



Jan Juc
Groundwater Management Area
Local Management Plan
Version 1

April 2023

Version Control

Version	Change summary	Date
1	Removed from previous Catchment Statement and presented as a standalone Local Management Plan for Jan Juc GMA. Minor administrative changes included.	April 2023

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Purpose of this document

This Local Management Plan documents the current management arrangements for the Jan Juc groundwater management area (GMA). The objective of the plan is to ensure the equitable sharing and long-term sustainability of the groundwater resource.

The plan aims to clearly and simply explain how groundwater is managed in this area, this includes information on the boundaries and depth of the management area, the cap on total annual groundwater licensed volume, how groundwater licences can be accessed (via a trade of entitlement), and the metering requirements.

The Local Management Plan will be reviewed on an as needs basis. The aim of future reviews will be to improve existing management and where possible to make management less complex, while ensuring equitable sharing and long-term sustainability of the resource.



SIMON WILKINSON

General Manager Service Delivery

12 April 2023

Jan Juc GMA Local Management Plan

Objective of the Local Management Plan

The objective of the Local Management Plan is to make sure that the groundwater resources in the Jan Juc Groundwater Management Area (GMA) are managed in an equitable and sustainable manner.

Area description

Jan Juc GMA is shown below. The plan is lodged with the Central Plan Office, reference number LEGL./09-252.

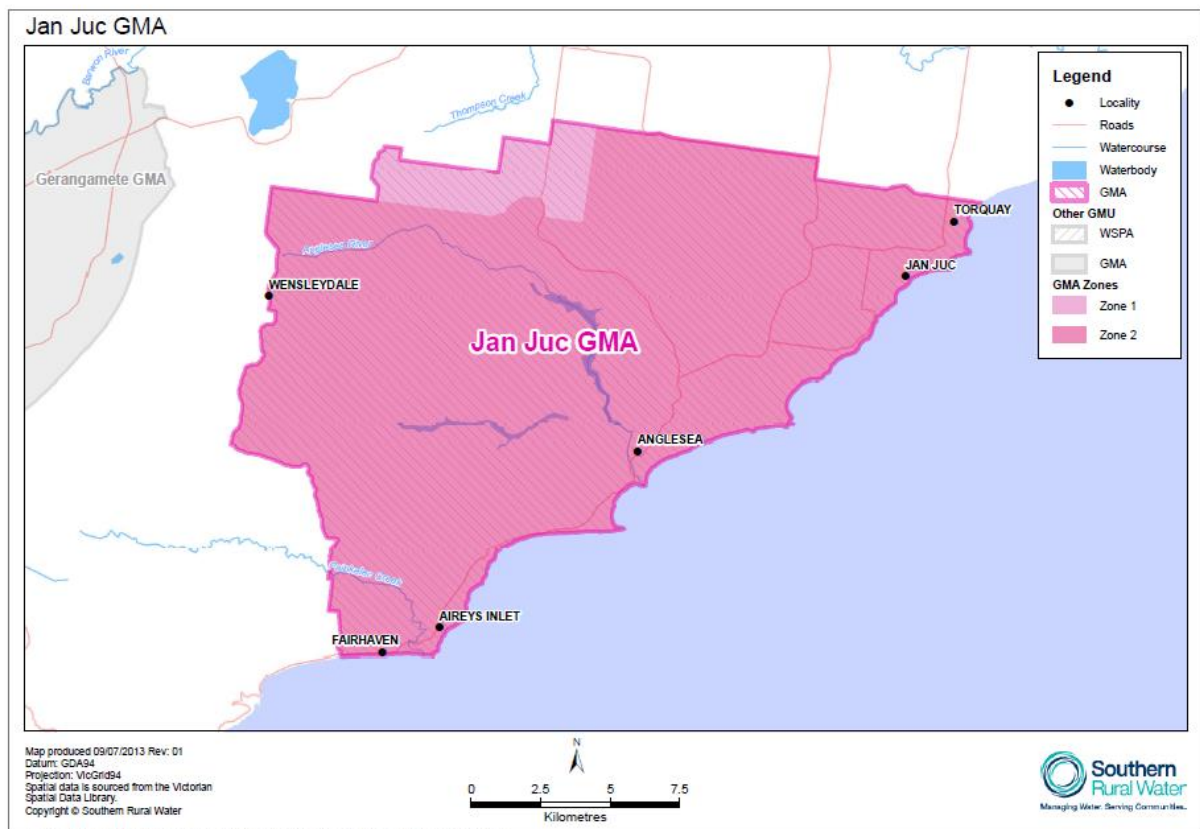


Figure 1: Map of Jan Juc Groundwater Management Area

Permissible Consumptive Volume

A Permissible Consumptive Volume (PCV) currently applies to the Jan Juc GMA. The PCV is a cap on the amount of groundwater allocated in this management unit. The PCV for Jan Juc GMA includes the Anglesea Bulk Entitlement Order for Barwon Water to supply groundwater to Geelong. The Order is available from the Victorian Water Register - <http://waterregister.vic.gov.au/Public/Reports/BulkEntitlements.aspx> (<http://www.gazette.vic.gov.au/gazette/Gazettes2009/GG2009S224.pdf#page=1>).

The PCV applies to the area covered in Figure 1, and is split by zone and depth criteria as listed below:

Zone 1: All formations below the surface 250 ML

Zone 2: Upper Eastern View Formation 4,000 ML

Zone 2 – Lower Eastern View Formation 35,000 in any five year period (see Anglesea Bulk Entitlement Order for further details)

Zone 2 – All formations below the surface other than the Lower Eastern View formation and the Upper Eastern View formation 0 ML

Water entitlements

The extraction of groundwater for purposes other than domestic and stock use is authorised under a groundwater licence. There are 2 groundwater licences in the Jan Juc GMA that authorise a total of 4,250 ML¹ from Zone 1 and Zone 2 (Upper Eastern View Formation).

Additionally, groundwater is authorised for use in Zone 2 (Lower Eastern View Formation) under a bulk entitlement for urban use for the township of Geelong. This is authorised by the Minister under Bulk Entitlement (Anglesea) Groundwater Order 2009. DELWP is responsible for administering the Bulk Entitlement.

The Bulk Entitlement allows Barwon Water to extract up to 7,000 ML in any one year; however the maximum volume that can be extracted over any period of five (5) years is 35,000 ML. The maximum daily volume that can be extracted is 40 ML/d.

The Barwon Water entitlement includes extensive conditions that cover the monitoring of water levels and salinity, water level decline, metering, subsidence, impacts on surface water, impacts on riparian vegetation, impacts on domestic and stock users and reporting. The Bulk Entitlement is administered by the Minister under the *Water Act 1989*.

Metered groundwater use is less than the total groundwater entitlements and varies each year according to the seasonal conditions. Entitlement holders must not take more than their annual licence volumes.

People have rights to take groundwater for domestic and stock use without a groundwater licence.

Restrictions

The PCV determines the maximum volume of water that can be extracted from the Jan Juc GMA; however, the Local Management Plan does not place specific restrictions on taking groundwater.

If necessary, SRW is able to temporarily qualify rights to groundwater under section 33AAA of the *Water Act 1989* if a water shortage occurs - for example, if regional drawdown is affecting access to groundwater by users.

¹ As of July 2020

Groundwater licences also allow SRW to restrict extraction if required - for example, to minimise the effect of extraction from specific sites if there is a significant impact on nearby users or the aquifer. If restrictions are necessary, SRW will notify licence holders in advance.

Trading

In considering an application to transfer a licence temporarily or permanently, SRW must thoroughly assess the application. An application to transfer a licence is not automatically approved. In deciding whether or not to approve an application, SRW must consider section 40 of the Act, including:

- Availability of water now and in the future;
- Adverse effects that an approval may have on existing users, on waterways and aquifers and on the environment; and
- Existing and projected water quality in the GMA.

When an application is made, SRW will assess whether groundwater extractions at the new site will cause adverse and material interference to any nearby groundwater user. If interference is likely, SRW may set transfer conditions to minimise interference, or it may refuse the application. Approval of an application to transfer may be subject to technical assessments to determine bore interference and impact on surface water bodies.

In the Jan Juc GMA:

- Permanent transfers are permitted
- Temporary transfers are permitted for a period of up to five years

New licences

New licences can be issued up to the PCV and in accordance with policies for managing take and use licences. The availability of any unallocated entitlement will be determined in accordance with State Policy on unallocated water.

Metering

Southern Rural Water meters new and existing groundwater users with an annual volume greater than 20ML². This allows SRW to keep track of how much water is being used and enables licence holders to keep within their allocated volume.

The meters are supplied by SRW, and the licence holder is responsible for paying the full cost of the meter and initial installation. The meter remains the property of SRW and SRW is responsible for maintenance and replacement.

Meters are read at least twice per year.

Meters are read at least twice per year. The Bulk Entitlement (Anglesea) Order 2009 stipulates specific metering requirements for Barwon Water.

² Except where metering is physically impractical, or where it is high risk from a health and safety perspective

Consultation

SRW will consult with licence holders and relevant stakeholders before making changes to the Local Management Plan, other than administrative changes or clarifications.

The Local Management Plan will be reviewed on an as needs basis.

Please note that changes to the Local Management Plan cannot affect the Barwon Water Bulk Entitlement.