
SMITH DAM, 48 NERREMAN GATEWAY ELTHAM, NILLUMBIK SHIRE



Smith Dam Karingal Drive
Eltham Colour 1 - Shire of
Eltham Heritage Study 1992



Smith Dam Karingal Drive
Eltham Colour 2 - Shire of
Eltham Heritage Study 1992



Smith Dam Karingal Drive
Eltham Colour 3 - Shire of
Eltham Heritage Study 1992



175 - Smith Dam Karingal
Drive Eltham - Shire of
Eltham Heritage Study 1992



175 - Smith Dam Karingal
Drive Eltham 02 - Shire of
Eltham Heritage Study 1992



175 - Smith Dam Karingal
Drive Eltham 03 - Shire of
Eltham Heritage Study 1992

Location

48 NERREMAN GATEWAY ELTHAM, NILLUMBIK SHIRE

Municipality

NILLUMBIK SHIRE

Level of significance

Included in Heritage Overlay

Heritage Overlay Numbers

HO141

Heritage Listing

Statement of Significance

Last updated on - January 7, 2010

REVISED STATEMENT OF SIGNIFICANCE, CONTEXT, 2010

What is significant?

The c1940s dam, the adjacent bridge and the site to Karingal Drive and otherwise to a radius of 20 metres.

How is it significant?

The dam is technically and historically significant to the Shire of Nillumbik.

Why is it significant?

The dam is historically and technically significant because it features an unusual and innovative curved concrete wall designed by engineer D. B. Smith on his own property (Criteria B & H). Historically because the form of the dam reflects the transition from a mass concrete structure to a more highly stressed dam wall and because the abutments and associated water deflectors exemplify the quality of the dam which has no peer in the former Shire of Eltham (and probably the immediate region) (Criteria B & D).

BICK STUDY, 1992

This unusual 1940s curved concrete dam wall has significance as an innovative mid 20th century engineering structure designed by engineer D.B. Smith for his own use on his rural/property in Eltham. Its design reflects contemporary engineering practice of the time for a small dam, illustrating the transition from mass concrete structure to a more highly stressed dam wall. The abutments and associated water deflectors also exemplify the quality of this dam, which has no peer in the Shire (and probably the immediate region as well).

BASIS OF SIGNIFICANCE:

HISTORY

DEGREE OF SIGNIFICANCE: LOCAL SIGNIFICANCE

EXTENT OF SIGNIFICANCE:

DAM, ADJACENT BRIDGE AND SITE TO KARINGAL DRIVE AND OTHERWISE TO A RADIUS OF 20 METRES

Heritage Study/Consultant Nillumbik - Shire of Eltham Heritage Study, David Bick, 1992;

Construction dates 1940,

Hermes Number 63471

Property Number

Historical Australian Themes

FARMING

3.5.3 Developing agricultural technologies

3.11.1 Regulating waterways

3.11.5 Establishing water supplies

8.14 Living in the country and rural settlements

Usage/Former Usage

Original and Later Use: Dam

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/>