



Torres Strait Island
REGIONAL COUNCIL

Engineering Services

DRINKING WATER QUALITY MANAGEMENT PLAN

ANNUAL REPORT FY2122

Torres Strait Island Regional Council
Service Provider SP500

This report has been prepared in accordance with the Drinking Water Quality Management Plan Report Guidance Note.

Document and Related Information Controller:

Author	Reviewer	Revision	Date
Joshua Dilmetz	Terrence Jeppesen	1	25/11/2022

Engineer Water & Wastewater: Joshua Dilmetz
Phone: 0474 926 824
Email: joshua.dilmetz@tsirc.qld.gov.au

Manager Water & Wastewater: Terrence Jeppesen
Phone: 0436 923 990
Email: terrence.jeppesen@tsirc.qld.gov.au

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1 Introduction

This is the Drinking Water Quality Management Plan (DWQMP) Annual Report for Torres Strait Island Regional Council (TSIRC) for the financial year 2021-2022.

TSIRC is a registered service provider, identification (SPID) number 500, serving 4,083 people across 15 communities on 14 islands in the Torres Strait. Implementation of the approved DWQMP ensures safe drinking water to protect public health. An overview of the water services provided by TSIRC are listed below:

Description	Metric
Population Served	4,083 people
No. of Raw Water Storage Facilities	12 lagoons
No. of Treated Water Storage Facilities	19 Reservoirs
Length of Delivery Mains	105km

This report summarises compliance with the approved plan over the financial year and includes:

- Activities undertaken during the year in operating the drinking water schemes
- Drinking water quality results for the year
- Summary of events that affected water quality during the year
- DWQMP review findings

This report is submitted to the Queensland Water Supply Regulator (Department of Regional Development, Manufacturing and Water - DRDMW) and is made available to the public through our website or for inspection upon request at council office.

2 Summary of Schemes Operated

The table below summarises the drinking water schemes operated by TSIRC.

Scheme Name	Population Served	Connections	Raw Water Source	Pre Treatment Process	Primary Treatment Process
01 - Boigu	199	82	3 x Desalination Units Lagoon (rainfall)	Clarifier Media Filtration RO Desalination	Media Filtration Chlorine Disinfection
02 - Dauan	131	58	4 x Wells Lagoon (rainfall)	-	Media Filtration Chlorine Disinfection
03 - Saibai	340	104	Lagoon (rainfall)	-	Media Filtration Bag Filtration Chlorine Disinfection
04 - Mabuia	253	60	Lagoon (rainfall)	-	Media Filtration Chlorine Disinfection
05 - Badu	704	247	3 x Wells (Ground water)	Coagulation (Alum) pH adjustment	Ultra Filtration Chlorine Disinfection
06 - Kubin	151	84	1 x Well 1 x Weir Lagoon (rainfall)	-	Media Filtration Chlorine Disinfection
07 - St Pauls	242	118	3 x Well 1 x Weir	-	Media Filtration Chlorine Disinfection
08 - Hammond	253	100	1 x Well Torres Shire Council (TSC) Water Supply	Ultra-Filtration by TSC	Media Filtration Bag Filtration Chlorine Disinfection
09 - Iama	275	82	2 x Desalination Units	Settling Tank Media Filtration RO Desalination	Chlorine Disinfection
10 - Warraber	287	81	Lagoon (rainfall) 2 x Desalination Unit	-	Media Filtration Chlorine Disinfection
11 - Poruma	164	77	2 x Desalination Unit Lagoon (rainfall)	Settling Tank Media Filtration RO Desalination	Media Filtration Chlorine Disinfection

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12 - Masig	283	106	2 x Desalination Unit Lagoon (rainfall)	Settling Tank Media Filtration RO Desalination	-
13 - Ugar	69	34	2 x Bores Lagoon (rainfall)	-	Media Filtration Chlorine Disinfection
14 - Erub	326	106	1 x Well Lagoon (rainfall)	-	Ultra Filtration Chlorine Disinfection
15 - Mer	406	111	3 x Desalination Unit Lagoon (rainfall)	Settling Tank Media Filtration RO Desalination	Media Filtration Bag filtration Chlorine Disinfection

3 Implementation of Drinking Water Quality Management Plan

The DWQMP was rewritten for the 2021-2022 reporting period. The DWQMP has been reshaped to reflect TSIRC's water management strategy more accurately as it incorporates TSIRC's shift away from paper-based reporting and towards data collection and sharing through SCADA, SWIMS and Smartsheets. The DWQMP Risk Management Improvement Plan (RMIP) has also been reviewed and improved.

TSIRC's latest version of the DWQMP Version No: 3.1 was conditionally approved on the 15/08/2022.

3.1 Risk Management Improvement Plan

The TSIRC's DWQMP Appendix K includes a Risk Management Improvement Plan (RMIP) which captures actions for improving the management of risks identified within the DWQMP. A copy of the current RMIP is included in Appendix A.

3.2 Water Operator Training

TSIRC did not put any of its Water Officers through Cert II or Cert III training between July 2021 - June 2022. The lack of training undertaken can be partially attributed to difficulties posed by the Covid-19 pandemic.

In late 2021, TSIRC conducted a water symposium on Poruma where training was provided to the water operations team in conjunction with the Tropical Public Health Service. This symposium covered topics such as: leak detection, water chemistry, computer skills, water test equipment use and calibration and desalination.

In May 2022, TSIRC in conjunction with representatives from the Tropical Public Health Service and the Water Industry Operators Association of Australia commenced an operator skills mapping process to create an online platform to provide targeted and tailored Cert III training to key staff across the organisation.

TSIRC's eLearning (online) platform is available and has been utilised for in-house training programs and includes specific training on the DWQMP. During 2021-2022 financial year training for the drinking water quality management plan was completed by multiple staff from across the business including engineering services, environmental and health services, and the executive office.

Since the role out of the eLearning platform in 2018 additional modules have been included focusing on training in the key aspects of maintenance for filtration, disinfection monitoring, sampling and calibration, water treatment log sheet completion and details on the importance of safe water.

3.3 Projects to Improve Water Quality

In addition to items in the RMIP, the following capital projects have been undertaken in 2021-22 demonstrating TSIRC's commitment to improving water quality:

Table 1: Water quality improvement projects

Division	Project	Project Dates
02 - Dauan	WTP Upgrade - Increase media filter size to optimise treatment flow rate - Replace media to optimise filtration capacity - Install bag filters Construct New Rising Main - Redirect Well 1, 2 & 3 to lagoon, have 1 treatment location (WTP)	Construction phase
04 - Mabuiag	WTP Upgrade - Increase media filter size to optimise treatment flow rate - Replace media to optimise filtration capacity - Install bag filters	Construction phase
06 - Kubin	WTP Upgrade - Increase media filter size to optimise treatment flow rate - Replace media to optimise filtration capacity - Install bag filters	Construction phase
07 - St Pauls	WTP Upgrade - Increase media filter size to optimise treatment flow rate - Replace media to optimise filtration capacity - Install bag filters	Construction phase

4 Operational and Verification Monitoring

TSIRC's DWQMP Appendix B - Water Quality Management describes the operational and verification monitoring parameters which are applicable to the various sample points across each water scheme:

- Daily testing: free chlorine, turbidity, conductivity and pH
- Monthly testing: e. coli
- 6 Monthly testing: metals, nutrients, anions and physical properties

The results from water sample test matrix in Appendix B of the DWQMP are summarised in Appendix B, C, and D.

5 Incidents and Complaints

All incidents and complaints are managed in accordance with TSIRC's DWQMP Appendix G – Incidents and Complaints Management Plan. All known incidents and for this reporting period are summarised in Appendix E.

In the 2020-21 year only two formal complaints were received by TSIRC Management the lack of complaints is likely due to a lack of understanding and training in the area for water officers and other council staff.

Water Officers are prompted to notify management of complaints via email so they can be resolved and noted in the Incidents and Complaints Register.

5.1 Alleged Illness

Alleged illness complaints are received from customers who believe their water supply is the cause of an illness. In these cases, recent laboratory samples are reviewed to supply information to the customer to reassure the water supply is meeting the Australian Drinking Water guidelines for health-related parameters.

5.2 Colour Complaints

Discoloured water can predominantly be attributed to emergency works being conducted on the water mains in the area. A change in flow direction can cause sediment to be disturbed in the pipe and push this into legs of water meters at resident's properties. While Water and Wastewater team endeavours to plan works where possible and deliver letters to residents explaining works, duration of time without water and potential effects such as dirty/milky water after the water is returned to service, emergencies still occur that require urgent attention and cannot be planned.

Water and Wastewater staff advise residents to run external taps to flush any dirty water trapped in their connection and if the water is still discoloured, Water and Wastewater staff return to the area and flush the delivery mains again.

5.3 Taste and Odour Complaints

The taste and odour complaints received are often related to chlorine in the network. Individual customers have very different tolerance levels and while as low as possible, this can be detected by customers with very sensitive taste and smell.

Chlorine can also react with organics in the pipe network, be affected by periods of low flow and temperature in the pipe network.

Water and Wastewater staff investigate all chlorine complaints and if recent results are not available for that area from daily testing, officers will attend the location and take a chlorine reading using a handheld chlorine meter.

6 DWQMP Audit Findings

An external audit of TSIRC's DWQMP was completed in September 2022 outside of this reporting period. For completeness the findings from this external audit are included in Appendix F.

Appendix A - RMIP

Appendix B - Water Quality - SWIMS

Appendix C - Water Quality - Cairns Laboratories

Appendix D - Water Quality - E coli

Appendix E - Incidents and Complaints Register

Appendix F - DWQMP Audit Findings

K.6 RMIP

RMIP Items

ID	Description	Impact	Status / Expected Completion Date
WS-01	Automated water parameter logging and/or 7-day testing of water parameters by water officer	98	Unknown
WS-02	Install ultra filtration or UV for water scheme	54	Unknown
WS-03	Provide handstand or automated fire suppression system	29	Unknown
WS-04	Install escalated alarming system	43	Funding Available - Project Completion Date Mid 2022
WS-05	Install automated backwash system	15	Unknown
WS-06	Provide E.coli testing station on island	29	Unknown
WS-07	Increase testing frequency for crypto and giardia	14	Unknown
WS-08	Ensure all pipework is buried or SS316	15	Unknown
WS-09	Provide permanent desalination unit on island	35	Unknown
WS-10	Ensure spare booster pump set is available on island for emergency installation	1	Unknown
WS-11	GeoSCADA (Individual logins regulated by active directory)	3	Funding Available - Project Completion Date Mid 2022
WS-12	DNP3 (Secures radio transmissions)	1	Unknown
WS-13	Upgrade supply and return line to Badu reservoir (remove push / pull water system)	4	Funding Requested - Awaiting Response from Funding Body
WS-14	Upgrade reservoir to increase useable lifespan	1	Unknown
WS-15	Develop proceduralised stocklist and ordering methodology	1	Unknown
WS-16	Develop proceduralised preventative maintenance plan	1	Unknown
WS-17	Ensure water supply scheme reservoirs are adequately sized	5	Unknown
WS-18	Develop ownership agreement with TSC for 08 - Hammond Water Supply Scheme	1	End of 2022

Extreme Risks

ID #	Location	Hazardous Event	Hazard	Scheme	Preventative Measures	RMIP
0.08	System	Abuse/corruption/ransomware/malware of cyber information	Data loss Lack of ability to supply drinking water Existential threat to operations	All	Virusprotection Firewall	-
0.13	System	Climate Change		All	Nil	-

High Risks

ID #	Location	Hazardous Event	Hazard	Scheme	Preventative Measures	RMIP
0.04	System	Lack of skilled employees	Damage to plant Poor operation Incidents	All	DWQMP Appendix I – Training Management Plan SCADA monitoring and automated chlorine dosing Automation of plants to ensure continuous operation without operator input	-
0.07	System	Interference/disruption of SCADA - unauthorised access	Lack of maintenance Loss of monitoring ability and alarming Data loss Poor plant performance Incidents	All	Daily monitoring of SCADA system Physical presence at WTP and STP on week days Firewall / Penetration Testing Teamviewer	WS-12
0.09	System	Lack of physical security over online assets	Damage to or loss of online assets	All	Physical presence at WTP and STP on weekdays Minor physical security barriers such as fences to key assets Reporting of suspected incidents	-
0.10	System	Lack of access control and identity management	Loss of monitoring ability and alarming Data loss Loss of monitoring ability and alarming	All	-	WS-11
0.12	System	Lack of ability to detect if a cyber security event has occurred	Data loss Poor plant performance Incidents E.coli	All	Virusprotection, firewall, IT team managed	-
0.15	System	False Positive		All	Multiple Island based E.coli test stations	WS-06

K.6 RMIP

	Environmental Hazards (Cyclone, Stormsurge)	Damage to assets, inability to operate	All	TSIRC Disaster Management Plan	
0.17	System	Water contamination, temporary inability to operate water	All	Ongoing training and mentorship of water supply scheme operators	-
0.18	System	Water contamination, temporary inability to operate water	All	6 monthly testing for crypto and giardia	WS-02, WS-07
1.08	WTP	Crypto, Giardia	1 - Boigu	Fire breaks around lagoon and WTP	WS-03, WS-08
1.11	System	Damage to Assets	1 - Boigu	Buried pipework	-
1.15	Jetty	Loss of critical supplies	1 - Boigu	Wells are located on vacant land away from residential septic tanks	-
				Vermis proof lid to well locked gate and weir pump well.	
				Operators to monitor area around well and weir for any signs of contamination.	
2.01	Wells 1, 2, 3, 4	E.coli, Crypto, Giardia	2 - Dauan	Chlorinated water supply (automated)	WS-01
				Week day chlorine monitoring in the network at 5 set locations	
				Monthly E.coli testing of drinking water supply	
				6 monthly testing for crypto and giardia	
				Lagoon catchment is fenced	
				Cleaning of covers pre wet season and post wetseason (and as needed during year)	
				Lagoon is located on western coast, away from STP and residential infrastructure	
2.03	Lagoon	E.coli, Crypto, Giardia	2 - Dauan	Chlorinated water supply (automated)	WS-02
				Week day chlorine monitoring in the network at 5 set locations	
				Monthly E.coli testing of drinking water supply	
2.09	WTP	Crypto, Giardia	2 - Dauan	6 monthly testing for crypto and giardia	WS-02, WS-07
				6 monthly testing for crypto and giardia	
				Operators to monitor area around lagoon for any signs of contamination.	
3.01	Lagoon Catchment	E.coli, Crypto, Giardia	3 - Saibai	Chlorinated water supply (automated)	WS-01
				Week day chlorine monitoring in the network at 5 set locations	
				Monthly E.coli testing of drinking water supply	
				6 monthly testing for crypto and giardia	
				Lagoon catchment is fenced	
3.03	Emergency Lagoons (Mud)	E.coli, Crypto, Giardia	3 - Saibai	Monthly E.coli testing of drinking water supply	WS-02
				6 monthly testing for crypto and giardia	
				Chlorinated water supply (automated)	
4.01	Weir - Catchment	E.coli, Crypto, Giardia	4 - Mabuiaq	Monthly E.coli testing of drinking water supply	WS-01
				6 monthly testing for crypto and giardia	
				Lagoon catchment is fenced	
				Cleaning of covers pre wet season and post wetseason (and as needed during year)	
4.03	Lagoon	E.coli, Crypto, Giardia	4 - Mabuiaq	Chlorinated water supply (automated)	WS-02
				Week day chlorine monitoring in the network at 5 set locations	
				Monthly E.coli testing of drinking water supply	
4.09	WTP	Crypto, Giardia	4 - Mabuiaq	6 monthly testing for crypto and giardia	WS-02, WS-07
				6 monthly testing for crypto and giardia	
				Monthly E.coli testing of drinking water supply	
5.07	WTP	E.coli	5 - Badu	Chlorinated water supply (automated)	WS-01, WS-06, WS-13
				6 monthly testing for crypto and giardia	
5.08	WTP	Crypto, Giardia	5 - Badu	6 monthly testing for crypto and giardia	WS-02, WS-07, WS-13
				Fire breaks around wells and WTP	
5.10	System	Damage to Assets	5 - Badu	Buried pipework	WS-03, WS-08

K.6 RMIP

5.11	System	Loss of Critical Water Supply	Reservoir empty	5 - Badu	Nil	Operators to monitor area around well and wier for any signs of contamination. Chlorinated water supply (automated) Week day chlorine monitoring in the network at 5 set locations Monthly E.coli testing of drinking water supply 6 monthly testing for crypto and giardia Lagoon catchment is fenced	WS-09
6.01	Twin Springs Well & Weir	Unsafe Water supply	E.coli, Crypto, Giadia	6 - Kubin	Chlorinated water supply (automated) Week day chlorine monitoring in the network at 5 set locations Monthly E.coli testing of drinking water supply 6 monthly testing for crypto and giardia Lagoon catchment is fenced	WS-01	
6.03	Lagoon	Unsafe Water supply	E.coli, Crypto, Giadia	6 - Kubin	Chlorinated water supply (automated) Week day chlorine monitoring in the network at 5 set locations Monthly E.coli testing of drinking water supply 6 monthly testing for crypto and giardia Lagoon catchment is fenced	WS-02	
6.09	WTP	Ineffective Treatment	Crypto, Giadia	6 - Kubin	Vermin proof lid to well Locked gate and weir pump well. Operators to monitor area around well and wier for any signs of contamination.	WS-02, WS-07	
7.01	Weir, Well 1, Well 4	Unsafe Water supply	E.coli, Crypto, Giadia	7 - St Pauls	Chlorinated water supply (automated) Week day chlorine monitoring in the network at 5 set locations Monthly E.coli testing of drinking water supply 6 monthly testing for crypto and giardia Lagoon catchment is fenced	WS-01	
7.03	Lagoon	Unsafe Water supply	E.coli, Crypto, Giadia	7 - St Pauls	Chlorinated water supply (automated) Week day chlorine monitoring in the network at 5 set locations Monthly E.coli testing of drinking water supply 6 monthly testing for crypto and giardia Lagoon catchment is fenced	WS-02	
7.09	WTP	Ineffective Treatment	Crypto, Giadia	7 - St Pauls	6 monthly testing for crypto and giardia	WS-02, WS-07	
8.08	WTP	Ineffective Treatment	Crypto, Giadia	8 - Hammond	6 monthly testing for crypto and giardia	WS-02, WS-07	
8.10	System	Bushfire	Damage to Assets	8 - Hammond	Fire breaks around lagoon and WTP	WS-03, WS-08	
9.08	WTP	Ineffective Treatment	Crypto, Giadia	9 - Iama	Burried pipework 6 monthly testing for crypto and giardia	WS-02, WS-07	
9.11	System	Bushfire	Damage to Assets	9 - Iama	Fire breaks around lagoon and WTP	WS-03, WS-08	
9.12	System	Loss of Critical Water Supply	Reservoir empty	9 - Iama	Burried pipework Multiple permanent desalination units installed on island	WS-09	
10.08	WTP	Ineffective Treatment	Crypto, Giadia	10 - Warraber	6 monthly testing for crypto and giardia Fire breaks around lagoon and WTP	WS-02, WS-07	
10.11	System	Bushfire	Damage to Assets	10 - Warraber	Fire breaks around lagoon and WTP	WS-03, WS-08	
10.14	Sea Wall	Salt Water Inundation	Contamination of storage supply	10 - Warraber	Burried pipework	-	
11.08	WTP	Ineffective Treatment	Crypto, Giadia	11 - Poruma	6 monthly testing for crypto and giardia Fire breaks around lagoon and WTP	WS-02, WS-07	
11.11	System	Bushfire	Damage to Assets	11 - Poruma	Fire breaks around lagoon and WTP	WS-03, WS-08	
11.14	Sea Wall	Salt Water Inundation	Contamination of storage supply	11 - Poruma	Burried pipework	-	
12.08	WTP	Ineffective Treatment	Crypto, Giadia	12 - Masig	Nil 6 monthly testing for crypto and giardia Fire breaks around lagoon and WTP	WS-02, WS-07	
12.11	System	Bushfire	Damage to Assets	12 - Masig	Fire breaks around lagoon and WTP	WS-03, WS-08	
12.14	Sea Wall	Salt Water Inundation	Contamination of storage supply	12 - Masig	Burried pipework	-	
13.08	WTP	Ineffective Treatment	Crypto, Giadia	13 - Ugar	6 monthly testing for crypto and giardia	WS-02, WS-07	

K.6 RMIP

13.11	System	Bushfire	Damage to Assets	13 - Ugar	Fire breaks around lagoon and WTP	WS-03, WS-08
13.15	Jetty	Jetty Collapse	Loss of critical supplies	13 - Ugar	Buried pipework	-
14.07	WTP	Ineffective Treatment	E.coli	14 - Erub	Monthly E.coli testing of drinking water supply	WS-01, WS-06, WS-13
14.08	WTP	Ineffective Treatment	Crypto, Giardia	14 - Erub	Chlorinated water supply (automated) 6 monthly testing for crypto and giardia	WS-02, WS-07, WS-13
14.10	System	Bushfire	Damage to Assets	14 - Erub	Fire breaks around wells and WTP	WS-03, WS-08
14.11	System	Loss of Critical Water Supply	Reservoir empty	14 - Erub	Buried pipework	WS-09
14.14	Reservoir	WTP Critical Failure	Failure of Reservoir	14 - Erub	Nil	WS-14
15.08	WTP	Ineffective Treatment	Crypto, Giardia	15 - Mer	6 monthly testing for crypto and giardia	WS-02, WS-07
15.11	System	Bushfire	Damage to Assets	15 - Mer	Fire breaks around lagoon and WTP	WS-03, WS-08
					Buried pipework	

Scheme	Sample Location	Parameter Name	Units	Average	Number of Samples
01 - Boigu	Sample Point 1 - Church	Free Chlorine	mg/L	0.61	195
		Turbidity	NTU	0.22	195
	Sample Point 2 - School	Free Chlorine	mg/L	0.66	194
		Turbidity	NTU	0.56	194
	Sample Point 3 - Airport	Free Chlorine	mg/L	0.51	193
		Turbidity	NTU	0.21	194
	Sample Point 4 - STP	Free Chlorine	mg/L	0.48	192
		Turbidity	NTU	0.16	192
	Sample Point 5 - Health Centre	Free Chlorine	mg/L	0.70	194
		Turbidity	NTU	0.15	194
	Sample Point 6 - Reservoir Analyser	Conductivity	mg/L	386.65	192
		Free Chlorine	mg/L	0.82	193
pH		#	8.08	190	
Turbidity		NTU	0.05	193	
Conductivity		mg/L	347.21	81	
pH		#	7.70	79	
Turbidity		NTU	0.20	81	
Free Chlorine		mg/L	0.28	225	
Turbidity		NTU	1.44	224	
Free Chlorine		mg/L	0.71	226	
Sample Point 7 - Raw Water (Covered Storage Lagoon)	Turbidity	NTU	1.31	224	
	Free Chlorine	mg/L	0.78	225	
	Turbidity	NTU	1.32	224	
	Free Chlorine	mg/L	0.82	226	
	Turbidity	NTU	1.32	223	
	Free Chlorine	mg/L	0.73	225	
	Turbidity	NTU	1.43	223	
	Conductivity	mg/L	127.52	224	
	Free Chlorine	mg/L	0.75	222	
	pH	#	6.11	222	
Sample Point 8 - Eastern Side Reservoir	Turbidity	NTU	1.65	219	
	Conductivity	mg/L	74.79	221	
	pH	#	6.24	159	
	Turbidity	NTU	1.64	215	
	Conductivity	mg/L	0.00	217	
	Free Chlorine	mg/L	0.00	217	
	pH	#	0.00	217	
	Turbidity	NTU	0.00	217	
	Conductivity	mg/L	0.45	217	
	pH	#	7.19	1	
Sample Point 9 - Eastern Side Raw Water (Pre Filter)	Turbidity	NTU	0.00	217	
	Free Chlorine	mg/L	1.16	118	
	Turbidity	NTU	0.70	94	
	Free Chlorine	mg/L	1.06	121	
	Turbidity	NTU	0.41	94	
	Free Chlorine	mg/L	1.04	117	
	Turbidity	NTU	0.44	89	
	Free Chlorine	mg/L	0.81	113	
	Turbidity	NTU	0.85	89	
	Free Chlorine	mg/L	0.73	120	
Sample Point 1 - Water Treatment Pitt	Turbidity	NTU	0.95	92	
	Conductivity	mg/L	213.35	112	
	Free Chlorine	mg/L	1.20	125	
	pH	#	6.63	115	
	Turbidity	NTU	0.56	96	
	Conductivity	mg/L	193.53	110	
	pH	#	6.58	112	
	Turbidity	NTU	0.88	89	
	Sample Point 5 - Singal House Airport Road	Free Chlorine	mg/L	0.73	120
		Turbidity	NTU	0.95	92
Conductivity		mg/L	213.35	112	
Free Chlorine		mg/L	1.20	125	
pH		#	6.63	115	
Turbidity		NTU	0.56	96	
Conductivity		mg/L	193.53	110	
pH		#	6.58	112	
Turbidity		NTU	0.88	89	
Sample Point 6 - Reservoir Analyser		Free Chlorine	mg/L	0.73	120
	Turbidity	NTU	0.95	92	
	Conductivity	mg/L	213.35	112	
	Free Chlorine	mg/L	1.20	125	
	pH	#	6.63	115	
	Turbidity	NTU	0.56	96	
	Conductivity	mg/L	193.53	110	
	pH	#	6.58	112	
	Turbidity	NTU	0.88	89	
	Sample Point 7 - Raw Water (Pre Filter)	Free Chlorine	mg/L	0.73	120
Turbidity		NTU	0.95	92	
Conductivity		mg/L	213.35	112	
Free Chlorine		mg/L	1.20	125	
pH		#	6.63	115	
Turbidity		NTU	0.56	96	
Conductivity		mg/L	193.53	110	
pH		#	6.58	112	
Turbidity		NTU	0.88	89	

Sample Point 1 - Airport Camp	Free Chlorine	mg/L	0.77	222
	Turbidity	NTU	1.03	212
Sample Point 2 - Council Office	Free Chlorine	mg/L	1.08	217
	Turbidity	NTU	0.78	211
Sample Point 3 - IBIS Store	Free Chlorine	mg/L	1.12	219
	Turbidity	NTU	0.79	213
Sample Point 4 - Medical Centre	Free Chlorine	mg/L	1.12	218
	Turbidity	NTU	0.83	213

04 - Mabuiaig	Sample Point 5 - School Duplex	Free Chlorine Turbidity	mg/L NTU	0.92 0.78	218 213
	Sample Point 6 - Reservoir Analyser	Conductivity	mg/L	90.41	209
		Free Chlorine pH	mg/L #	1.27 6.25	216 208
	Sample Point 7 - Raw Water (Pre Filter)	Turbidity	NTU	0.76	212
		Conductivity	mg/L	72.05	208
	Sample Point 8 - Raw Water (Well 1)	pH	#	6.16	206
		Turbidity	NTU	1.00	215
	Sample Point 1 - School	Conductivity	mg/L	137.34	116
		pH	#	6.30	115
	Sample Point 2 - Police Station	Turbidity	NTU	2.21	163
Free Chlorine		mg/L	0.87	312	
Sample Point 3 - Motel	Turbidity	NTU	0.43	312	
	Free Chlorine	mg/L	0.78	308	
Sample Point 4 - Dogai	Turbidity	NTU	0.48	308	
	Free Chlorine	mg/L	1.06	313	
Sample Point 5 - Airport	Turbidity	NTU	0.69	313	
	Free Chlorine	mg/L	0.27	308	
Sample Point 6 - Reservoir Analyser	Turbidity	NTU	0.53	310	
	Free Chlorine	mg/L	0.42	310	
Sample Point 7 - Clear Water Tank	Turbidity	NTU	0.52	310	
	Conductivity	mg/L	105.60	315	
Sample Point 8 - Raw Water (Raw Water Tank)	Free Chlorine	mg/L	0.33	316	
	pH	#	7.36	305	
Sample Point 9 - Well 1	Turbidity	NTU	0.52	314	
	Conductivity	mg/L	99.12	238	
Sample Point 10 - Well 2	pH	#	7.06	235	
	Turbidity	NTU	4.22	235	
Sample Point 11 - Well 3	Free Chlorine	mg/L	0.94	168	
	pH	#	7.19	93	
Sample Point 1 - IBIS	Free Chlorine	mg/L	6.21	276	
	Turbidity	NTU	6.21	277	
Sample Point 2 - School Sink	Free Chlorine	mg/L	0.85	168	
	Turbidity	NTU	0.87	168	
Sample Point 3 - Airport	Free Chlorine	mg/L	1.02	167	
	Turbidity	NTU	0.87	168	
Sample Point 4 - Tomsanas	Free Chlorine	mg/L	1.44	168	
	Turbidity	NTU	1.25	169	
Sample Point 6 - Reservoir Analyser	Free Chlorine	mg/L	0.92	165	
	Turbidity	NTU	0.87	165	
Sample Point 7 - Raw Water (Pre Filter)	Conductivity	mg/L	0.88	41	
	Free Chlorine	mg/L	1.00	155	
Sample Point 1 - S. Rosen	pH	#	6.50	78	
	Turbidity	NTU	0.87	165	
Sample Point 2 - Gospel Church	Conductivity	mg/L	9.25	43	
	pH	#	6.47	79	
Sample Point 3 - H. Mene	Turbidity	NTU	1.82	160	
	Free Chlorine	mg/L	0.92	208	
Sample Point 4 - School	Turbidity	NTU	0.24	209	
	Free Chlorine	mg/L	0.71	208	
Sample Point 5 - Community Dalira	Turbidity	NTU	0.26	208	
	Free Chlorine	mg/L	0.89	207	
Sample Point 6 - St Pauls	Turbidity	NTU	0.31	207	
	Free Chlorine	mg/L	0.86	207	
Sample Point 7 - St Pauls	Turbidity	NTU	0.32	206	
	Free Chlorine	mg/L	0.82	207	

Sample Point	Parameter	Value	Unit	NTU	Value	Unit
08 - Hammond	Sample Point 6 - Reservoir Analyser	Turbidity	0.29	NTU	0.29	207
		Conductivity	81.28	mg/L	81.28	199
	Sample Point 7 - Raw Water (Pre Filter)	Free Chlorine	1.19	mg/L	1.19	193
		pH	6.51	#	6.51	198
	Sample Point 1 - Compound	Turbidity	0.50	NTU	0.50	200
		Conductivity	55.12	mg/L	55.12	188
	Sample Point 2 - Sub Division	pH	6.35	#	6.35	188
		Turbidity	0.79	NTU	0.79	188
	Sample Point 3 - Bindjudas	Free Chlorine	1.57	mg/L	1.57	223
		Turbidity	1.63	NTU	1.63	225
	Sample Point 4 - Village	Free Chlorine	1.50	mg/L	1.50	227
		Turbidity	1.32	NTU	1.32	227
Sample Point 5 - Beckleys	Free Chlorine	1.43	mg/L	1.43	224	
	Turbidity	1.37	NTU	1.37	227	
Sample Point 6 - Reservoir Analyser	Free Chlorine	1.56	mg/L	1.56	224	
	Turbidity	1.47	NTU	1.47	227	
Sample Point 7 - Raw Water (Pre Filter)	Free Chlorine	1.19	mg/L	1.19	226	
	Turbidity	1.27	NTU	1.27	227	
Sample Point 1 - Medical Centre	Free Chlorine	1.42	mg/L	1.42	227	
	Turbidity	1.28	NTU	1.28	227	
Sample Point 2 - School	Conductivity	91.81	mg/L	91.81	226	
	Free Chlorine	1.32	mg/L	1.32	228	
Sample Point 3 - David Roley	pH	6.71	#	6.71	222	
	Turbidity	1.01	NTU	1.01	226	
Sample Point 4 - Council	Free Chlorine	0.71	mg/L	0.71	151	
	Turbidity	0.20	NTU	0.20	151	
Sample Point 5 - Ben	Free Chlorine	0.65	mg/L	0.65	150	
	Turbidity	0.23	NTU	0.23	148	
Sample Point 6 - Reservoir Analyser	Free Chlorine	0.49	mg/L	0.49	141	
	Turbidity	0.28	NTU	0.28	140	
Sample Point 7 - Raw Water (Permeate Tank)	Free Chlorine	0.52	mg/L	0.52	151	
	Turbidity	0.22	NTU	0.22	150	
Sample Point 1 - Reservoir	Free Chlorine	0.46	mg/L	0.46	146	
	Turbidity	0.30	NTU	0.30	145	
Sample Point 2 - Jensen P	Conductivity	561.04	mg/L	561.04	82	
	Free Chlorine	0.65	mg/L	0.65	90	
Sample Point 3 - William P	pH	7.42	#	7.42	62	
	Turbidity	1.32	NTU	1.32	87	
Sample Point 4 - School	Conductivity	742.30	mg/L	742.30	83	
	pH	7.16	#	7.16	76	
Sample Point 5 - Wharf	Turbidity	0.29	NTU	0.29	80	
	Free Chlorine	1.33	mg/L	1.33	188	
Sample Point 6 - Reservoir Analyser	Turbidity	0.63	NTU	0.63	188	
	Free Chlorine	1.29	mg/L	1.29	187	
Sample Point 7 - Raw Water (Covered Storage Lagoon)	Turbidity	0.45	NTU	0.45	188	
	Free Chlorine	1.21	mg/L	1.21	188	
Sample Point 1 - Reservoir	Turbidity	0.42	NTU	0.42	188	
	Free Chlorine	1.26	mg/L	1.26	188	
Sample Point 2 - Jensen P	Turbidity	0.70	NTU	0.70	188	
	Free Chlorine	1.55	mg/L	1.55	103	
Sample Point 3 - William P	Turbidity	0.47	NTU	0.47	104	
	Conductivity	468.65	mg/L	468.65	185	
Sample Point 4 - School	Free Chlorine	1.42	mg/L	1.42	186	
	pH	6.98	#	6.98	183	
Sample Point 5 - Wharf	Turbidity	0.47	NTU	0.47	185	
	Conductivity	446.63	mg/L	446.63	177	
Sample Point 6 - Reservoir Analyser	pH	6.76	#	6.76	174	
	Turbidity	0.59	NTU	0.59	175	
Sample Point 7 - Raw Water (Covered Storage Lagoon)	Free Chlorine	0.78	mg/L	0.78	158	
	Free Chlorine	0.78	mg/L	0.78	158	

Sample Point 1 - Dunera

Sample Point	Parameter	Value	Unit	Standard
11 - Poruma	Sample Point 2 - Health Centre	Turbidity	NTU	0.13
		Free Chlorine	mg/L	0.81
		Turbidity	NTU	0.12
	Sample Point 3 - Dick Billys House	Free Chlorine	mg/L	0.84
		Turbidity	NTU	0.13
	Sample Point 4 - School	Free Chlorine	mg/L	0.77
		Turbidity	NTU	0.11
	Sample Point 5 - Tourist Cabin	Free Chlorine	mg/L	0.71
		Turbidity	NTU	0.26
	Sample Point 6 - Reservoir Analyser	Conductivity	mg/L	358.48
		Free Chlorine	mg/L	1.17
		pH	#	5.67
		Turbidity	NTU	0.25
		Conductivity	mg/L	426.73
	Sample Point 7 - Raw Water (Covered Storage Lagoon)	pH	#	6.32
Turbidity		NTU	1.31	
Free Chlorine		mg/L	0.85	
Turbidity		NTU	0.52	
Free Chlorine		mg/L	0.79	
Sample Point 2 - Council Office	Turbidity	NTU	0.62	
	Free Chlorine	mg/L	0.93	
	Turbidity	NTU	0.57	
	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.54	
Sample Point 1 - School	Free Chlorine	mg/L	0.83	
	Turbidity	NTU	0.58	
	Conductivity	mg/L	222.04	
	Free Chlorine	mg/L	0.98	
	pH	#	7.00	
Sample Point 3 - Freezer	Turbidity	NTU	0.53	
	Conductivity	mg/L	237.99	
	pH	#	7.11	
	Turbidity	NTU	0.77	
	Free Chlorine	mg/L	0.59	
Sample Point 4 - Jack	Turbidity	NTU	0.61	
	Free Chlorine	mg/L	0.43	
	Turbidity	NTU	0.46	
	Free Chlorine	mg/L	0.42	
	Turbidity	NTU	0.61	
Sample Point 5 - Beatrice	Free Chlorine	mg/L	0.55	
	Turbidity	NTU	0.42	
	Free Chlorine	mg/L	0.52	
	Turbidity	NTU	0.66	
	Conductivity	mg/L	347.64	
Sample Point 6 - Reservoir Analyser	Free Chlorine	mg/L	0.75	
	pH	#	6.17	
	Turbidity	NTU	0.39	
	Conductivity	mg/L	361.20	
	pH	#	6.15	
Sample Point 7 - Raw Water (Covered Storage Lagoon)	Turbidity	NTU	0.49	
	Free Chlorine	mg/L	0.77	
	Turbidity	NTU	0.75	
	Free Chlorine	mg/L	0.71	
	Turbidity	NTU	0.90	
Sample Point 2 - Council Office	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.32	
	Free Chlorine	mg/L	0.49	
	Turbidity	NTU	0.90	
	Free Chlorine	mg/L	0.70	
Sample Point 3 - School	Turbidity	NTU	0.70	
	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.75	
	Free Chlorine	mg/L	0.71	
	Turbidity	NTU	0.90	
Sample Point 4 - Medical Centre	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.32	
	Free Chlorine	mg/L	0.49	
	Turbidity	NTU	0.90	
	Free Chlorine	mg/L	0.70	
Sample Point 1 - Bond House	Turbidity	NTU	0.75	
	Free Chlorine	mg/L	0.71	
	Turbidity	NTU	0.90	
	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.75	
Sample Point 2 - Council Office	Free Chlorine	mg/L	0.71	
	Turbidity	NTU	0.90	
	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.32	
	Free Chlorine	mg/L	0.49	
Sample Point 4 - Medical Centre	Turbidity	NTU	0.90	
	Free Chlorine	mg/L	0.70	
	Turbidity	NTU	0.70	
	Free Chlorine	mg/L	0.75	
	Turbidity	NTU	0.74	

Sample Point 1 - Ugar

Sample Point 5 - Pitt House

14 - Erub		COMPIEG UNIT 2 - FILL STATION					
14 - Erub	Sample Point 6 - Reservoir Analyser	Turbidity	NTU	1.25	172		
		Conductivity	mg/L	161.07	127		
		Free Chlorine	mg/L	0.64	125		
		pH	#	7.10	126		
		Turbidity	NTU	0.90	131		
		Conductivity	mg/L	126.99	131		
		pH	#	7.26	128		
		Turbidity	NTU	0.69	131		
		Conductivity	mg/L	130.94	127		
		pH	#	7.26	126		
		Turbidity	NTU	14.84	124		
		15 - Mer	Sample Point 1 - Desalination	Free Chlorine	mg/L	0.55	200
Turbidity	NTU			0.62	191		
Free Chlorine	mg/L			0.91	200		
Turbidity	NTU			0.52	192		
Free Chlorine	mg/L			0.79	199		
Turbidity	NTU			0.72	192		
Free Chlorine	mg/L			0.84	200		
Turbidity	NTU			0.63	193		
Free Chlorine	mg/L			0.75	199		
Turbidity	NTU			0.50	191		
Conductivity	mg/L			677.24	163		
15 - Mer	Sample Point 5 - Area 3 Annie Salee House			Free Chlorine	mg/L	1.16	172
		pH	#	6.76	160		
		Turbidity	NTU	0.36	162		
		Conductivity	mg/L	656.57	188		
		pH	#	6.75	185		
		Turbidity	NTU	0.48	188		
		15 - Mer	Sample Point 7 - Raw Water (Covered Storage Lagoon)	Turbidity	NTU	0.48	188

Scheme	Sample Location	Parameter Name	Units	Min	Average	Max	Number of Samples		
01 - Boigu	Sample Point 6 - Reservoir Analyser	Apparent Colour	Pt/Co	0.00	0.00	0.00	1		
		Calcium	mg/L	0.66	0.66	0.66	1		
		Chloride	mg/L	76.00	76.00	76.00	1		
		Fluoride	mg/L	0.02	0.02	0.02	1		
		Iron	mg/L	0.05	0.05	0.05	1		
		Magnesium	mg/L	0.85	0.85	0.85	1		
		Manganese	mg/L	0.00	0.00	0.00	1		
		pH	#	6.60	6.60	6.60	1		
		Potassium	mg/L	1.50	1.50	1.50	1		
		Silicon	mg/L	0.20	0.20	0.20	1		
		Sodium	mg/L	40.00	40.00	40.00	1		
		Specific Conductance	uS/cm	280.00	280.00	280.00	1		
		Sulphate	mg/L	2.10	2.10	2.10	1		
		Total Alkalinity	mg/L	3.70	3.70	3.70	1		
		Total Dissolved Salts	mg/L	120.00	120.00	120.00	1		
		Total Hardness	mg/L	5.10	5.10	5.10	1		
		Turbidity	NTU	0.10	0.10	0.10	1		
		Apparent Colour	Pt/Co	0.00	0.00	0.00	1		
		pH	#	5.80	5.80	5.80	1		
		Specific Conductance	uS/cm	260.00	260.00	260.00	1		
		Turbidity	NTU	0.30	0.30	0.30	1		
		02 - Dauan	Sample Point 7 - Raw Water (Covered Storage Lagoon)	Apparent Colour	Pt/Co	11.00	11.00	11.00	1
				Calcium	mg/L	1.30	1.30	1.30	1
Chloride	mg/L			24.00	24.00	24.00	1		
Fluoride	mg/L			0.05	0.05	0.05	1		
Iron	mg/L			0.15	0.15	0.15	1		
Magnesium	mg/L			1.00	1.00	1.00	1		
Manganese	mg/L			0.01	0.01	0.01	1		
pH	#			6.20	6.20	6.20	1		
Potassium	mg/L			0.85	0.85	0.85	1		
Silicon	mg/L			19.00	19.00	19.00	1		
Sodium	mg/L			17.00	17.00	17.00	1		
Specific Conductance	uS/cm			110.00	110.00	110.00	1		
Sulphate	mg/L			3.60	3.60	3.60	1		
Total Alkalinity	mg/L			5.30	5.30	5.30	1		
Total Dissolved Salts	mg/L			70.00	70.00	70.00	1		
Total Hardness	mg/L			7.40	7.40	7.40	1		
Turbidity	NTU			1.40	1.40	1.40	1		
Apparent Colour	Pt/Co			7.40	7.40	7.40	1		
pH	#			6.10	6.10	6.10	1		
Specific Conductance	uS/cm			96.00	96.00	96.00	1		
Turbidity	NTU			0.60	0.60	0.60	1		
Apparent Colour	Pt/Co			53.00	53.00	53.00	1		
pH	#			5.50	5.50	5.50	1		
Specific Conductance	uS/cm	270.00	270.00	270.00	1				
Turbidity	NTU	12.00	12.00	12.00	1				
Apparent Colour	Pt/Co	59.00	59.00	59.00	1				
pH	#	5.90	5.90	5.90	1				
Specific Conductance	uS/cm	200.00	200.00	200.00	1				
Turbidity	NTU	15.00	15.00	15.00	1				
Apparent Colour	Pt/Co	76.00	76.00	76.00	1				
pH	#	6.30	6.30	6.30	1				
Specific Conductance	uS/cm	120.00	120.00	120.00	1				
Turbidity	NTU	16.00	16.00	16.00	1				
Apparent Colour	Pt/Co	5.90	5.90	5.90	1				
Calcium	mg/L	1.10	1.10	1.10	1				
Chloride	mg/L	21.00	21.00	21.00	1				
Fluoride	mg/L	0.02	0.02	0.02	1				
Iron	mg/L	0.06	0.06	0.06	1				
Magnesium	mg/L	1.10	1.10	1.10	1				
Manganese	mg/L	0.00	0.00	0.00	1				
pH	#	6.10	6.10	6.10	1				
Potassium	mg/L	1.20	1.20	1.20	1				
Silicon	mg/L	6.80	6.80	6.80	1				
01 - Boigu	Sample Point 7 - Raw Water (Covered Storage Lagoon)	Apparent Colour	Pt/Co	11.00	11.00	11.00	1		
		Calcium	mg/L	1.30	1.30	1.30	1		
		Chloride	mg/L	24.00	24.00	24.00	1		
		Fluoride	mg/L	0.05	0.05	0.05	1		
		Iron	mg/L	0.15	0.15	0.15	1		
		Magnesium	mg/L	1.00	1.00	1.00	1		
		Manganese	mg/L	0.01	0.01	0.01	1		
		pH	#	6.20	6.20	6.20	1		
		Potassium	mg/L	0.85	0.85	0.85	1		
		Silicon	mg/L	19.00	19.00	19.00	1		
		Sodium	mg/L	17.00	17.00	17.00	1		
		Specific Conductance	uS/cm	110.00	110.00	110.00	1		
		Sulphate	mg/L	3.60	3.60	3.60	1		
		Total Alkalinity	mg/L	5.30	5.30	5.30	1		
		Total Dissolved Salts	mg/L	70.00	70.00	70.00	1		
		Total Hardness	mg/L	7.40	7.40	7.40	1		
		Turbidity	NTU	1.40	1.40	1.40	1		
		Apparent Colour	Pt/Co	7.40	7.40	7.40	1		
		pH	#	6.10	6.10	6.10	1		
		Specific Conductance	uS/cm	96.00	96.00	96.00	1		
		Turbidity	NTU	0.60	0.60	0.60	1		
		Apparent Colour	Pt/Co	53.00	53.00	53.00	1		
		pH	#	5.50	5.50	5.50	1		
Specific Conductance	uS/cm	270.00	270.00	270.00	1				
Turbidity	NTU	12.00	12.00	12.00	1				
Apparent Colour	Pt/Co	59.00	59.00	59.00	1				
pH	#	5.90	5.90	5.90	1				
Specific Conductance	uS/cm	200.00	200.00	200.00	1				
Turbidity	NTU	15.00	15.00	15.00	1				
Apparent Colour	Pt/Co	76.00	76.00	76.00	1				
pH	#	6.30	6.30	6.30	1				
Specific Conductance	uS/cm	120.00	120.00	120.00	1				
Turbidity	NTU	16.00	16.00	16.00	1				
Apparent Colour	Pt/Co	5.90	5.90	5.90	1				
Calcium	mg/L	1.10	1.10	1.10	1				
Chloride	mg/L	21.00	21.00	21.00	1				
Fluoride	mg/L	0.02	0.02	0.02	1				
Iron	mg/L	0.06	0.06	0.06	1				
Magnesium	mg/L	1.10	1.10	1.10	1				
Manganese	mg/L	0.00	0.00	0.00	1				
pH	#	6.10	6.10	6.10	1				
Potassium	mg/L	1.20	1.20	1.20	1				
Silicon	mg/L	6.80	6.80	6.80	1				
02 - Dauan	Sample Point 8 - Raw Water (Well 1)	Apparent Colour	Pt/Co	11.00	11.00	11.00	1		
		Calcium	mg/L	1.30	1.30	1.30	1		
		Chloride	mg/L	24.00	24.00	24.00	1		
		Fluoride	mg/L	0.05	0.05	0.05	1		
		Iron	mg/L	0.15	0.15	0.15	1		
		Magnesium	mg/L	1.00	1.00	1.00	1		
		Manganese	mg/L	0.01	0.01	0.01	1		
		pH	#	6.20	6.20	6.20	1		
		Potassium	mg/L	0.85	0.85	0.85	1		
		Silicon	mg/L	19.00	19.00	19.00	1		
		Sodium	mg/L	17.00	17.00	17.00	1		
		Specific Conductance	uS/cm	110.00	110.00	110.00	1		
		Sulphate	mg/L	3.60	3.60	3.60	1		
		Total Alkalinity	mg/L	5.30	5.30	5.30	1		
		Total Dissolved Salts	mg/L	70.00	70.00	70.00	1		
		Total Hardness	mg/L	7.40	7.40	7.40	1		
		Turbidity	NTU	1.40	1.40	1.40	1		
		Apparent Colour	Pt/Co	7.40	7.40	7.40	1		
		pH	#	6.10	6.10	6.10	1		
		Specific Conductance	uS/cm	96.00	96.00	96.00	1		
		Turbidity	NTU	0.60	0.60	0.60	1		
		Apparent Colour	Pt/Co	53.00	53.00	53.00	1		
		pH	#	5.50	5.50	5.50	1		
Specific Conductance	uS/cm	270.00	270.00	270.00	1				
Turbidity	NTU	12.00	12.00	12.00	1				
Apparent Colour	Pt/Co	59.00	59.00	59.00	1				
pH	#	5.90	5.90	5.90	1				
Specific Conductance	uS/cm	200.00	200.00	200.00	1				
Turbidity	NTU	15.00	15.00	15.00	1				
Apparent Colour	Pt/Co	76.00	76.00	76.00	1				
pH	#	6.30	6.30	6.30	1				
Specific Conductance	uS/cm	120.00	120.00	120.00	1				
Turbidity	NTU	16.00	16.00	16.00	1				
Apparent Colour	Pt/Co	5.90	5.90	5.90	1				
Calcium	mg/L	1.10	1.10	1.10	1				
Chloride	mg/L	21.00	21.00	21.00	1				
Fluoride	mg/L	0.02	0.02	0.02	1				
Iron	mg/L	0.06	0.06	0.06	1				
Magnesium	mg/L	1.10	1.10	1.10	1				
Manganese	mg/L	0.00	0.00	0.00	1				
pH	#	6.10	6.10	6.10	1				
Potassium	mg/L	1.20	1.20	1.20	1				
Silicon	mg/L	6.80	6.80	6.80	1				
01 - Boigu	Sample Point 9 - Raw Water (Well 2)	Apparent Colour	Pt/Co	11.00	11.00	11.00	1		
		Calcium	mg/L	1.30	1.30	1.30	1		
		Chloride	mg/L	24.00	24.00	24.00	1		
		Fluoride	mg/L	0.05	0.05	0.05	1		
		Iron	mg/L	0.15	0.15	0.15	1		
		Magnesium	mg/L	1.00	1.00	1.00	1		
		Manganese	mg/L	0.01	0.01	0.01	1		
		pH	#	6.20	6.20	6.20	1		
		Potassium	mg/L	0.85	0.85	0.85	1		
		Silicon	mg/L	19.00	19.00	19.00	1		
		Sodium	mg/L	17.00	17.00	17.00	1		
		Specific Conductance	uS/cm	110.00	110.00	110.00	1		
		Sulphate	mg/L	3.60	3.60	3.60	1		
		Total Alkalinity	mg/L	5.30	5.30	5.30	1		
		Total Dissolved Salts	mg/L	70.00	70.00	70.00	1		
		Total Hardness	mg/L	7.40	7.40	7.40	1		
		Turbidity	NTU	1.40	1.40	1.40	1		
		Apparent Colour	Pt/Co	7.40	7.40	7.40	1		
		pH	#	6.10	6.10	6.10	1		
		Specific Conductance	uS/cm	96.00	96.00	96.00	1		
		Turbidity	NTU	0.60	0.60	0.60	1		
		Apparent Colour	Pt/Co	53.00	53.00	53.00	1		
		pH	#	5.50	5.50	5.50	1		
Specific Conductance	uS/cm	270.00	270.00	270.00	1				
Turbidity	NTU	12.00	12.00	12.00	1				
Apparent Colour	Pt/Co	59.00	59.00	59.00	1				
pH	#	5.90	5.90	5.90	1				
Specific Conductance	uS/cm	200.00	200.00	200.00	1				
Turbidity	NTU	15.00	15.00	15.00	1				
Apparent Colour	Pt/Co	76.00	76.00	76.00	1				
pH	#	6.30	6.30	6.30	1				
Specific Conductance	uS/cm	120.00	120.00	120.00	1				
Turbidity	NTU	16.00	16.00	16.00	1				
Apparent Colour	Pt/Co	5.90	5.90	5.90	1				
Calcium	mg/L	1.10	1.10	1.10	1				
Chloride	mg/L	21.00	21.00	21.00	1				
Fluoride	mg/L	0.02	0.02	0.02	1				
Iron	mg/L	0.06	0.06	0.06	1				
Magnesium	mg/L	1.10	1.10	1.10	1				
Manganese	mg/L	0.00	0.00	0.00	1				
pH	#	6.10	6.10	6.10	1				
Potassium	mg/L	1.20	1.20	1.20	1				
Silicon	mg/L	6.80	6.80	6.80	1				
02 - Dauan	Sample Point 11 - Raw Water (Well 4)	Apparent Colour	Pt/Co	11.00	11.00	11.00	1		
		Calcium	mg/L	1.30	1.30	1.			

04 - Mabuag	Sample Point 7 - Raw Water (Pre Filter)	Sodium	mg/L	10.00	10.00	10.00	10.00	1
		Specific Conductance	uS/cm	92.00	92.00	92.00	92.00	1
		Sulphate	mg/L	2.10	2.10	2.10	2.10	1
		Total Alkalinity	mg/L	4.10	4.10	4.10	4.10	1
		Total Dissolved Salts	mg/L	46.00	46.00	46.00	46.00	1
		Total Hardness	mg/L	7.30	7.30	7.30	7.30	1
		Turbidity	NTU	0.40	0.40	0.40	0.40	1
		Apparent Colour	Pt/Co	10.00	10.00	10.00	10.00	1
		pH	#	6.30	6.30	6.30	6.30	1
		Specific Conductance	uS/cm	87.00	87.00	87.00	87.00	1
		Turbidity	NTU	0.50	0.50	0.50	0.50	1
		Apparent Colour	Pt/Co	110.00	110.00	110.00	110.00	1
		pH	#	6.20	6.20	6.20	6.20	1
		Specific Conductance	uS/cm	240.00	240.00	240.00	240.00	1
		05 - Badu	Sample Point 7 - Clear Water Tank	Turbidity	NTU	33.00	33.00	33.00
Apparent Colour	Pt/Co			9.20	9.20	9.20	9.20	1
Calcium	mg/L			0.20	0.20	0.20	0.20	1
Chloride	mg/L			5.40	5.40	5.40	5.40	1
Fluoride	mg/L			0.02	0.02	0.02	0.02	1
Iron	mg/L			0.05	0.05	0.05	0.05	1
Magnesium	mg/L			0.23	0.23	0.23	0.23	1
Manganese	mg/L			0.00	0.00	0.00	0.00	1
pH	#			7.20	7.20	7.20	7.20	1
Potassium	mg/L			0.15	0.15	0.15	0.15	1
Silicon	mg/L			1.40	1.40	1.40	1.40	1
Sodium	mg/L			20.00	20.00	20.00	20.00	1
Specific Conductance	uS/cm			110.00	110.00	110.00	110.00	1
Sulphate	mg/L			11.00	11.00	11.00	11.00	1
Total Alkalinity	mg/L			32.00	32.00	32.00	32.00	1
Total Dissolved Salts	mg/L	56.00	56.00	56.00	56.00	1		
Total Hardness	mg/L	1.40	1.40	1.40	1.40	1		
Turbidity	NTU	0.10	0.10	0.10	0.10	1		
Apparent Colour	Pt/Co	130.00	130.00	130.00	130.00	1		
pH	#	7.20	7.20	7.20	7.20	1		
Specific Conductance	uS/cm	160.00	160.00	160.00	160.00	1		
Turbidity	NTU	1.60	1.60	1.60	1.60	1		
Apparent Colour	Pt/Co	36.00	36.00	36.00	36.00	1		
pH	#	5.10	5.10	5.10	5.10	1		
Specific Conductance	uS/cm	23.00	23.00	23.00	23.00	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	1		
Apparent Colour	Pt/Co	74.00	74.00	74.00	74.00	1		
pH	#	5.10	5.10	5.10	5.10	1		
Specific Conductance	uS/cm	28.00	28.00	28.00	28.00	1		
Turbidity	NTU	0.70	0.70	0.70	0.70	1		
Apparent Colour	Pt/Co	1.50	1.50	1.50	1.50	1		
Calcium	mg/L	0.93	0.93	0.93	0.93	1		
Chloride	mg/L	30.00	30.00	30.00	30.00	1		
Fluoride	mg/L	0.04	0.04	0.04	0.04	1		
Iron	mg/L	0.06	0.06	0.06	0.06	1		
Magnesium	mg/L	0.97	0.97	0.97	0.97	1		
Manganese	mg/L	0.01	0.01	0.01	0.01	1		
pH	#	6.60	6.60	6.60	6.60	1		
Potassium	mg/L	0.86	0.86	0.86	0.86	1		
Silicon	mg/L	8.60	8.60	8.60	8.60	1		
Sodium	mg/L	33.00	33.00	33.00	33.00	1		
Specific Conductance	uS/cm	130.00	130.00	130.00	130.00	1		
Sulphate	mg/L	1.50	1.50	1.50	1.50	1		
Total Alkalinity	mg/L	11.00	11.00	11.00	11.00	1		
Total Dissolved Salts	mg/L	82.00	82.00	82.00	82.00	1		
Total Hardness	mg/L	6.30	6.30	6.30	6.30	1		
Turbidity	NTU	0.20	0.20	0.20	0.20	1		
Apparent Colour	Pt/Co	7.00	7.00	7.00	7.00	1		
pH	#	6.20	6.20	6.20	6.20	1		
Specific Conductance	uS/cm	73.00	73.00	73.00	73.00	1		
Turbidity	NTU	0.40	0.40	0.40	0.40	1		
06 - Kubin	Sample Point 7 - Raw Water (Pre Filter)	Sodium	mg/L	10.00	10.00	10.00	10.00	1
		Specific Conductance	uS/cm	92.00	92.00	92.00	92.00	1
		Sulphate	mg/L	2.10	2.10	2.10	2.10	1
		Total Alkalinity	mg/L	4.10	4.10	4.10	4.10	1
		Total Dissolved Salts	mg/L	46.00	46.00	46.00	46.00	1
		Total Hardness	mg/L	7.30	7.30	7.30	7.30	1
		Turbidity	NTU	0.40	0.40	0.40	0.40	1
		Apparent Colour	Pt/Co	10.00	10.00	10.00	10.00	1
		pH	#	6.30	6.30	6.30	6.30	1
		Specific Conductance	uS/cm	87.00	87.00	87.00	87.00	1
		Turbidity	NTU	0.50	0.50	0.50	0.50	1
		Apparent Colour	Pt/Co	110.00	110.00	110.00	110.00	1
		pH	#	6.20	6.20	6.20	6.20	1
		Specific Conductance	uS/cm	240.00	240.00	240.00	240.00	1

08 - Hammond	Sample Point 8 - Well 1	Apparent Colour	40.00	40.00	40.00	40.00	40.00	1	
		pH	6.00	6.00	6.00	6.00	6.00	6.00	1
		Specific Conductance	220.00	220.00	220.00	220.00	220.00	220.00	1
		Turbidity	NTU	6.10	6.10	6.10	6.10	6.10	1
		Apparent Colour	PT/Co	0.00	0.00	3.25	6.50	6.50	2
		Calcium	mg/L	3.60	3.60	6.80	10.00	10.00	2
		Chloride	mg/L	19.00	19.00	32.50	46.00	46.00	2
		Fluoride	mg/L	0.04	0.04	0.08	0.12	0.12	2
		Iron	mg/L	0.05	0.05	0.07	0.08	0.08	2
		Magnesium	mg/L	0.98	0.98	1.64	2.30	2.30	2
	Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	2	
	pH	#	6.90	7.20	7.50	7.50	7.50	2	
	Potassium	mg/L	1.70	1.90	2.10	2.10	2.10	2	
	Silicon	mg/L	10.00	27.00	44.00	44.00	44.00	2	
	Sodium	mg/L	13.00	33.00	33.00	33.00	33.00	2	
	Specific Conductance	uS/cm	100.00	185.00	270.00	270.00	270.00	2	
	Sulphate	mg/L	2.20	4.50	6.80	6.80	6.80	2	
	Total Alkalinity	mg/L	14.00	27.50	41.00	41.00	41.00	2	
	Total Dissolved Salts	mg/L	59.00	114.50	170.00	170.00	170.00	2	
	Total Hardness	mg/L	13.00	23.50	34.00	34.00	34.00	2	
	Turbidity	NTU	0.10	1.15	2.20	2.20	2.20	2	
	Apparent Colour	PT/Co	0.00	3.10	6.20	6.20	6.20	2	
	pH	#	6.70	7.10	7.50	7.50	7.50	2	
Specific Conductance	uS/cm	100.00	240.00	380.00	380.00	380.00	2		
Turbidity	NTU	0.10	1.10	2.10	2.10	2.10	2		
Apparent Colour	PT/Co	0.00	1.00	2.00	2.00	2.00	2		
pH	#	6.80	7.15	7.50	7.50	7.50	2		
Specific Conductance	uS/cm	99.00	149.50	200.00	200.00	200.00	2		
Turbidity	NTU	0.10	0.40	0.70	0.70	0.70	2		
Apparent Colour	PT/Co	0.00	0.00	0.00	0.00	0.00	1		
Calcium	mg/L	0.66	0.66	0.66	0.66	0.66	1		
Chloride	mg/L	230.00	230.00	230.00	230.00	230.00	1		
Fluoride	mg/L	0.02	0.02	0.02	0.02	0.02	1		
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	1		
Magnesium	mg/L	1.80	1.80	1.80	1.80	1.80	1		
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	1		
pH	#	6.70	6.70	6.70	6.70	6.70	1		
Potassium	mg/L	6.80	6.80	6.80	6.80	6.80	1		
Silicon	mg/L	0.20	0.20	0.20	0.20	0.20	1		
Sodium	mg/L	150.00	150.00	150.00	150.00	150.00	1		
Specific Conductance	uS/cm	780.00	780.00	780.00	780.00	780.00	1		
Sulphate	mg/L	2.50	2.50	2.50	2.50	2.50	1		
Total Alkalinity	mg/L	2.50	2.50	2.50	2.50	2.50	1		
Total Dissolved Salts	mg/L	990.00	990.00	990.00	990.00	990.00	1		
Total Hardness	mg/L	9.10	9.10	9.10	9.10	9.10	1		
Turbidity	NTU	0.10	0.10	0.10	0.10	0.10	1		
Free Chlorine	mg/L	1.30	1.30	1.30	1.30	1.30	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Free Chlorine	mg/L	1.20	1.20	1.20	1.20	1.20	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Free Chlorine	mg/L	1.20	1.20	1.20	1.20	1.20	1		
Turbidity	NTU	0.30	0.30	0.30	0.30	0.30	1		
Free Chlorine	mg/L	1.30	1.30	1.30	1.30	1.30	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Free Chlorine	mg/L	1.20	1.20	1.20	1.20	1.20	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Apparent Colour	PT/Co	0.00	0.00	0.00	0.00	0.00	1		
Calcium	mg/L	0.84	0.84	0.84	0.84	0.84	1		
Chloride	mg/L	98.00	98.00	98.00	98.00	98.00	1		
Fluoride	mg/L	0.02	0.02	0.02	0.02	0.02	1		
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	1		
Magnesium	mg/L	1.00	1.00	1.00	1.00	1.00	1		
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	1		
pH	#	6.50	6.50	6.50	6.50	6.50	1		
Potassium	mg/L	2.30	2.30	2.30	2.30	2.30	1		
Silicon	mg/L	0.20	0.20	0.20	0.20	0.20	1		
Sodium	mg/L	54.00	54.00	54.00	54.00	54.00	1		
09 - Iama	Sample Point 6 - Reservoir Analyser	Apparent Colour	40.00	40.00	40.00	40.00	40.00	1	
		pH	6.00	6.00	6.00	6.00	6.00	6.00	1
		Specific Conductance	220.00	220.00	220.00	220.00	220.00	220.00	1
		Turbidity	NTU	6.10	6.10	6.10	6.10	6.10	1
		Apparent Colour	PT/Co	0.00	0.00	3.25	6.50	6.50	2
		Calcium	mg/L	3.60	3.60	6.80	10.00	10.00	2
		Chloride	mg/L	19.00	19.00	32.50	46.00	46.00	2
		Fluoride	mg/L	0.04	0.04	0.08	0.12	0.12	2
		Iron	mg/L	0.05	0.05	0.07	0.08	0.08	2
		Magnesium	mg/L	0.98	0.98	1.64	2.30	2.30	2
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	2		
pH	#	6.90	7.20	7.50	7.50	7.50	2		
Potassium	mg/L	1.70	1.90	2.10	2.10	2.10	2		
Silicon	mg/L	10.00	27.00	44.00	44.00	44.00	2		
Sodium	mg/L	13.00	33.00	33.00	33.00	33.00	2		
Specific Conductance	uS/cm	100.00	185.00	270.00	270.00	270.00	2		
Sulphate	mg/L	2.20	4.50	6.80	6.80	6.80	2		
Total Alkalinity	mg/L	14.00	27.50	41.00	41.00	41.00	2		
Total Dissolved Salts	mg/L	59.00	114.50	170.00	170.00	170.00	2		
Total Hardness	mg/L	13.00	23.50	34.00	34.00	34.00	2		
Turbidity	NTU	0.10	1.15	2.20	2.20	2.20	2		
Apparent Colour	PT/Co	0.00	3.10	6.20	6.20	6.20	2		
pH	#	6.70	7.10	7.50	7.50	7.50	2		
Specific Conductance	uS/cm	100.00	240.00	380.00	380.00	380.00	2		
Turbidity	NTU	0.10	1.10	2.10	2.10	2.10	2		
Apparent Colour	PT/Co	0.00	1.00	2.00	2.00	2.00	2		
pH	#	6.80	7.15	7.50	7.50	7.50	2		
Specific Conductance	uS/cm	99.00	149.50	200.00	200.00	200.00	2		
Turbidity	NTU	0.10	0.40	0.70	0.70	0.70	2		
Apparent Colour	PT/Co	0.00	0.00	0.00	0.00	0.00	1		
Calcium	mg/L	0.66	0.66	0.66	0.66	0.66	1		
Chloride	mg/L	230.00	230.00	230.00	230.00	230.00	1		
Fluoride	mg/L	0.02	0.02	0.02	0.02	0.02	1		
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	1		
Magnesium	mg/L	1.80	1.80	1.80	1.80	1.80	1		
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	1		
pH	#	6.70	6.70	6.70	6.70	6.70	1		
Potassium	mg/L	6.80	6.80	6.80	6.80	6.80	1		
Silicon	mg/L	0.20	0.20	0.20	0.20	0.20	1		
Sodium	mg/L	150.00	150.00	150.00	150.00	150.00	1		
Specific Conductance	uS/cm	780.00	780.00	780.00	780.00	780.00	1		
Sulphate	mg/L	2.50	2.50	2.50	2.50	2.50	1		
Total Alkalinity	mg/L	2.50	2.50	2.50	2.50	2.50	1		
Total Dissolved Salts	mg/L	990.00	990.00	990.00	990.00	990.00	1		
Total Hardness	mg/L	9.10	9.10	9.10	9.10	9.10	1		
Turbidity	NTU	0.10	0.10	0.10	0.10	0.10	1		
Free Chlorine	mg/L	1.30	1.30	1.30	1.30	1.30	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Free Chlorine	mg/L	1.20	1.20	1.20	1.20	1.20	1		
Turbidity	NTU	0.30	0.30	0.30	0.30	0.30	1		
Free Chlorine	mg/L	1.30	1.30	1.30	1.30	1.30	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Free Chlorine	mg/L	1.20	1.20	1.20	1.20	1.20	1		
Turbidity	NTU	0.50	0.50	0.50	0.50	0.50	1		
Apparent Colour	PT/Co	0.00	0.00	0.00	0.00	0.00	1		
Calcium	mg/L	0.84	0.84	0.84	0.84	0.84	1		
Chloride	mg/L	98.00	98.00	98.00	98.00	98.00	1		
Fluoride	mg/L	0.02	0.02	0.02	0.02	0.02	1		
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	1		
Magnesium	mg/L	1.00	1.00	1.00	1.00	1.00	1		
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	1		
pH	#	6.50	6.50	6.50	6.50	6.50	1		
Potassium	mg/L	2.30	2.30	2.30	2.30	2.30	1		
Silicon	mg/L	0.20	0.20	0.20	0.20	0.20	1		
Sodium	mg/L	54.00	54.00	54.00	54.00	54.00	1		
10 - Warraber	Sample Point 1 - Reservoir	Apparent Colour	40.00	40.00	40.00	40.00	40.00	1	
		pH	6.00	6.00	6.00	6.00	6.00	6.00	1
		Specific Conductance	220.00	220.00	220.00	220.00	220.00	220.00	1
		Turbidity	NTU	6.10	6.10	6.10	6.10	6.10	1
		Apparent Colour	PT/Co	0.00	0.00	3.25	6.50	6.50	2
		Calcium	mg/L	3.60	3.60	6.80	10.00	10.00	2
		Chloride	mg/L	19.00	19.00	32.50	46.00	46.00	2
		Fluoride	mg/L	0.04	0.04	0.08	0.12	0.12	2
		Iron	mg/L	0.05	0.05	0.07	0.08	0.08	2
		Magnesium	mg/L	0.98	0.98	1.64	2.30	2.30	2
Manganese	mg/L	0.00	0.00	0.00	0.00	0.00	2		
pH	#	6.90	7.20	7.50	7.50	7.50	2		
Potassium	mg/L	1.70	1.90	2.10	2.10	2.10	2		
Silicon	mg/L	10.00	27.00	44.00	44.00	44.00	2		
Sodium	mg/L	13.00	33.00	33.00	33.00	33.00	2		
Specific Conductance	uS/cm	100.00	185.00	270.00	270.00	270.00	2		
Sulphate	mg/L	2.20							

Scheme	2021-July		2021-August		2021-September		2021-October		2021-November		2021-December		2022-January		2022-February		2022-March		2022-April		2022-May		2022-June	
	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples	Passed E coli Samples	Failed E coli Samples
01 - Boigu	6	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
02 - Dauan			4	0																				
03 - Saibai	10	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
04 - Wabuang	6	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
05 - Bada	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
06 - Kubin	6	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
07 - St Pauls			5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
08 - Hammond	3	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
09 - Iama	6	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
10 - Warraber			5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
11 - Ponuma	3	1	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
12 - Masig	6	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
13 - Ugar			5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
14 - Erub	4	2	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
15 - Mer	11	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0

Sample taken pre chlorination at WTP

Appendix E - Incidents and Complaints Register

Incident ID	Incident Number	Island	Incident, Complaint or Community Notice	Date of Incident	Description of Incident	TPH Notified	Boiled Water Alert Status	BWA Start Date	BWA End Date	Incident Resolved	Incident Resolved Date
I-15	-	05 - Badu	Complaint	03/12/21	Colour and high turbidity in water caused by power outage. Water network flushed by WO and residents advised to flush affected tanks						06/12/21
I-16	-	15 - Mer	Community Notice	10/01/22	Chlorine lock resulted in low reservoir levels, intermittent supply						10/01/22
I-18	-	08 - Hammond	Community Notice	24/01/22	Intermittent water supply						19/01/22
I-19	DWI-500-22-09454	08 - Hammond	Incident	09/02/22	ADWG limit for turbidity exceeded - Boil Water Alert issued 09-Feb-2022.			09/02/22			14/04/22
I-20	-	07 - St Pauls	Community Notice	14/02/22	Temporary water supply interruptions						14/02/22
I-21	-	05 - Badu	Community Notice	21/02/22	Turbidity issues due to change in reservoir set points Reservoir setpoint changes required to increase chlorine residuals in reservoir			21/02/22	21/02/22		21/02/22
I-22	DWI-500-22-09483	03 - Salibai	Incident	22/02/22	Positive e. coli test at all 5 sample points			23/02/22	29/08/22		29/08/22
I-23	-	10 - Warraber	Complaint	28/02/22	Bad smelling water in community network.						28/02/22
I-24	DWI-500-22-09492	05 - Badu	Incident	01/03/22	Low chlorine levels in water network due to intermittent failure of clear water flow meter			01/03/22			
I-25	DWI-500-22-09641	10 - Warraber	Incident	14/06/22	Positive e. coli test			14/06/22	23/09/22		23/09/22