



Tasmanian Irrigation

Pre-Season announcement 2021-22

Snapshot:

Irrigation scheme:	Duck Irrigation Scheme
Season opening date:	1st November 2021
Allocation percentage:	100%
Season length :	150 Days



The allocation percentage prescribes the volume of your entitlement which you can access during the season.

Welcome to the 2020-21 Newsletter and what a great start to the season. Tasmanian Irrigation 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 Chris Hofing, Duck Scheme Operator.

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 have increased by \$1.94 per megalitre.

This increase is due to:

Increase in compliance and Repairs and Maintenance costs - the large peak and troughs of costs have been smoothed over 4 years to minimise yearly impact.

The variable charge has decreased due to more favourable retail electricity contract. It is expected that electricity costs will likely increase slightly next year.

Maintenance Tasks for 2021/22 (Below)

Maintenance Task	Location	Budget Cost Breakdown			
		FY22	FY23	FY24	FY25
Pump & motor lubrication	Edith Creek & Smithton PSTN	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00
Pump vibration and thermal assessment	Smithton PSTN	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00
Weed & vegetation management	Scheme wide	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
Vermin control	Scheme wide	\$ 540.00	\$ 540.00	\$ 540.00	\$ 540.00
Gantry inspections (Compliance)	Edith Creek & Smithton PSTN	\$ 780.00	\$ 780.00	\$ 780.00	\$ 780.00
Air valve, control valve, pressure relief valve maint	Scheme wide	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
Property outlet maintenance - allowance	Scheme wide	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
Reactive maintenance - allowance	Scheme wide	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
Miscellaneous	Scheme wide	\$ 330.00	\$ 400.00	\$ 330.00	\$ 380.00
Power quality filter cooling fan replacement	Smithton PSTN	\$ 650.00			
Edith Creek PSTN J-Box labels and locks	Edith Creek PSTN	\$ 300.00			
Pump station inlet silt removal	Edith Creek & Smithton PSTN		\$ 3,200.00		\$ 3,200.00
LV switchboard inspection, thermography & VSD clean	Edith Creek & Smithton PSTN		\$ 1,760.00		\$ 1,760.00
Power quality filter cooling fan replacement	Edith Creek PSTN		\$ 980.00		
Power quality filter capacitor change	Edith Creek PSTN		\$ 900.00		
Hydraulic performance assessment	Scheme wide		\$ 500.00		
VSD Cooling fan replacement	Edith Creek PSTN			\$ 2,200.00	
VSD Cooling fan replacement	Smithton PSTN				\$ 1,300.00
Balance tank 3yr internal inspection	Mella Balance Tank			\$ 1,945.00	
Balance tank 3yr internal inspection	Forrest Balance Tank			\$ 1,945.00	
Total		\$ 9,300.00	\$ 15,760.00	\$ 14,440.00	\$ 14,660.00

Your Contact Details

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

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.

Cost Recovery

TI funds the operations of each individual irrigation scheme on a cost recovery basis. It has no funding source to allow deferral of expenditure from one season to another. TI has a mandate that each scheme is stand alone for financial management purposes.

Revenue is received through fixed and variable annual charges which are designed to recover fixed and variable costs associated with the operation of the irrigation schemes. Fixed charges recover costs not directly impacted by the volume of water delivered by each scheme. These include wages, insurance, asset maintenance and administration.



Scheme Contacts

Irrigator Representative Committee:

David Field	0429 950 024	tasfields@gmail.com
Harry Korpershoek	0417 306 816	korpershoekbros@gmail.com
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Scheme Operator:

Chris Hofing	0407 554 800	chris.hofing@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.

Duck Irrigation District

Charge rates: 2021-22



In-season annual charges for water entitlements

	2020-21 (\$/ML)	2021-22 (\$/ML)	Change (\$)	Change (%)
Fixed charges*				
Operation & maintenance charge	\$ 50.02	\$ 51.48	\$ 1.46	2.9%
Asset renewal levy	\$ 20.71	\$ 21.12	\$ 0.41	2.0%
Storage charge**	\$ 2.05	\$ 2.12	\$ 0.07	3.4%
Total	\$ 72.78	\$ 74.72	\$ 1.94	2.7%
Variable charges***				
Mill Creek Dam (Duck River)	\$ 19.68	\$ 18.61	\$ (1.07)	(5.4%)
Edith Pump Station (Edith line)	\$ 26.24	\$ 25.11	\$ (1.13)	(4.3%)
Smithton Pump Station (Mella line)	\$ 44.59	\$ 43.27	\$ (1.32)	(3.0%)
Smithton Pump Station (Forest & Irishtown lines)	\$ 67.32	\$ 65.78	\$ (1.54)	(2.3%)

* 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)		
Mill Creek Dam (Duck River)	\$ 100.00		
Edith Pump Station (Edith line)	\$ 110.00		
Smithton Pump Station (Mella line)	\$ 130.00		
Smithton Pump Station (Forest & Irishtown lines)	\$ 160.00		

* 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.

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.