37706695d284f8de4c9d7067eb5e0fd2168d370c1bcab2cce83aab622170
SAMPLE-TR-01	2026-10-28	not yet sealed	-	669280a6bc7e3d1d273200492d112f98db81d2d439a4aa0e9e9eaa2d82a8f946
SAMPLE-TR-01	2026-10-29	not yet sealed	-	862877763e9f44eaf5a3add728fbb43dd9cd984177cc8893521b172f07ce3785
SAMPLE-TR-01	2026-10-30	not yet sealed	-	431cbe1cd1d0edceeaa041a8293ff0634f1a9985f44ee669b435ceb073f7f098
SAMPLE-TR-01	2026-10-31	not yet sealed	-	75537edf43db936ee0bbfaf2e76990aefabdc0b70ad5a26a660e435590ee834d

Differing repeats kept beside the stored records this month: 0. WYLA can check every seal listed here against its records on request, for an auditor or the regulator.

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11 SIGN-OFF

I have reviewed this report. To the best of my knowledge, it is a true and complete summary of the monitoring records held in WYLA for this site for the period shown. Where a value was not measured, or a period of records was lost or is not yet sealed, the report says so. This report does not by itself show that the water supply met every requirement. Responsibility for operating the water supply, and for any submission to a regulator, remains with the supplier.

Signed by	Hana Ruddock (hana.ruddock@teraki-water.example)
Role	Owner
Signed at	2026-11-05 15:00
Identity check	signed in again with a passkey at 2026-11-05 15:00, just before signing
Statement version	2026-11-07
Content SHA-256	`e552d51e482a345352f9fda7cb82a749c84ba01d83b9ea8e9bce38d49176e253`

12 WHAT EACH SECTION IS EVIDENCE FOR

Section	Requirement (clause)
Daily verdicts	NZ DWQAR 2022 G3 / 2026 G.RR.5; US 141.75(b), 141.721(f)(15); Alberta Standards 1.11.2.2
Chlorine	US 40 CFR 141.75(b)(2)(i) daily lowest residual; 141.75(b)(2)(ii) every period below the minimum and when the State was notified; 141.403(b)(3) (GWR); WA DOH 331-440-F "DOH notified? Name & Time"
UV	US 40 CFR 141.721(f)(15) and 141.720(d)(3)(ii): % of water not treated within validated conditions (by volume - needs a flow totaliser); NZ T3.15 / T3.86 (2026 T3.BU) daily rules
C.t	US 141.74(b)(3) / 141.75(a)(2) (State-required for filtered systems: TX, WA); NZ T3.2 / T3.4
Periods out of limits	NZ 2026 G.RR.5 (date, duration, max/min of each non-compliance); US 141.75(b)(2)(ii); Ontario Sched 22-2(2) (duration of each failure)
Daily statistics	Ontario O.Reg 170/03 s.12 (daily minimum, maximum and mean of continuous monitoring); Alberta Standards 1.11.2.3 (monthly min/avg/max)
Data gaps	NZ 2026 G.RR.2/G.RR.5 (every data gap: start, finish, duration; continuous, grab or substituted); 2022 G13 / G17; US 141.74(c)(2) grab samples while an analyser is down
Grab samples and calibration checks	US 141.74(a)(2), EPA UVDGM 6.4.1; NZ T3.91 / 2026 T3.BU.10; Ontario 6-5(1)
Alarms and notices	BC Design Guidelines B.16 s.13 (monthly alarm summary); US 141.75(b)(2)(ii) and (b)(3)(iii); Ontario s.11(6)(b)
Notification cases	Each notice a regulation required, its deadline and whether it was met: Ontario O.Reg 170/03 Sch.16-6, 16-7, 16-9; US 141.75(b)(3), 141.405(a)(1); 25 Pa. Code 109.701(a)(3); Alberta AR 277/2003 s.11 and Standards 1.11.2.1; BC Act s.12(3), s.13; NZ Water Services Act s22, s25(5)(a)
Record integrity	NZ Water Services Act s179(1)(d)-(e); Ontario O.Reg 128/04 s.27; US 141.33 and 142.16(o)(2)

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