



Tasmanian Irrigation

Pre-Season announcement 2021-22

Snapshot:

| | |
|--------------------------|-----------------|
| Irrigation scheme: | Greater Meander |
| Season opening date: | 1 November 2021 |
| Allocation percentage: | 100% |
| Nominal Delivery Period: | 150 days |



Welcome to your 2021-22 Newsletter.

Thankfully another great start to spring. TI would like to provide some relevant information and as the season proceeds, we will update you further.

Trading

If you require more water or a higher flow rate per day than your current entitlement or delivery right, you will need to trade volume or flow rate with another irrigator on the Scheme. Application forms are located on the TI website under the 'Forms' section in the 'Quick links' menu on the Homepage. TI's preference is that trades are completed prior to the delivery of the water and not at the end of the season. If you need assistance with trading please contact Brett Bennett or Dean Anyon, GMID Scheme Operators.

Why do we have a nominated Season length?

It comes down to ensuring 95% reliability based on the original design, the water source and the operation of the scheme. We have designed a large majority of our schemes to a 95 per cent average annual reliability on the basis of the conditions applying at the time reliability was assessed and that the scheme continues to operate as it was originally designed.

Annual Charges

Please find attached the annual charge rates for the 2021-22 season which have been set and agreed in consultation with your Irrigator Representative Committee. Annual charges are also published on the TI website for your reference.

The Annual Fixed Charges (AFC) for the river scheme has increased by \$3.28 per megalitre and the increase on the pipe scheme is \$5.29. The main contributors to this increase is the increase operations overheads which now incorporates a relief operator shared amongst all schemes and increased in administration overheads due to Covid 19, rent increases, insurances and a CPI increase.

ARL Modelling

The asset Renewal Levy (ARL) assessment modelling is now in place at TI.

Analysis of all assets has been completed and works scheduled for GMID for the next few years are based around key failure points and will be completed with the intention to prolong the life of assets. Appropriate maintenance will reduce ARL costs.

TI is utilising a risk assessment process across all schemes – looking at each and every asset and assessing risk of failure etc and applying a risk rating. Using the risk rating now able to forecast the need to replace and repair assets. We now understand the condition and risk of each asset and can now model on estimated spending required. Condition assessments to be updated annually and before any work is done. The ARL model and assessment will be remodelled annually.

Working Capital

It has been identified through our new financial modelling program and an extensive audit on all our schemes, that many scheme's working capital balances are below what is required to be self-sufficient and meet the monthly expenditure profile.

This is not the case for Meander, as the scheme has adequate working capital to meet its monthly expenditure commitments.

As you can appreciate, scheme revenues are not received for 8 to 9 months (Feb/Mar) after the beginning of the financial year in July. TI have a policy that all schemes are required to maintain a working capital balance equivalent to 12 months of expenses to meet the expenditure commitments.

As you might be aware, all schemes are "ring fenced" and must be self-funding and they must not rely on TI's group finances. TI is prohibited to use other external sources of funds to finance and fund the scheme's operational activity.

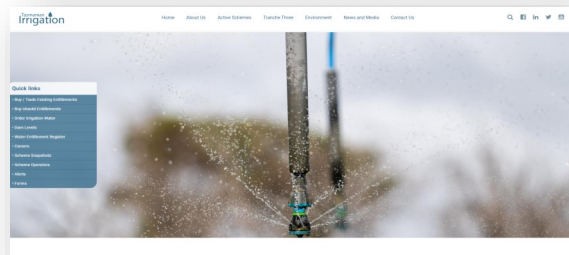
Repairs & Maintenance 2021/22 – 2024/25

| Maintenance Task | Location | Cost (\$) | | | |
|---|-----------------|---------------------|---------------------|---------------------|---------------------|
| | | FY22 | FY23 | FY24 | FY25 |
| Weed & vegetation management | Scheme wide | \$ 3,000.00 | \$ 3,000.00 | \$ 3,000.00 | \$ 3,000.00 |
| Vermin control | Scheme wide | \$ 440.00 | \$ 440.00 | \$ 440.00 | \$ 440.00 |
| Air valve, control valve, pressure relief valve maint | Scheme wide | \$ 700.00 | \$ 700.00 | \$ 700.00 | \$ 700.00 |
| Property & river outlet maintenance - allowance | Scheme wide | \$ 4,300.00 | \$ 4,300.00 | \$ 4,300.00 | \$ 4,300.00 |
| Reactive maintenance - allowance | Scheme wide | \$ 16,000.00 | \$ 16,000.00 | \$ 16,000.00 | \$ 16,000.00 |
| Miscellaneous materials | Scheme wide | \$ 100.00 | \$ 100.00 | \$ 100.00 | \$ 100.00 |
| Pump & motor lubrication & oil analysis | Pump Stations | \$ 525.00 | \$ 525.00 | \$ 525.00 | \$ 525.00 |
| LV switchboard inspection, thermography & clean | Quamby PSTN | \$ 880.00 | \$ - | \$ 880.00 | \$ - |
| Inlet screen sediment removal | Quamby PSTN | | | \$ 1,600.00 | |
| RCD test, instrument calibration | Quamby PSTN | \$ 330.00 | \$ 330.00 | \$ 330.00 | \$ 330.00 |
| Pump vibration & temperature assessments | Quamby PSTN | \$ 1,000.00 | \$ 1,000.00 | \$ 1,000.00 | \$ 1,000.00 |
| LV cabinet cooling fan replacement | Quamby PSTN | | | | \$ 400.00 |
| VSD cooling fan replacement | Quamby PSTN | \$ 2,380.00 | | \$ 880.00 | |
| LV switchboard inspection, thermography & clean | Caveside PSTN | \$ 880.00 | | \$ 880.00 | |
| Inlet screen sediment removal | Caveside PSTN | | | \$ 1,600.00 | |
| RCD & emerg lighting test, instrument calibration, test & tag | Caveside PSTN | \$ 440.00 | \$ 440.00 | \$ 440.00 | \$ 440.00 |
| Pump vibration & temperature assessments | Caveside PSTN | \$ 800.00 | \$ 800.00 | \$ 800.00 | \$ 800.00 |
| VSD cooling fan replacement | Caveside PSTN | | \$ 600.00 | | |
| LV switchboard inspection, thermography & clean | Rubicon PSTN | | \$ 880.00 | | \$ 880.00 |
| Inlet screen sediment removal | Rubicon PSTN | | | \$ 1,600.00 | |
| Inlet screen cleaning (crane) | Rubicon PSTN | \$ 4,000.00 | \$ 4,000.00 | \$ 4,000.00 | \$ 4,000.00 |
| RCD test, instrument calibration | Rubicon PSTN | \$ 220.00 | \$ 220.00 | \$ 220.00 | \$ 220.00 |
| Pump vibration & temperature assessments | Rubicon PSTN | \$ 800.00 | \$ 800.00 | \$ 800.00 | \$ 800.00 |
| LV cabinet cooling fan replacement | Rubicon PSTN | | | \$ 400.00 | |
| VSD cooling fan replacement | Rubicon PSTN | | | \$ 600.00 | |
| LV switchboard inspection, thermography & clean | Hagley PSTN | | \$ 880.00 | | \$ 880.00 |
| Inlet screen sediment removal | Hagley PSTN | | | \$ 1,600.00 | |
| RCD test, instrument calibration | Hagley PSTN | \$ 220.00 | \$ 220.00 | \$ 220.00 | \$ 220.00 |
| LV cabinet cooling fan replacement | Hagley PSTN | | | \$ 300.00 | |
| VSD cooling fan replacement | Hagley PSTN | | | \$ 900.00 | |
| Cleaning | Cheshunt Drains | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 |
| Outlet upgrades | Scheme wide | \$ 5,000.00 | | | |
| Leak Investigations | Scheme wide | \$ 3,000.00 | | | |
| Hydraulic performance assessments | Scheme wide | | \$ 300.00 | | |
| Total | | \$ 55,015.00 | \$ 45,535.00 | \$ 54,115.00 | \$ 45,035.00 |

Have your contact details changed?

If any of your contact details have changed, please advise us as soon as possible at enquiries@tasirrigation.com.au.

Have you seen the new updated website? It is now your first point of reference. Check it out at; www.tasirrigation.com.au



Scheme Contacts

Irrigator Representative Committee:

| | | |
|-------------------|--------------|-----------------------------|
| Damian Atkins | 0408 636 198 | damian@nwbs.net.au |
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Scheme Operator:

| | | |
|---------------|--------------|------------------------------------|
| Brett Bennett | 0457 700 590 | brett.bennett@tasirrigation.com.au |
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This newsletter contains information of a general nature and reasonable care has been taken to ensure accuracy at the time of publication. Scheme details and policies may change and individual circumstances may vary. This newsletter should not be relied upon as a basis of individual decision-making. For more information and details regarding the articles in this issue, please contact:

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If you would prefer to receive this newsletter via post please contact us at Enquiries@tasirrigation.com.au.

Greater Meander Irrigation District

Charge rates: 2021-22



In-season annual charges for water entitlements

| | 2020-21 (\$/ML) | 2021-22 (\$/ML) | Change (\$) | Change (%) |
|--|--------------------|--------------------|-----------------|--------------|
| Fixed charges* - Meander River delivery | | | | |
| Operation & maintenance charge | \$ 30.07 | \$ 33.26 | \$ 3.19 | 10.6% |
| Asset renewal levy | \$ 1.39 | \$ 1.48 | \$ 0.09 | 6.7% |
| Total | \$ 31.46 | \$ 34.74 | \$ 3.28 | 10.4% |
| Fixed charge once-off discount | \$ (7.50) | \$ - | \$ 7.50 | (100.0%) |
| Total Fixed Charge after once off discount | \$ 23.96 | \$ 34.74 | \$ 10.78 | 45.0% |
| Fixed charges* - Caveside, Hagley, Rubicon, & Quamby delivery | | | | |
| Operation & maintenance charge | \$ 30.07 | \$ 33.26 | \$ 3.19 | 10.6% |
| Asset renewal levy | \$ 5.17 | \$ 7.27 | \$ 2.10 | 40.6% |
| Total | \$ 35.24 | \$ 40.53 | \$ 5.29 | 15.0% |
| Fixed charge once-off discount | \$ (7.50) | \$ - | \$ 7.50 | (100.0%) |
| Total Fixed Charge after once off discount | \$ 27.74 | \$ 40.53 | \$ 12.79 | 46.1% |
| Variable charges*** | | | | |
| Meander River | \$ 8.49 | \$ 8.49 | \$ - | 0.0% |
| Hagley Pump Station | \$ 37.96 | \$ 36.85 | \$ (1.11) | (2.9%) |
| Caveside Pump Station | \$ 36.97 | \$ 35.55 | \$ (1.42) | (3.8%) |
| Rubicon Pump Station | \$ 41.73 | \$ 40.13 | \$ (1.60) | (3.8%) |
| Quamby Pump Station | \$ 44.58 | \$ 42.87 | \$ (1.71) | (3.8%) |

* Fixed charges: payable on current entitlement holdings on the opening day of the irrigation season.

** Storage charges: a fixed charge to replenish storage losses in the scheme, such as evaporation.

*** Variable charge: payable on water that is supplied to you during the irrigation season.

Excess water charges - for unauthorised use of additional volume

| Excess Water Charges* | 2021-22 (\$/ML) |
|-----------------------|--------------------|
| Meander River | \$ 200.00 |
| Hagley Pump Station | \$ 200.00 |
| Caveside Pump Station | \$ 200.00 |
| Rubicon Pump Station | \$ 200.00 |
| Quamby Pump Station | \$ 200.00 |

* Excess water charges: payable for each additional megalitre (or part of a megalitre) of water taken, in addition to your authorised volume under your water entitlement, during the irrigation season. These rates have been set within the By-Laws for your scheme.

Out of season (general availability) water charges

| Out of season water charges* | 2020-21 (\$/ML) | 2021-22 (\$/ML) | Change (\$) | Change (%) |
|---------------------------------------|--------------------|--------------------|-------------|------------|
| Normal out of season charges** | | | | |
| Meander River | \$ 23.96 | \$ 34.74 | \$ 10.78 | 44.99% |
| Hagley Pump Station | \$ 74.40 | \$ 86.62 | \$ 12.22 | 16.42% |
| Caveside Pump Station | \$ 73.16 | \$ 85.06 | \$ 11.90 | 16.27% |
| Rubicon Pump Station | \$ 79.01 | \$ 90.79 | \$ 11.78 | 14.91% |
| Quamby Pump Station | \$ 82.50 | \$ 94.22 | \$ 11.72 | 14.21% |
| Excess out of season charges | | | | |
| Meander River | \$ 84.07 | \$ 94.85 | \$ 10.78 | 12.82% |
| Hagley Pump Station | \$ 134.52 | \$ 146.74 | \$ 12.22 | 9.08% |
| Caveside Pump Station | \$ 133.28 | \$ 145.18 | \$ 11.90 | 8.93% |
| Rubicon Pump Station | \$ 139.13 | \$ 150.91 | \$ 11.78 | 8.47% |
| Quamby Pump Station | \$ 142.62 | \$ 154.34 | \$ 11.72 | 8.22% |

* Out of season water charges: payable on water supplied outside the irrigation season by agreement with Tasmanian Irrigation.

** Normal out of season charges: available to irrigators who hold current entitlement in the irrigation district and only up to the level of their respective holdings.

Interest for late payments

In accordance with the by-laws for the district, Tasmanian Irrigation may issue interest charges when payment is not received within the standard terms of each invoice (30 days). **This will be charged at the rate two per cent (2%) per annum above the 3 month Australian Bank Bill Swap Bid Rate (BBSY).**

You will be unable to trade your water entitlements if your account is in arrears.

Tasmanian Irrigation understands that on some occasions our customers may experience times of financial hardship due to circumstances outside of their control. As such, you may choose to apply for a payment plan under our Financial Hardship Policy.

Other charges

| | | |
|--|----------|---------------|
| Permanent transfer application fee | \$ 77.00 | Including GST |
| Limited term transfer application fee | \$ 77.00 | Including GST |
| Short term transfer application fee | \$ - | Including GST |
| Registration, transfer, variation, or discharge of security interest | \$ 77.00 | Including GST |
| Copy of water entitlement extract | \$ 33.00 | Including GST |

Further information:

Water charges are levied by Tasmanian Irrigation to recover the costs of operating, maintaining and administering irrigation districts.

In all irrigation districts, a **Fixed Charge** is levied on the volume of your irrigation right holdings on the first day of the irrigation season and is payable regardless of whether water has been consumed.

The Fixed Charge can have up to three components:

- > **Operation & Maintenance** charge recovers the costs for running the scheme which don't normally change materially with the volume of water supplied during a season. This includes costs relating to employment of scheme operators, motor vehicle costs, maintenance, telemetry, compliance, administration, finance and insurance.
- > **Asset Renewal Levy** makes provision for major asset repairs and replacements required to ensure the continuing operation of the district.
- > **Storage Charge** (some districts): recovers costs of pumping any evaporation or seepage losses into the main water storage.

Most irrigation districts also include a **Variable Charge** which is levied on the volume of water ordered or consumed by each irrigator, to recover electricity costs for pumping and water purchase costs incurred by Tasmanian Irrigation. The variable charge is based on the cost to deliver water to the various charge zones. Variable Charges are invoiced following the end of the irrigation season or delivery period.

Excess Water Charges can be avoided entirely by ensuring you have sufficient allocation:

- > Monitor your usage (contact your Scheme Operator if you require assistance).
- > Contact us if you have any questions about your allocation, trading or usage.
- > Trade any required additional allocation. We are unable to accept retrospective trades.

To assist buyers and sellers of water entitlements with establishing trading connections, Tasmanian Irrigation provides a free **Water Trading Notice Board** on our website. This allows parties to advertise their interest in buying, selling or leasing water entitlements. You can access the Notice Board via Tasmanian Irrigation's website: www.tasirrigation.com.au.

All annual water charges are retained within the separate irrigation schemes to be used for the benefit of the irrigators.

If you have any questions, please contact our office on 03 6398 8433 or enquiries@tasirrigation.com.au.