



**ADDENDUM TO THE REPORT ON AN
ARCHAEOLOGICAL SURVEY OF THE
ALKIMOS SEAWATER DESALINATION
PLANT (CW03474) AND INTEGRATED
TRUNK MAIN (CW03601) PROJECT
AREAS, WESTERN AUSTRALIA**

A report prepared for the Water Corporation

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Report submitted February 2023 to:

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- Mr Brad Goode – Brad Goode & Associates Pty Ltd (Managing Director/Senior Anthropologist)
- Mrs Leah Mackie – Brad Goode & Associates Pty Ltd (Research & Mapping Assistant)

Whadjuk Indigenous Land Use Agreement group representatives

- Mr Noel Morich Jr
- Mr Brendan Moore

DISCLAIMER

All of the information contained in this report is believed to be correct and accurate at the time it was recorded. The author does not take responsibility or accept any liability for errors or omissions contained in the report based upon information supplied by others.

Warning: This document may contain names, images or material that relates to deceased Aboriginal persons. Permission was sought and granted by the consulted informants to cite this information.

***Note:** This report, is an addendum to *Report of an Aboriginal Heritage Survey of the Proposed Alkimos Seawater Desalination & Ground Water Treatment Plants and Trunk Main to the Reservoir: Wanneroo, Western Australia* (Goode, Smith & O'Reilly 2022) and archaeological *Report on an Archaeological Survey of the Alkimos Seawater Desalination Plant (CW03474) and Integrated Trunk Main (CW03601) Project Areas, Western Australia* (O'Reilly 2022).

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MAPPING

Datum Used: GDA 1994 MGA Zone 50. Handheld GPS Unit Garmin 64 ST (+/- 10m)

GLOSSARY OF TERMS

AHA – Western Australian *Aboriginal Heritage Act 1972*
AHIS – Aboriginal Heritage Inquiry System
BGA – Brad Goode & Associates Pty Ltd
CHMP – Cultural Heritage Management Plan
DPLH – Department of Planning, Lands and Heritage
ILUA – Indigenous Land Use Agreement
NSHA – Noongar Standard Heritage Agreement
NTC – Native Title Claim
SWALSC – South West Aboriginal Land and Sea Council
The Consultant – Brad Goode & Associates Pty Ltd
The Proponent – Water Corporation
The Whadjuk – Whadjuk ILUA
Water Corp – Water Corporation

EXECUTIVE SUMMARY

The Water Corporation is currently proposing to desalinate seawater at Alkimos and use it in Perth's Integrated Water Supply Scheme to help meet the forecast growth in demand for water. The desalination plant at Alkimos will be connected to the Wanneroo Reservoir via a 33.5km pipeline. The Water Corporation is also proposing to drill a number of bores within the wider area around the proposed desalination plant. An archaeological survey of the Alkimos Seawater Desalination Plant and Integrated Trunk Main Project Areas was undertaken by Brad Goode and Associates Pty Ltd in January and February 2022.

In November 2022 the Water Corporation commissioned an archaeological survey of an alternate pipeline route for a section of the Alkimos Trunk Main. This alternate section is 3.34km long and generally not wider than 0.04km. It extends southwards from Coogee Road in the suburb of Mariginiup to the intersection of Caporn Street, Franklin Road and Rousset Road also in the suburb of Mariginiup.

The northern and southern ends of the alternate pipeline route abut parts of the Integrated Trunk Main Project Area that was previously surveyed in January and February 2022. Details of the results of the January and February 2022 survey are given in the *Report on an Archaeological Survey of the Alkimos Seawater Desalination Plant (CW03474) and Integrated Trunk Main (CW03601) Project Areas, Western Australia* (O'Reilly 2022).

The archaeological survey discussed in this report was undertaken to identify and record any Aboriginal archaeological sites that may be located within the alternate pipeline route survey area, in order that the Water Corporation and/or their contractors can avoid any disturbance to or impact upon them or, as required under Section 18 of the Western Australian *Aboriginal Heritage Act 1972*, seek the consent of the Minister for Aboriginal Affairs to proceed with activities that may disturb Aboriginal heritage sites.

The archaeological survey of the alternate pipeline route survey area included searches of the Aboriginal Heritage Inquiry System on the Department of Planning, Lands and Heritage (WA) website, to determine if any registered Aboriginal archaeological sites or 'other heritage places' that have an archaeological component, have been previously identified at positions that place them, or part of them, within any part of the survey area. In addition, searches were also made to determine if any previous archaeological surveys or investigations have been undertaken within any parts of the survey area as well as in its vicinity and the wider region around it. Sources of environmental information were also utilised before a systematic archaeological survey of the survey area were conducted.

As a result of research conducted by Brad Goode and Associates in December 2021 and January 2022, and a search of the Department of Planning, Lands and Heritage (WA) List of Registered Aboriginal Sites, it was established that **no** Aboriginal sites with an archaeological component have been registered at positions that place them or a part of them within any part of the alternate pipeline route survey area. In addition, searches of the Department of Planning, Lands and Heritage (WA) List of Other Heritage Places also established that **no** Other Heritage Places with an Aboriginal archaeological component have been identified at positions that place them within any part of the alternate pipeline route survey area.

The alternate pipeline route survey area was surveyed for Aboriginal archaeological sites by walking a series of transects that followed the general alignment of this area. These transects were undertaken by an archaeologist and Two Whadjuk ILUA Group representatives spaced not more than 10m intervals along the length of the survey area. Given the degree of surface visibility throughout and the intensity of coverage, it is considered that the archaeological survey of the alternate pipeline route survey area was sufficient to locate any Aboriginal archaeological sites present on the surface.

As a result of the archaeological survey of the alternate pipeline route survey area no Aboriginal archaeological sites were identified.

It is recommended that the results of the archaeological survey of the alternate pipeline route survey area be accepted and taken into consideration when the Water Corporation seek approval to construct that part of Alkimos Trunk Main, and associated activities, within this area.

It is recommended that, in the event of any artefactual material or skeletal material being discovered in the course of the construction of that part of Alkimos Trunk Main within the alternate pipeline route survey area, or any other activities, work stops while the Department of Planning, Lands and Heritage (WA) undertakes an investigation. In the case of skeletal material being uncovered, work must cease immediately and the Western Australian Police must be notified.

It is recommended that Water Corporation personnel and contractors be advised of their obligations under section 15 of the *Aboriginal Heritage Act 1972*, to report the discovery of any Aboriginal cultural material which may be uncovered in the course of their work or any other activities.