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# Dethridge Irrigation Wheel and Water Channel



Dethridge Irrigation Wheel

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## Location

Fisken Street MADDINGLEY, MOORABOOL SHIRE

## Municipality

MOORABOOL SHIRE

## Level of significance

Included in Heritage Overlay

## Heritage Overlay Numbers

HO62

## Heritage Listing

Moorabool Shire

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## Statement of Significance

Last updated on - June 1, 1995

A characteristic irrigation wheel installed within the agricultural irrigation system over the Werribee and Lerderderg Rivers alluvial plain farmlands. They were invented by Charles Dethridge in c1923(?) This wheel is an example. The surviving system of channels and wheels in general are of local significance, for their association with the development of agriculture and for the influence of the reticulation of water on agriculture and housing development in Bacchus Marsh.

Heritage Study/Consultant	Moorabool - Bacchus Marsh Heritage Study 1995, Richard Peterson and Daniel Catrice, 1995;
Architect/Designer	Dethridge, Charles,
Hermes Number	116753
Property Number	

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## Physical Conditions

Excellent

## Intactness

Excellent

## Physical Description 1

Dethridge wheels consists of a rotating metal cylinder connected to an axel by pairs of spokes at points on both faces. The outer scoops fixed to the cylinder are simple gable section. The axel rests on a pre-cast concrete tank, which has

concrete cover slabs. A large number have been located in place in the municipality (refer:Map).

## Historical Australian Themes

Water

## Usage/Former Usage

USE: Agricultural irrigation.

*This place/object may be included in the Victorian Heritage Register pursuant to the Heritage Act 2017. Check the Victorian Heritage Database, selecting 'Heritage Victoria' as the place source.*

*For further details about Heritage Overlay places, contact the relevant local council or go to Planning Schemes Online <http://planningschemes.dpcd.vic.gov.au/>*