

Unclassified



Taumata Arowai update

14 March 2023





Te Whakatauākī a Taumata Arowai

Ko te wai ahau, ko ahau te wai.

He whakaaturanga tātau nō te wai.

Ko te ora te wai ko te ora o te tangata.

He taonga te wai me tiaki.

Ko wai tātou.

Ko wai tātou.

I am water, water is me.

We are reflections of our water.

The health of the water is the health of the people.

Water is a treasure that must be protected.

We are water.

Water is us.





What we will cover today

- **General update**
 - Ray McMillan, Head of Regulatory
- **Monitoring rules**
 - Noah Hensley, Senior Technical Advisor
- **Reporting requirements**
 - Michael Howden, Data + Insights Manager
- **Pātai / questions**
 - Opportunity to answer any further pātai / questions you might have





General update



Cyclone Gabrielle

- We're working with suppliers and communities in areas affected by Cyclone Gabrielle.
- Our role in an emergency is to support and coordinate the drinking water component of the broader emergency response.
- Initial observations are we need to work with the water sector to lift capability in resilience to emergencies.



13 April 2023: Next Water New Zealand webinar
Emergency management and Cyclone Gabrielle learnings





Unregistered suppliers – no action needed

- All drinking water suppliers have a duty of care to ensure any drinking water they supply is safe to drink.
- Owners of unregistered drinking water supplies have up to **November 2025** to register with Taumata Arowai and **November 2028** to fully comply with the requirements of the Water Services Act 2021.
- These timeframes provide an opportunity for Taumata Arowai to work with our unregistered community to understand their needs and circumstances, and we are.





Shining a light on performance

- Monitoring and reporting helps us promote public understanding of drinking water supplies and develops our understanding of environmental performance of drinking water networks.
- Over time monitoring will help lift the performance of the water sector to ensure everyone has access to safe and reliable drinking water every day.
- Timely and accurate information collection helps us to build an accurate picture.



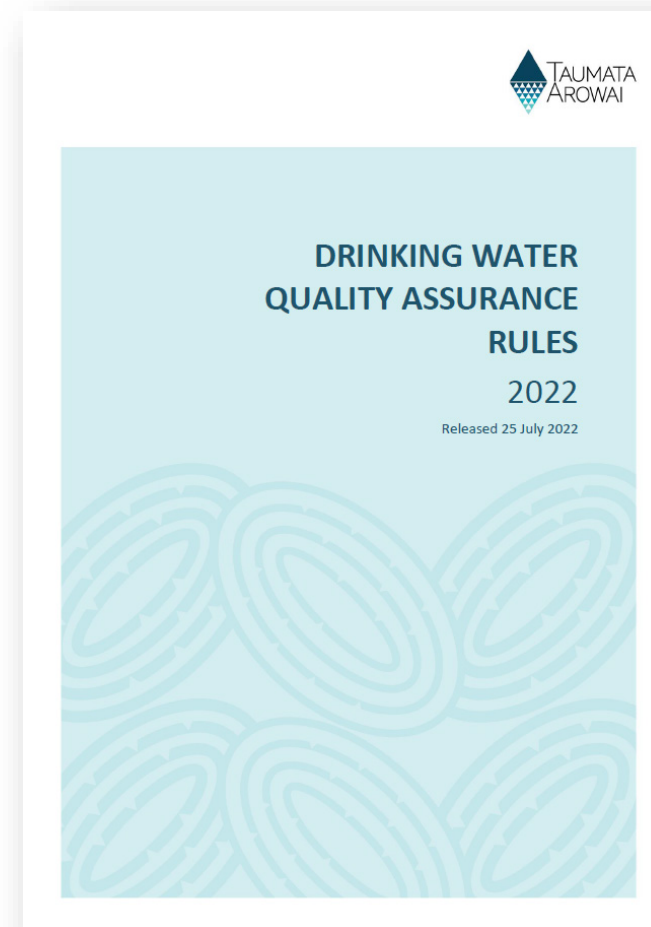


Monitoring rules



Suppliers' responsibilities

- All registered suppliers must ensure the water they supply is safe and complies with:
 - Drinking Water Standards
 - Drinking Water Quality Assurance Rules / Acceptable Solutions
 - Aesthetic Values
- The rules have been set for water suppliers, not for Taumata Arowai.





Why do I need to monitor and report?

- Monitoring tells you what you need to know to ensure you are supplying safe drinking water. It's a key part of assessing and managing your risks.
- It's your responsibility to know whether you comply. You tell us this in your reporting.
- Reporting gives you an opportunity to explain any non-compliance. Our response will be proportionate to the scale, complexity and risk of your supply.
- Suppliers know their supply/s the best and are best placed to manage the risks.





General Rules – Reporting periods

- Must report compliance for **key** parameters to Taumata Arowai
 - **G1.** Level 1 rules every 6 months – (*E. coli*, total coliforms, turbidity)
 - **G2.** Level 2 rules every 3 months – (*E. coli*, total coliforms, turbidity, UV dose, FAC, pH)
 - **G3.** Level 3 rules every month
 - Bacterial compliance – (FAC, UV dose, Ozone residual)
 - Protozoa compliance – (Turbidity, Ozone C.t, UV dose)
 - Distribution zone – (FAC, *E. coli*, total coliforms)
 - **G4.** All other monitoring rules annually
 - **G5.** All assurance rules annually





View My Rules tool



The screenshot shows a web browser window with the URL `mastertest-taumataarowai.powerappsportals.com/supplies/`. The page header includes the Taumata Arowai logo, the name 'Hinekōrako', and navigation links for 'My Supplies', 'Manage Users', and 'Taumata Arowai Testing'. The main content area features a green horizontal bar and the heading 'My Supplies'. Below this, a welcome message reads: 'Nau mai, welcome to Hinekōrako'. The text explains that Hinekōrako is a self-service portal for drinking water suppliers and laboratories, used for registration and management. It also provides instructions on how to verify, edit, or register supplies, and mentions 'quick reference guides' for more information. At the bottom, it refers to video guides for confirming migrated supply details.

The image shows the cover of a document titled 'DRINKING WATER QUALITY ASSURANCE RULES 2022'. The cover is light blue with a pattern of stylized water droplets or waves. The text on the cover includes the Taumata Arowai logo, the title 'DRINKING WATER QUALITY ASSURANCE RULES', the year '2022', and the release date 'Released 25 July 2022'.



Home > My Supplies

My Supplies

Nau mai, welcome to Hinekōrako

Hinekōrako is the self-service web portal for drinking water suppliers and laboratories, and the regulatory and intelligence platform for Taumata Arowai. It will be the primary channel for registration and management of drinking water supplies - allowing suppliers and laboratories to share information with Taumata Arowai.

Your supplies are listed below. From here, depending on your level of access, you can verify supplies migrated from the Ministry of Health's Public Register of Drinking Water Suppliers, edit supply registrations you have already submitted or register new supplies, including Temporary drinking water supplies. You can find guidance on registering your supply and maintaining supply information in the [quick reference guides](#) on our website. If you don't have the access you expect or can't see the supplies you expect to see, contact your Supply Group Administrator or Taumata Arowai.

In certain circumstances you are required to notify us of changes or issues relating to your supplies. To do so, choose View Supply Details from the drop down menu for the supply and then View/Add Notifications.

Please refer to the following videos for on screen guidance: [Confirm Migrated Supply Details \(All Supplies except Water Carriers\)](#) and [Confirm Migrated Supply Details \(Water](#)



Hinekōrako

My Supplies
Aku Ratonga

Manage Users
Te Whakahaere Kaiwhakamahi

Reporting
Tuku Ratonga

Taumata Arowai Testing

Home > My Supplies > View a Supply

Actions for this supply

- Edit Supply
- View/Add Notifications
- View/Add Drinking Water Safety Plans
- View/Add Exemptions
- View My Rules

Details of your supply are displayed below. If you need to edit the information select Edit Supply from the Actions list. If the 'Edit Supply' option does not show you may not have access, or the supply is being processed by us. Please contact your Supply Administrator for assistance.

Summary

Supply Details

Supply ID

SEL004

Supply Name *

Self-supplied building >500 Population

Supply Type *

Self-supplied building

Ownership Type

Government Agency

Population Supplied

800

Community Name

Self-supplied building >500 Population

Hapori Type

N/A

Hapori Type Other Please Describe

—



Home > My Supplies > **View My Rules**

View My Rules

This tool helps you to identify any Drinking Water Quality Assurance Rules (**Rules**) that apply to your drinking water supply.

Use of this tool is optional. It does not affect any other information or settings within Hinekōrako or serve as a record about the operation of your supply. It simply helps you to identify any Rules that apply to your supply, which must be reflected in the drinking water safety plan you prepare for your supply.

As a drinking water supplier, you are responsible for identifying and complying with all applicable legislative requirements – including Rules – for your supply. While this tool is intended to help you identify relevant Rules, it does not limit or replace your responsibilities. You can view a full copy of the Rules at [Drinking Water Quality Assurance Rules | Taumata Arowai](#). Information about other legislative requirements for drinking water supplies is available at [Supplier responsibilities | Taumata Arowai](#).

What are the Rules and do I have to comply with them?

Taumata Arowai makes the Rules under the Water Services Act 2021. They set out detailed requirements that relate to functions and duties under the Act. The Rules are not ‘one size fits all’. Different Rules apply to different types of drinking water supply, depending on their scale, complexity and risk profile. You can find out more about the Rules at [New Standards, Rules, and Aesthetic Values | Taumata Arowai](#).

Taumata Arowai also makes acceptable solutions and verification methods under the Water Services Act 2021. If you choose to adopt an acceptable solution or verification method, you may be deemed to comply with the Rules. The acceptable solution or verification method will tell you whether this is the case.

How do I use this tool?

This tool uses information you have provided to us to identify applicable Rules. Selected details about your supply are set out below. The drop-down boxes are pre-populated with options that match the supply details. You can change these boxes to better reflect the operation of your supply, or to explore different options.

The drop-down boxes only display options that are permissible for the supply details you have provided. If your supply details are not correct, please update them from [My Supplies](#) and then return to this page to check the revised details. Click on the ‘View’ button to see the detailed Rules that apply to your supply, based on your drop-down box selections.

Supply Name: Self-supplied building >500 Population (SEL004)

Population Supplied: 800

Supply Type: Self-supplied building

General:

Source:

Treatment:

This tool uses information you have provided to us to identify applicable Rules. Selected details about your supply are set out below. The drop-down boxes are pre-populated with options that match the supply details. You can change these boxes to better reflect the operation of your supply, or to explore different options.

The drop-down boxes only display options that are permissible for the supply details you have provided. If your supply details are not correct, please update them from [My Supplies](#) and then return to this page to check the revised details. Click on the 'View' button to see the detailed Rules that apply to your supply, based on your drop-down box selections.

Supply Name: Self-supplied building >500 Population (SEL004)

Population Supplied: 800

Supply Type: Self-supplied building

General:

General

Source:

S3

Treatment:

T3

Bacterial

Chlorine

Protozoal

(Hold 'ctrl' to select multiple)

- Coagulation, Flocculation and S
- Coagulation, Flocculation and D
- Coagulation, Flocculation, Sedir
- Second Stage Filtration
- Slow sand filtration
- Cartridge Filtration
- Membrane Filtration
- Ozone Disinfection

Chemical

Chemical

Cyanotoxin

Cyanotoxin

View

Chemical

Cyanotoxin

[View](#)

4.1 General Rules

Rule Number	Requirement	Assurance/ Monitoring	Compliance period
G1.	Drinking water suppliers demonstrating compliance against level 1 Rules must report to Taumata Arowai the water quality monitoring information set out in table 3.	Monitoring	As set out in table 3
G2.	Drinking water suppliers demonstrating compliance against level 2 Rules must report to Taumata Arowai the water quality monitoring information set out in table 4.	Monitoring	As set out in table 4
G3.	Drinking water suppliers demonstrating compliance against level 3 Rules must report to Taumata Arowai the water quality monitoring information set out in tables 5, 6 and 7.	Monitoring	As set out in tables 5, 6 and 7
G4.	Reporting against Level 1, level 2 and level 3 monitoring rules that are not included in tables 3, 4, 5, 6, and 7 must be made to Taumata Arowai annually within 40 working days of the end of each calendar year.	Monitoring	As set out in the relevant rules
G5.	Drinking water suppliers demonstrating compliance with level 2 and level 3 Rules, must report to Taumata Arowai on their performance against all assurance rules annually within 40 days of the end of each calendar year. ⁵	Assurance	1 Year
G6.	All samples collected from drinking water supplies for monitoring that are analysed by laboratories, must be labelled with the unique source, treatment plant, distribution zone, or Water Carrier Service identifier allocated by Taumata Arowai, to show where the sample was collected from and the time and date that the sample was collected.	Assurance	1 Year
G7.	Drinking water suppliers must take reasonably practicable steps to ensure that samples for <i>E. coli</i> , total coliforms, or other microbiological contaminants are delivered to a laboratory within 24 hours of the sample being collected, and at a water temperature that is no higher than the water temperature at the time of sampling but above zero degrees Celsius.	Assurance	1 year
G8.	All water samples that require laboratory analysis and are used to demonstrate compliance with these Rules must be: <ol style="list-style-type: none"> 1. analysed by a laboratory accredited by IANZ for the type of analysis being undertaken; and 2. collected according to any instructions and specifications provided by the laboratory. 	Assurance	1 year
G9.	Equipment used for the analysis of single samples (grab samples) by drinking water suppliers, to demonstrate compliance with any rule, must be calibrated/verified in accordance with the instrument	Assurance	1 Year



Reporting requirements

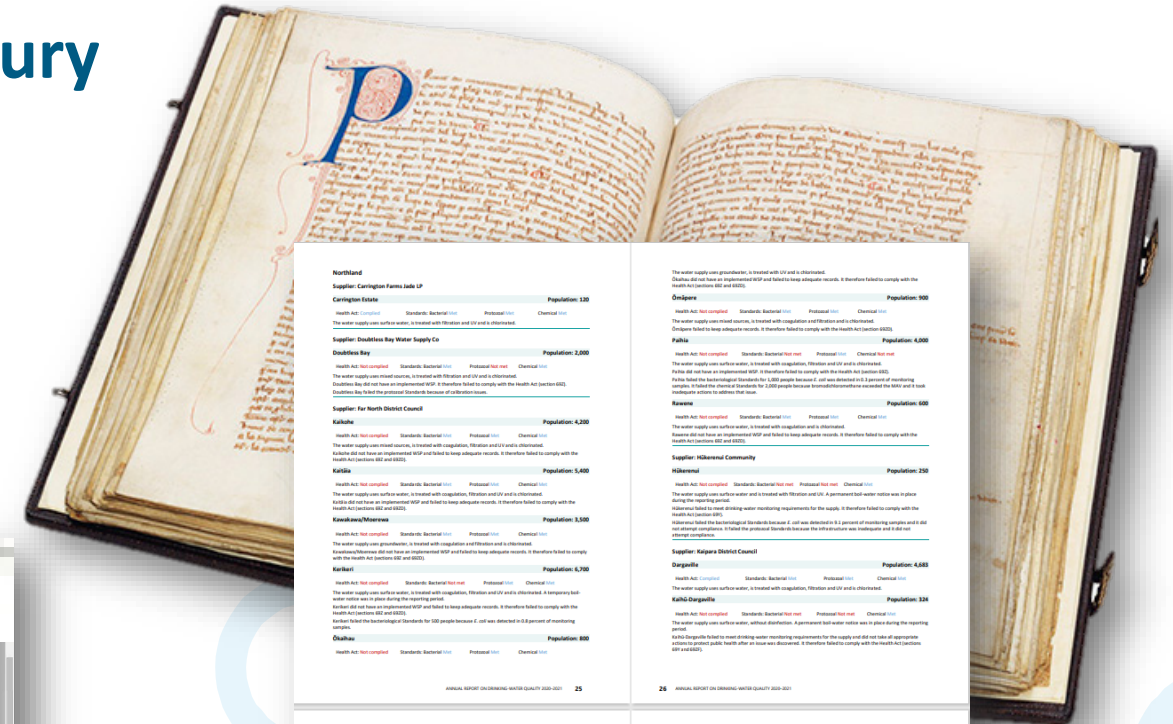
Compliance reporting in the 20th Century



The screenshot shows a web browser window with the URL <https://train.drinkingwateronline.nz/ZoneComplianceSurvey/AnnualDetails/2141>. The page is titled "DRINKING-WATER Online" and "Zone Monitoring: Bacteria". It features a sidebar with navigation options like Home, Supply Structure, Supplies, Sources, Plants, Zones, Water Carriers, Samples, Test Groups, Determinands, Test Methods, Units, Quarterly Compliance, Annual Compliance, Compliance Survey Generation, Schedules, Reports, and Investigations.

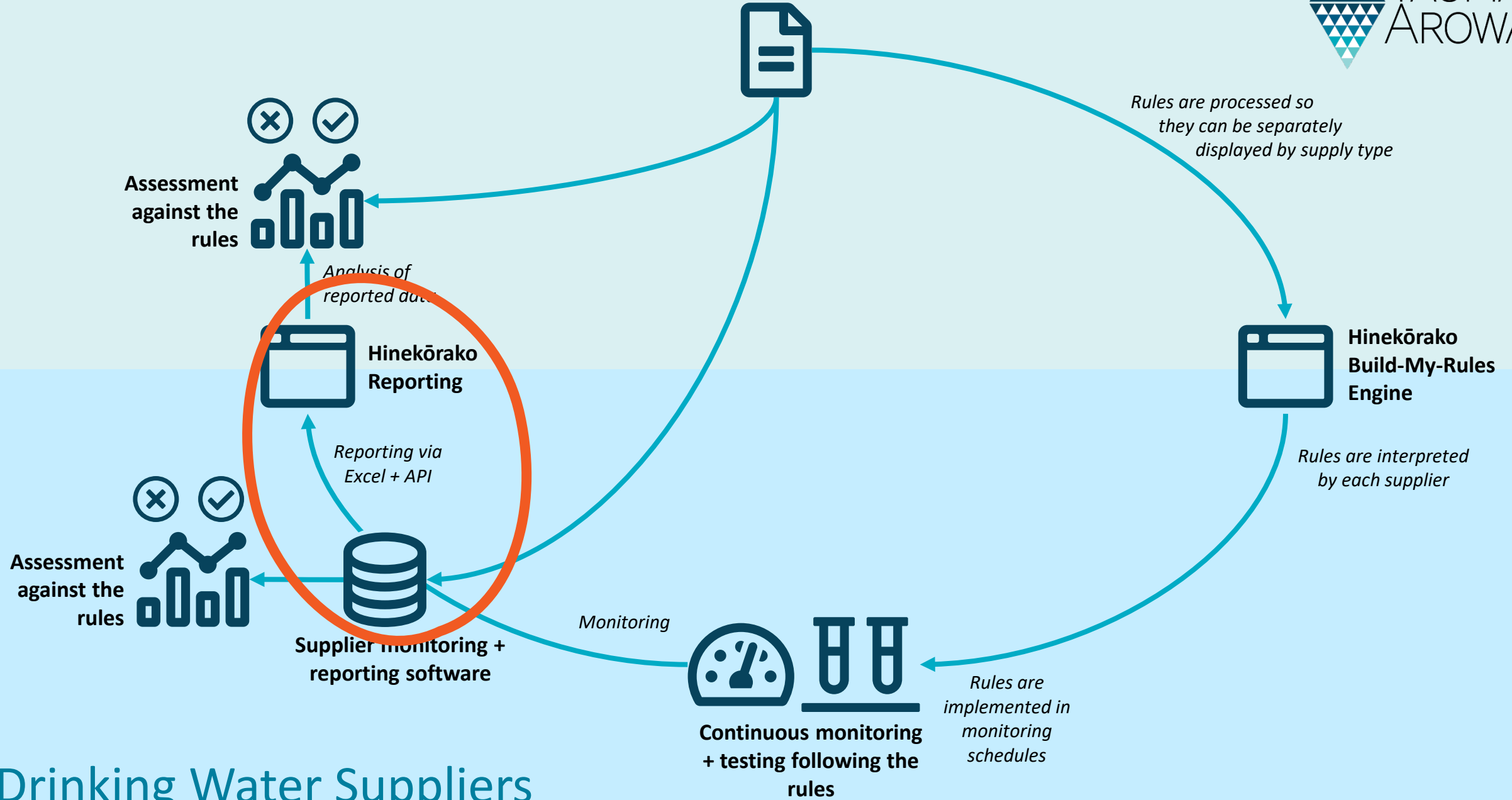
The main content area includes a "RECALCULATE RESULTS" button and a "Bacterial Compliance Monitoring" section. It displays a table for "E. Coli Monitoring" with columns for "Required" and "Calculated". The table shows 12 samples taken, with 40 required and 7 calculated. The "Days of week" is set to 2, and the "Maximum interval" is 45. There are checkboxes for "All samples analysed by a Recognised Laboratory" and "Did seasonal population increase?".

Below the table, there is a section for "E. Coli Transgressions" with a table showing 1 transgression. The table has columns for "Calculated", "Investigated", "Actual", and "Allowable". The "Actual" value is 1, and the "Allowable" value is 1.

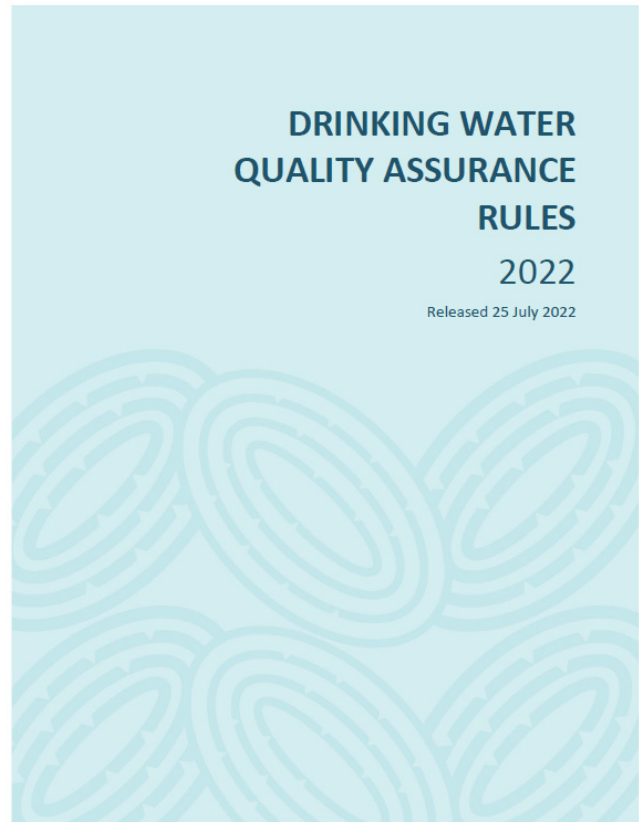


The image shows a grid of small, illegible images, possibly representing a collection of historical records or documents. The images are arranged in a grid and are too small to read. They appear to be scans of various documents, possibly related to the compliance reporting mentioned in the title.

Drinking Water Quality Assurance Rules (DWQAR)



Compliance reporting in the 20th Century



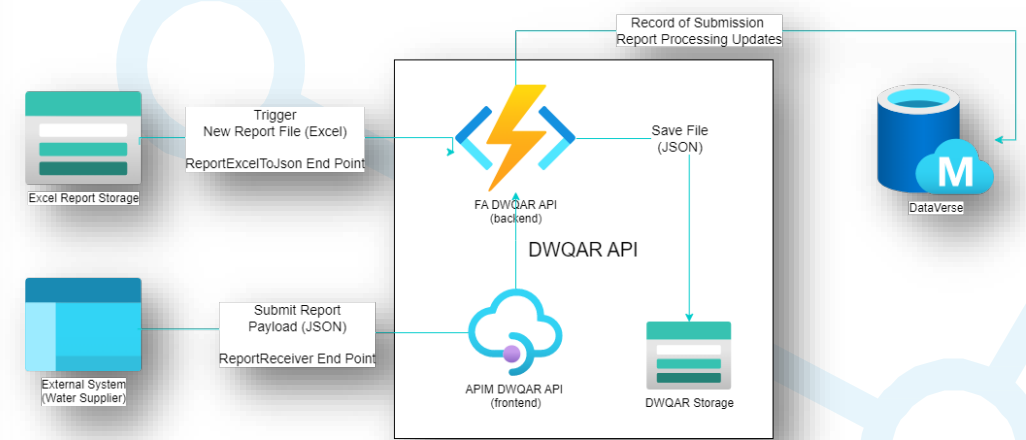
DWQAR Summary List - DRAFT

Rule num	Level	Rule ID	Type	Determinand	Table	Group	Sampling Freq	Duration between	Compliance per	Reporting period	Log/Type/Cl	Report Tim	Units
55	S2.2	2 S2.2-coli	Monitoring	Total Coliforms	Table 13. S2 Source water monitoring determinands for		Monthly	N/A	N/A	Annually	N/A	40 Working Days	
122	T2.1	2 T2.1-ecol	Monitoring	E. coli (in water)	Table 14. T2 Treated Water Monitoring Requirements		Monthly	At least 12 Days	Monthly	Annually	N/A	40 Working Days	
123	T2.1	2 T2.1-coli	Monitoring	Total Coliforms	Table 14. T2 Treated Water Monitoring Requirements		Monthly	At least 12 Days	Monthly	Annually	N/A	40 Working Days	
124	T2.1	2 T2.1-trea	Monitoring	Any chemical us	Table 14. T2 Treated Water Monitoring Requirements		Monthly	At least 12 Days	Monthly	Annually	N/A	40 Working Days	
126	T2.1	2 T2.1-uvr	Monitoring	UVT	Table 14. T2 Treated Water Monitoring Requirements		Every 3 Months	At least 70 Days	Annually	Annually	N/A	40 Working Days	
127	T2.1	2 T2.1-chrt	Monitoring	Chlorate (if sodi	Table 14. T2 Treated Water Monitoring Requirements		Every 3 Months	At least 70 Days	Annually	Annually	N/A	40 Working Days	
129	T2.2	2 T2.2-ecol	Monitoring	E. coli (in water leaving the treatment plant)			Monthly	N/A	Monthly	3 Months	N/A	20 Working Days	
130	T2.2	2 T2.2-coli	Monitoring	Total Coliforms (in water leaving the treatment plant)			Monthly	N/A	Monthly	3 Months	N/A	20 Working Days	
329	D2.1	2 D2.1-ecol	Monitoring	E. coli	Table 15. D2 Distribution System Monitoring Determina		Monthly	At least 12 Days	Monthly	3 Months	N/A	20 Working Days	
330	D2.1	2 D2.1-coli	Monitoring	Total Coliforms	Table 15. D2 Distribution System Monitoring Determina		Monthly	At least 12 Days	Monthly	3 Months	N/A	20 Working Days	

```

1  "external_report_id": "Report_ID_1_ABC123",
2
3  "reporting_period_start": "2023-01-01",
4  "reporting_period_end": "2023-03-31",
5  "reporting_key": "Unique key issued within the kero portal",
6  "supply_code": "ABC123",
7  "date_submitted": "2023-04-12",
8  "rules": [
9
10   {
11     "rule_id": "S2.4",
12     "complies_with_rule": true,
13     "non_compliant_periods": 0,
14     "supply_component_code": "TP04026",
15     "notes": "Plain text notes",
16     "samples": null
17   },
18
19   {
20     "rule_id": "T1.8",
21     "complies_with_rule": false,
22     "non_compliant_periods": 1,
23     "supply_component_code": "TP04026",
24     "notes": "Plain text notes",
25     "samples": [
26       {
27         "external_sample_id": "your_id_here",
28         "sample_date": "2022-09-05",
29         "parameter_determinand": "EColi",
30         "value_prefix": "X",
31         "value": 0.001,
32         "unit": "mg/L",
33         "complies_with_rule": true,
34         "source_class": null,
35         "notes": "Plain text notes"
36       },
37       {
38         "external_sample_id": "your_id_here2",
39         "sample_date": "2022-09-05",
40         "parameter_determinand": "EColi",
41         "value_prefix": "X",
42         "value": 0.009,
43         "unit": "mg/L",
44         "complies_with_rule": false,
45         "source_class": null,
46         "notes": "Plain text notes"
47       }
48     ]
49   }
50 ]

```





Drinking Water Quality Assurance Rules Reporting

Reporting Template Version: 1

[The Drinking Water Quality Assurance Rules Reporting Guidelines can be downloaded from Hinekōrako](#)

Section 1: Supplier/Report Details

Section 3: Samples

[See worksheet "Samples"](#)

External Reporting ID	MH-001	(Optional, your own tracking id for this report)
Reporting Period Start	01/01/2023	(Required, the start date of the reporting period)
Reporting Period End	31/01/2023	(Required, the end date of the reporting period)
Supply ID	ROS-00001210	(Required, create separate reports for different supplies)
Date Submitted	15/02/2023	(Required, the date you are submitting this report)
Name	Michael Howden	(Required, person submitting this report)
Email	el.howden@taumataarowai.govt.nz	(Required, email of person submitting this report)

Section 2: Rule Reports

Rule ID	Supply Component ID	Complies With Rule	Non Compliant Periods	Notes
T3.2	TP00001	TRUE		0 CL disinfection - in Table 5
T3.3	TP00001	TRUE		0 CL disinfection - in Table 5
T3.4	TP00001	TRUE		0 CL disinfection - in Table 5
T3.5	TP00001	TRUE		0 CL disinfection - in Table 5
T3.6	TP00001	TRUE		0 CL disinfection - in Table 5
T3.47	TP00001	TRUE		0 C/F/S/filtration - in table 6
T3.48	TP00001	TRUE		0 C/F/S/filtration - in table 6
D3.19	DZ00001	FALSE		1 one sample with no TC result
D3.29	DZ00001	TRUE		0 zone micro - in table 7
D3.19	DZ00002	TRUE		0 zone micro - in table 7
D3.29	DZ00002	TRUE		0 zone micro - in table 7
D3.19	DZ00003	FALSE		1 one sample with no TC result
D3.29	DZ00003	TRUE		0 zone micro - in table 7
D3.19	DZ00004	FALSE		1 one sample with no TC result
D3.29	DZ00004	TRUE		0 zone micro - in table 7

H13 mg/L

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Rule ID	Supply Component ID	External Sample ID	Sample Date	Parameter/Determinand	Value Prefix	Value	Unit	Complies With Rule	Source Class	Notes		
1	D3.19	DZ00001	3889001	30/01/2023	FAC			0.84 mg/L	TRUE	Class 3			
2	D3.19	DZ00002	3888848	27/01/2023	FAC			0.7 mg/L	TRUE	Class 3			
3	D3.19	DZ00003	3888791	26/01/2023	FAC			0.8 mg/L	TRUE	Class 3			
4	D3.19	DZ00004	3888736	25/01/2023	FAC			0.87 mg/L	TRUE	Class 3			
5	D3.19	DZ00005	3888571	23/01/2023	FAC			0.59 mg/L	TRUE	Class 3			
6	D3.19	DZ00006	3888469	20/01/2023	FAC			0.79 mg/L	TRUE	Class 3			
7	D3.19	DZ00007	3886321	19/01/2023	FAC			0.71 mg/L	TRUE	Class 3			
8	D3.19	DZ00008	3886133	17/01/2023	FAC			0.4 mg/L	TRUE	Class 3			
9	D3.19	DZ00009	3885909	13/01/2023	FAC			0.71 mg/L	TRUE	Class 3			
10	D3.19	DZ00010	3885786	11/01/2023	FAC			0.77 mg/L	TRUE	Class 3			
11	D3.19	DZ00011	3885660	09/01/2023	FAC			0.72 mg/L	TRUE	Class 3			
12	D3.19	DZ00012	3885556	06/01/2023	FAC			0.75 mg/L	TRUE	Class 3			
13	D3.19	DZ00013	3882431	05/01/2023	FAC			0.83 mg/L	TRUE	Class 3			
14	D3.19	DZ00014	3882430	05/01/2023	FAC			0.2 mg/L	TRUE	Class 3			
15	D3.19	DZ00015	3882324	04/01/2023	FAC			0.58 mg/L	TRUE	Class 3			
16	D3.29	DZ00016	3888848	27/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
17	D3.29	DZ00017	3888571	23/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
18	D3.29	DZ00018	3886133	17/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
19	D3.29	DZ00019	3885660	09/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
20	D3.29	DZ00020	3882324	04/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
21	D3.29	DZ00021	3888848	27/01/2023	Total Coliforms	<		1 cfu	TRUE	Class 3			
22	D3.29	DZ00022	3888571	23/01/2023	Total Coliforms	<		1 cfu	TRUE	Class 3			
23	D3.29	DZ00023	3886133	17/01/2023	Total Coliforms	<		1 cfu	TRUE	Class 3			
24	D3.29	DZ00024	3882324	04/01/2023	Total Coliforms	<		1 cfu	TRUE	Class 3			
25	D3.19	DZ00002	3889012	30/01/2023	FAC			0.87 mg/L	TRUE	Class 3			
26	D3.19	DZ00003	3888878	27/01/2023	FAC			0.81 mg/L	TRUE	Class 3			
27	D3.19	DZ00004	3888782	26/01/2023	FAC			0.67 mg/L	TRUE	Class 3			
28	D3.19	DZ00005	3888726	25/01/2023	FAC			0.71 mg/L	TRUE	Class 3			
29	D3.19	DZ00006	3888584	23/01/2023	FAC			0.89 mg/L	TRUE	Class 3			
30	D3.19	DZ00007	3888463	20/01/2023	FAC			0.78 mg/L	TRUE	Class 3			
31	D3.19	DZ00008	3886312	19/01/2023	FAC			0.33 mg/L	TRUE	Class 3			
32	D3.19	DZ00009	3886245	18/01/2023	FAC			0.57 mg/L	TRUE	Class 3			
33	D3.19	DZ00010	3886161	17/01/2023	FAC			0.71 mg/L	TRUE	Class 3			
34	D3.19	DZ00011	3886100	16/01/2023	FAC			0.65 mg/L	TRUE	Class 3			
35	D3.19	DZ00012	3885906	13/01/2023	FAC			0.77 mg/L	TRUE	Class 3			
36	D3.19	DZ00013	3885823	12/01/2023	FAC			1.3 mg/L	TRUE	Class 3			
37	D3.19	DZ00014	3885760	11/01/2023	FAC			0.6 mg/L	TRUE	Class 3			
38	D3.19	DZ00015	3885667	09/01/2023	FAC			0.78 mg/L	TRUE	Class 3			
39	D3.19	DZ00016	3885557	06/01/2023	FAC			0.82 mg/L	TRUE	Class 3			
40	D3.19	DZ00017	3882453	05/01/2023	FAC			0.94 mg/L	TRUE	Class 3			
41	D3.19	DZ00018	3882449	05/01/2023	FAC			0.68 mg/L	TRUE	Class 3			
42	D3.19	DZ00019	3882344	04/01/2023	FAC			0.73 mg/L	TRUE	Class 3			
43	D3.19	DZ00020	3880767	02/01/2023	FAC			0.79 mg/L	TRUE	Class 3			
44	D3.29	DZ00021	3888782	26/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
45	D3.29	DZ00022	3888584	23/01/2023	E.coli	<		1 cfu	TRUE	Class 3			
46	D3.29	DZ00023	3886161	17/01/2023	E.coli	<		1 cfu	TRUE	Class 3			

Report via API

Suppliers who use monitoring and assurance software may be able to automatically report to Taumata Arowai via a web-based API (Application Programming Interface), using an API Key. Instructions for reporting via API are available for:

- Infrastructure Data
- WaterOutlook

If you use different software which you would like to report from, please contact info@taumataarowai.govt.nz.

[Click to generate API Key](#)
Key: [Redacted]

Warning: Generating a new key will invalidate the existing key (if any). You need to copy the generated key immediately. Once you navigate away from this page, you will not be able to retrieve it again, and will only be able to generate a new key.

Report via Excel File

You can report to Taumata Arowai in accordance with the Drinking Water Quality Assurance Rules by filling out this [Excel Template](#).

The Excel template can be uploaded below.

[Report via Excel File](#)

Reporting Log

ID	Date Submitted	Supply	Source System	Report Author	Submitted By	Message	Status Reason

Stefán van Greunen (Ex...)
Michelle Earsman

Infrastructure Data

Whangarei District Council

- Home
- Alarms
- Dashboards
 - Bulk Flow Meters
 - Consent Demo
 - Distribution Zone Bream Bay
 - Distribution Zone Hikurangi & Whan...
 - Distribution Zone Mangapai
 - Distribution Zone Maungakaramea
 - Distribution Zone Whangarei Central
 - Northport Flow
 - Overview
 - WTP Ahuroa
 - WTP Mangapai
 - WTP Maungakaramea
 - WTP Poroti
 - WTP Ruakaka
 - WTP Ruddells
 - WTP Whau Valley
- Devices & Sensors
- Forms

WATER-RUD-DWQAR-M1 - Bacterial

VIEW REPORT PERIOD: 12:00 AM on January 1, 2023 -to- 11:59 PM on January 31, 2023

This report is displayed in your time zone | Report passed | Taumata Arowai Report Unsent | Send Now

Ruddells Bacterial Compliance

Day	Ct Value < 15 min.mg/L (NMT)	Retention Time < 5 min (NMT)	Turbidity 15 Minute Event > 2	Missing Minutes (NMT 5%)	Missing Minutes Events (NMT one 15 minute event)
18 Jan	0.0%	0	0.0%	0	0
20 Jan	0.0%	0	0.0%	0	0
21 Jan	0.0%	0	0.0%	0	0
22 Jan	0.0%	0	0.0%	0	0
23 Jan	0.0%	0	0.0%	0	0
24 Jan	0.0%	0	0.0%	0	0
25 Jan	0.0%	0	0.0%	0	0
26 Jan	0.0%	0	0.0%	0	0
27 Jan	0.0%	0	0.0%	0	0
28 Jan	0.0%	0	0.0%	0	0

Taumata Arowai Report

For the period Jan 1, 2023 to Feb 1, 2023

REPORT IS COMPLIANT

In order to send a report to Taumata Arowai, your account must have an API Report Key loaded against it. You can obtain this key from the Hinekōrako portal. Please enter it below in order to continue:

Personal API Key (REQUIRED)
This is your personal API reporting key, issued from the Hinekōrako portal.

Send Now

Stefan van Greunen (Ex...)

SG

- Infrastructure Data
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 - WTP Whau Valley
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- Forms

WATER-RUD-DWQAR-M1 - Bacterial

VIEW REPORT PERIOD: 12:00 AM on January 1, 2023 -to- 11:59 PM on January 31, 2023 This report is displayed in your time zone Report passed Sent to Taumata Arowai Review Report

Taumata Arowai Report

For the period Jan 1, 2023 to Feb 1, 2023

REPORT WAS COMPLIANT

Component: TP00395

COMPLIANT

RULE: T3.2 COMPLIANT

There are no non-compliant periods :

[Add Non-Compliant Period](#)

Report sent

This report was sent on Feb 16, 2023 by Michelle Earsman

[Download raw report data](#)

Date	Missing Minutes (NMT 5%)	Missing Minutes Events (NMT one 15 minute event)
22 Jan	0.0%	0
23 Jan	0.0%	0
24 Jan	0.0%	0
25 Jan	0.0%	0
26 Jan	0.0%	0
27 Jan	0.0%	0
28 Jan	0.0%	0

Stefan van Greunen (Extern...)

Captured Report Output

The outputs captured from the report when run will be shown below.

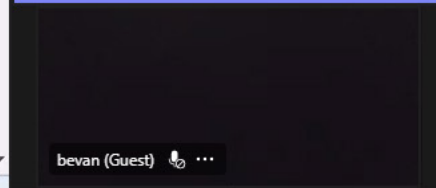
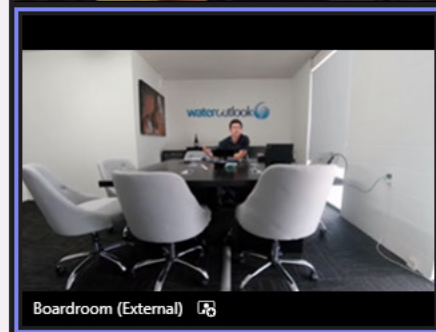
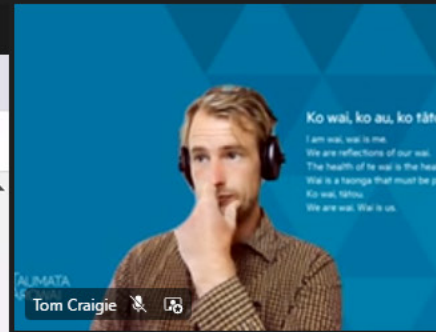
Taumata Arowai Upload

Parameter	Value
External Report ID	Demo_44993.51
Reporting Period Start	2023-01-01
Reporting Period End	2023-01-31
Supply Code	PIV001
Date Submitted	2023-03-08

Rules

Rule: T3.2

Parameter	Value
Rule ID	T3.2
Complies with Rule	Yes



25:31 [Icons: Take control, Pop out, Chat, People, Raise, React, View, Q&A, Apps, More, Camera, Mic, Share, Leave]

intelligence-aeu-prod-adf - Micr x intelligence-aeu-prod-adf - Azur x 2023.03.07 Cyclone Gabrielle Sta x Reporting - Hinekōrako x Untitled x +

https://hinekorako.taumataarowai.govt.nz/reporting/ [Icons: A, star, refresh, star, share, user]

For details regarding the pilot, training webinars, API specification, or for any other queries please contact info@taumataarowai.govt.nz.

Report via API

Suppliers who use monitoring and assurance software may be able to automatically report to Taumata Arowai via a web-based API (Application Programming Interface), using an API Key. Instructions for reporting via API are available for:

- [Infrastructure Data](#)
- [WaterOutlook](#)

If you use different software which you would like to report from, please contact info@taumataarowai.govt.nz.

[Click to generate API Key](#)

Warning: Generating a new key will invalidate the existing key (if any). You need to copy the generated key immediately. Once you navigate away from this page, you will not be able to retrieve it again, and will only be able to generate a new key.

Report via Excel File

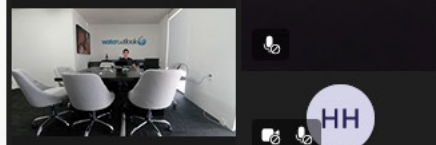
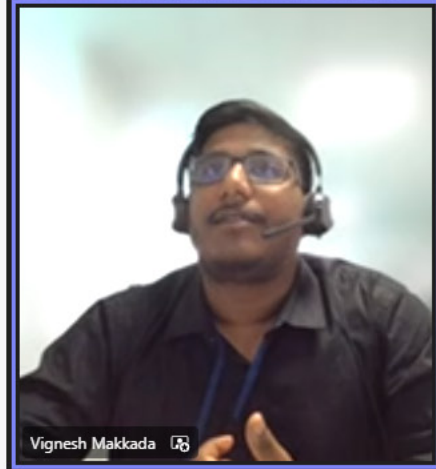
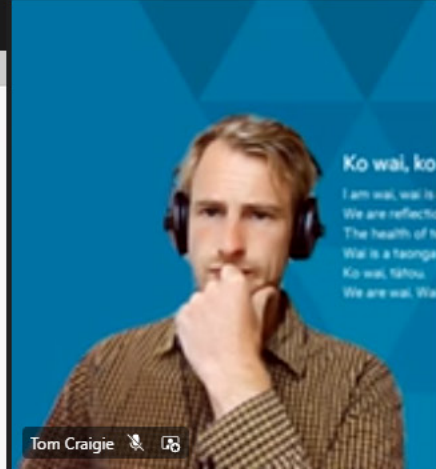
You can report to Taumata Arowai in accordance with the Drinking Water Quality Assurance Rules by filling out this [Excel Template](#).

The Excel template can be uploaded below.

[Report via Excel File](#)

Reporting Log

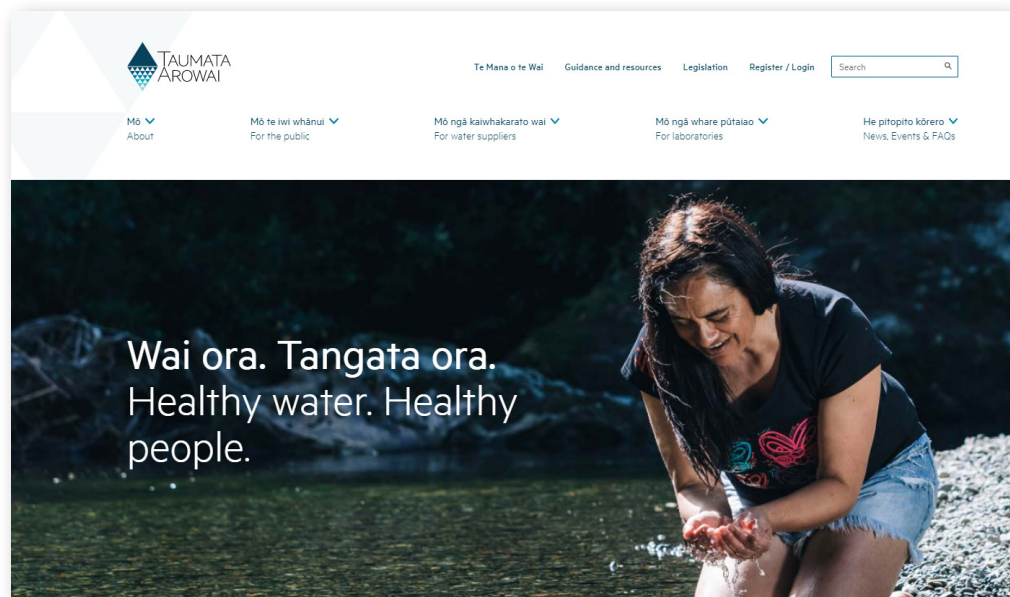
ID	Date Submitted	Supply	Source System	Report Author	Submitted By	Message	Status Reason
ROS-00001100	08/03/2023 12:12	PIV03			Vignesh Makkada		Processing
ROS-00001099	08/03/2023 11:56	PIV03	API	Mark Homenuke	Vignesh Makkada		Submitted Successfully
ROS-00001098	08/03/2023 11:08	PIV03	API	Mark Homenuke	Vignesh Makkada		Submitted Successfully
ROS-00001092	08/03/2023 09:30	PIV03	API	Mark Homenuke	Vignesh Makkada		Submitted Successfully
ROS-00001091	08/03/2023 09:19	PIV03	API	Mark Homenuke	Vignesh Makkada		Submitted



[Icons: HH, 36, user avatars]

Windows taskbar: Type here to search, 21°C Mostly cloudy, 12:13 pm 08/03/2023, Vignesh Makkada

For more information



- Visit www.taumataarowai.govt.nz/for-water-suppliers/monitoring-water-quality/



When do you need to report?

Rule module	What is due?	Begin reporting from...
Level 3 modules (serving >500 people)	Monthly reports	1 March 2023 (covers monitoring data of registered drinking water supplies from 1 January 2023)
Level 2 modules (serving 101 - 500 people)	Quarterly reports	1 April 2023 (within 20 working days)
Level 1 modules (serving 26 - 100	6-monthly reports	1 July 2023 (within 20 working days)





What's Next?



Provide further guidance and clarification.



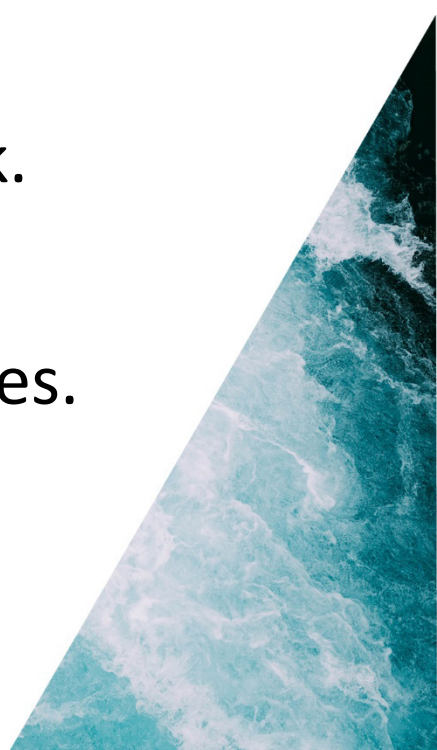
Follow up on missing and non-compliant reports.



Determine how we report on compliance, safety and risk.



Refinement to the Drinking Water Quality Assurance Rules.





Pātai | Questions?