



Greater Meander Irrigation District

Total New Water:
11,000 ML

Cost Of Works:
Circa \$16 Million

Government
funding:
\$5 Million

Completion Date:
April 2024

TI identified the need to augment the existing scheme in order to improve efficiencies and increase supply capacity to enhance agricultural productivity through the Greater Meander Irrigation Scheme.

Welcome to the GMID Augmentation Update.

This newsletter is to provide a brief outline of the activity and the forthcoming tasks over the next few months.

Overview

Tasmanian Irrigation identified the need to augment the existing scheme in order to improve efficiencies and increase supply capacity to enhance agricultural productivity through the Greater Meander Irrigation Scheme.

Tasmanian Irrigation has been granted \$5 million by the Federal and State Governments and an additional water entitlement for the Greater Meander irrigation Scheme.

Tasmanian Irrigation plans to maximise water delivery and sales to the local community by improving existing infrastructure, installing new infrastructure and allocating water entitlements out of the Meander River.

TOTAL NEW WATER FROM THIS AUGMENTATION

11,000 ML (Summer Entitlements)

TOTAL COST OF WORKS ESTIMATE

Circa \$16 Million (Preliminary only)

Priorities

- Hydrological Report
- Meander River storage modelling - all engineering etc.
- Pump and pipe capacities review and assessment - asap
- Pipeline extensions - summer work, constructed to minimise interruptions supply
- Deloraine New Pipeline Option
- Pump upgrades - parallel to above (Quamby pump first priority)

What has been done to date?

- TI have started some enhancement work on the Rubicon intake screens.
- A preliminary scope of works has been prepared.
- TI have tendered out the Hydrological study to determine water availability, transmission losses and reliability in the Meander River. The study is scheduled to be completed with a final report by late February 2022.

What are the next Steps?

- Finalise the scope of Works
- Engage a dedicated Project Manager
- Review of Hydrology to enable water sales
- Undertake Engineering Design of the identified works post water sales packages
- Tenderer packages to be developed
- Construction of Augmentation packages

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.

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

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.

SEGMENT OVERVIEW

Caveside

Pump and VSD upgrades, Booster pump and Pipeline extensions of 13.5Km’s. This Includes reviewing and assessing the feasibility of converting Western’s creek, Dale Brook and Ritchie’s creek to pipeline delivery networks. This assisted by the recently completed upgraded inlet screen.

Rubicon

New Intake screen on river, new pipeline extension and increase size of pipeline in sections.

Quamby

Intake screen upgrade, pump and Variable speed Drives (VSD upgrades, 6km pipeline extension

Hagley

Intake screen upgrade, pump and VSD upgrades

Deloraine Pipeline (new)

Pump station and 7.8km of pipeline

Meander River

Hyrdological study, Storage modelling, SCADA Upgrade, flow monitoring and Water Quality monitoring

Ongoing scheme improvements continue, these include:

- Shared outlet conversions to individual outlets.
- Cheshunt drain, erosion and flow management.
- Outlet and pump control upgrades.



Flow rate entitlements give certainty over the timing of supply and introduce a tradable product through which irrigators can plan water deliveries

manage seasonal risks and maximise the benefit of their entitlements.

Calculating Your Flow rate

Irrigation Representative Committee

Michael Cresswell (Chair)	0419 034 525	quambyview@bigpond.com
Damian Atkins	0408 636 198	damian@nwbs.net.au
David Cresswell	0418 133 610	daamcresswell@activ8.net.au
Greg Gibson	0419 528 165	gibsonag@bigpond.com
Ken Lawrence	0417 931 649	fermeradmin@fermer.com.au
Marcus Crowden	0417 552 991	marcuscrowden@gmail.com
Nigel Brock	0438 685 164	montanais@bigpond.com
Tim Schmidt	0427 325 946	tim@woodlandsfarm.com.au
Mark Griffin	0437 111 636	mgriffin3140@hotmail.com

Scheme Operators

Brett Bennett	0457 700 590	brett.bennett@tasirrigation.com.au
Dean Anyon	0438 192 387	dean.anyon@tasirrigation.com.au

Calculating Flow Rate

An example of a 150 ML allocation over a 150-day season on working out the litres per second (LPS) flow rate: $ML / day \times 1000,000 / (24 \times 3600) = LPS$

$$150 / 150 \times 1,000,000 / (24 \times 3600) = 11.6 \text{ L/s}$$

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: