

Water Operators Report May. 2025

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Water consumption

| | | | | |
|------------------------|--------------------------|----|-----------------------|---------------|
| Monthly Consumption | 10,059.25 M ³ | 28 | 359.26 M ³ | Daily Average |
| Previous year 2024-Mar | 8316 M ³ | 28 | 297.00 M ³ | Daily Average |

| | | | | | | | |
|-------------------------------|----------------------|-------|--------------------|-------|------------|-----------|------|
| Vol Well #1 since 19 Jan 2019 | 359.6 M ³ | | | | Last month | Last year | |
| Max Flow for month | No Data | L/Min | Min Flow for month | L/Min | No Data | 0 | 23.1 |

Time and Date

| | | | | | | |
|--------------------|-----|-----|-----|---|----|-----|
| Pump hours | # 2 | 151 | # 3 | 4 | #4 | 528 |
| Previous month hrs | | 637 | | 0 | | 57 |

VIHA Samples

| Activity | Date | Location | Sample type | Result | |
|-----------------|------------|----------------|----------------|--------|--------------|
| Monthly | 12/04/2025 | 7941 Park | Drinking water | ✓ | Sent to VIHA |
| Sample /testing | | 7588 Ships Pt. | Drinking water | ✓ | |
| | | 7576 Tozer | Drinking water | ✓ | |
| | | Well 2 | Raw | ✓ | |
| | | Well 3 | Raw | ✓ | |
| | | Well 4 | Raw | ✓ | |

Operations/Maintenance

Weekly:

Meter readings, CL residuals (5 locations) incl flushing station, run pump 1 collect well levels data
Check CL tank level and add accordingly

Monthly:

Prep chain of custody report and sample bottles Collect Island Health samples and deliver to office
Collect end of month Data create report, replace CL membrane & order chlorine as needed
Attend WTC and SPID Meetings

01/05/2025 Open up for White Pacific, Prune fence line,
Asist WP with setting up PLC and testing, Note #3 drawdown more than expected (modify switch point
Re #4 kicking in as well from 1800LPM to 1500 LPM

Notes: HMI ordered wrong size, UPS not ordered yet.

- 02/05/2025 **Call out** 01:30!! Low CL tank level, Temp replace level switch, purchase PVC fittings to repair level switch
- 03/05/2025 Email WP with monthly report re Data on New PLC
Replace Float switch, COMPLETE SYSTEM SHUTDOWN! Called WP and got great support.
Not sure why!!
- 04/05/2025 Update Vendors list
- 07/05/2025 **Call out** 13:00 Low CL, MM responded and hit prime, I increased flow to sensor rate came up
Call out 15:00 Low CL. Bumped CL pump Output no change! Rapid CL system decompression
Replace partially blocked CL feeder hose and foot valve from tank. Tapped quill, CL levels came back up?
- 10/05/2025 **Draw down test #2 well: 230 LPM well static at 1.43m (PSI slowly dropping as pump not keeping up)**
Observe #3 drawdown during Tozer flushing demand = 1200 LPM well stable at 2.3M
- 13/05/2025 **02:00 Call out** COMPLETE SYSTEM SHUTDOWN, Unable to log in for some time, unable to reset PLC
Manually switched #4 on to bring line pressure up, Hit reset again and a couple of faults cleared.
unable to clear "speed loop fail on #2 and #3 but #4 working fine
Called WP and the made some mods to program (still unsure why it failed suspect old UPS?)
14:00 Draw down test on # 4 & #3 wells
#4 740 LPM well level 2.6 stable
#3 1495 LPM well level 1.1 stable (cutting it fine as 1m alarm/shut off)
Conclusion: Max available flow 2,400 LPM
22:55 call out low CL changed P_tube #1 pump #2 had fault! Reset on HMI
- 14/05/2025 Comms with WP re call out
Main Line Flushing
- 15/05/2025 WP on site installing loan UPS and complete PLC/HMI install
Clean sheds 2 and 3 change P tube # 2 pump
- 17/05/2025 Comms with WP re next steps, send Nick (WP) my monthly report data
- 20/05/2025 **Call out** Low CL the PLC automatically switched to CL pump #2 as it should
but I could not switch back to #1 CL pump (program has since been modified to increase hangtime)
- 22/05/2025 Real-estate agent called wanting proof 123 Baynes has water connection provided pic of drawings
- 30/05/2025 Save old Idec data to Sync.
- 31/05/2025 Flushing station caused 2 alarms comms with WP re correcting this and also Monthly report data