

21 AUG 2009

HOBART

Proposed Quarrying Activities at Six Mile Hill Quarry No. 3 (Mining Lease No.: 1879P/M), Rushy Lagoon, Northeast Tasmania



CULTURAL HERITAGE ASSESSMENT

Consulting Archaeologist: Chris Kaskadanis

Authors: Chris Kaskadanis and Joseph Brooke

Client: Roaring 40s (on behalf of Rushy Holdings Pty Ltd)

Report: Final (Version 3.0)

Date: 17 August 2009



Proposed Quarrying Activities at Six Mile Hill Quarry No. 3 (Mining Lease No.: 1879P/M), Rushy Lagoon, Northeast Tasmania

CULTURAL HERITAGE ASSESSMENT

Consulting Archaeologist: Chris Kaskadanis

Authors: Chris Kaskadanis and Joseph Brooke

Client: Roaring 40s (on behalf of Rushy Holdings Pty Ltd)

Report: Final (Version 3.0)

Date: 17 August 2009)

Sinclair Knight Merz
ABN 37 001 024 095
590 Orrong Road, Armadale 3143
PO Box 2500
Malvern VIC 3144 Australia
Tel: +61 3 9248 3100
Fax: +61 3 9500 1180
Web: www.skmconsulting.com

COPYRIGHT: The concepts and information contained in this document are the property of Sinclair Knight Merz Pty Ltd. Use or copying of this document in whole or in part without the written permission of Sinclair Knight Merz constitutes an infringement of copyright.

LIMITATION: This report has been prepared on behalf of and for the exclusive use of Sinclair Knight Merz Pty Ltd's Client, and is subject to and issued in connection with the provisions of the agreement between Sinclair Knight Merz and its Client. Sinclair Knight Merz accepts no liability or responsibility whatsoever for or in respect of any use of or reliance upon this report by any third party.



Executive Summary

Background

In June 2009, Sinclair Knight Merz Pty Ltd (SKM) was engaged by Roaring 40s (on behalf of Rushy Holdings Pty Ltd) to prepare a cultural heritage assessment for the proposed quarrying activities at the “Six Mile Hill” study area (aka Rushy Lagoon Quarry 3) (Mining Lease Number: 1879P/M) located 3 km north-northeast of Rushy Lagoon, in northeast Tasmania. The stone material proposed to be quarried is required for the Musselroe Wind Farm project to the north of Rushy Lagoon and currently under construction by Roaring 40s. The study area is located within the Municipality of Dorset Council.

Rushy Lagoon Quarry 3 is one of three cultural heritage assessments for proposed quarrying activities at Rushy Lagoon; the other two quarries are located at Cinderella Hill (Quarry 1 Mining Lease No.: 1866 P/M) and Bullocks Paddock 2 (Quarry 2 Mining Lease No.: 1867P/M); these assessments are presented in separate reports.

The Proponent

The proponent of the activity is Rushy Holdings Pty Ltd and the title of the block on which the proposed activity is located is in the name of Gladstone Milking Facilities Pty Ltd (ABN: 40 093 294 136), which is a wholly owned Rushy Holdings Pty Ltd subsidiary.

Results

Five transects were systematically surveyed during the archaeological survey (Figure 5-6 and Table 5-1). Average transect length was 145 m, total transect length was 724 m. Proposed Quarry Sites 1a and 1b is 18,955 sq. m in size; total survey coverage is estimated at 13,455 sq. m (< 71% of the total survey area). However, because of poor ground visibility recorded within both Sites 1a and 1b, total effective survey coverage is estimated at 2,413.75 (< 18% of the total survey area effectively surveyed).

Survey coverage is estimated to be 7,400 square metres; however, because of variable ground visibility, total effective survey coverage is estimated at over 5,512 square metres (nearly 75% of the entire quarry area effectively surveyed).

No Aboriginal sites were recorded during the survey. All of the mature native trees were inspected and there were no Aboriginal scarred trees recorded within the study area. There were no earth features such as mounds, hearths or exposed soil deposits identified during the survey.

SINCLAIR KNIGHT MERZ



No historical archaeological sites or features were identified during the field assessment; nor were there any above-ground indications of potential sub-surface historical archaeological sites.

Management Recommendations

Aboriginal Cultural Heritage

- The results of the cultural heritage field assessment indicates that there is very low potential for the presence of subsurface Aboriginal cultural heritage to be located within the proposed Six Mile Hill Quarry Sites 1a and 1b (Mining Lease No.: 1879 P/M) (impact zone); and,
- No further Aboriginal archaeological investigation in the way of a subsurface sampling strategy is required.

Discovery of Aboriginal 'Relics' during the Activity

The contingencies below must be followed by the Proponent (and / or Proponent's Site Supervisor) in relation to the unexpected discovery of suspected Aboriginal 'relics' (**refer to Section 2.2**) during the proposed quarrying activities at the Six Mile Hill subject land:

1. In the event that suspected human remains are discovered call the Tasmanian Police immediately;
2. If suspected Aboriginal cultural heritage material (non-human remains) is identified during the activity, then following process must be undertaken:
 - a. The Site Supervisor and Aboriginal Heritage Tasmania (AHT) must be notified immediately;
 - b. Relevant works within 10m of the discovery must be suspended immediately and the relevant site extent should be isolated from further disturbance by safety webbing or other suitable barriers. The cultural material must not be removed;
 - c. AHT will inspect the site. If determined to be Aboriginal cultural material AHT will advise on appropriate management procedures, which may include the need for a Permit to Disturb (see below);
 - d. If a Permit to Disturb is needed, the Proponent will be required to follow the process summarised in Section 6.1.2. A Permit to Disturb application may take up to 6 weeks to process, and depending on the particular circumstances, the activity may not be able to continue in the specific location until a Permit is issued.



Permit to Disturb Aboriginal Sites

Any disturbance to Aboriginal sites, including remedial and re-vegetation works, will require a permit from the Minister of Environment, Parks, Heritage and the Arts under the *Aboriginal Relics Act 1975*. Any permit applications must be discussed with AHT prior to submission.

Permits may be issued subject to conditions, which will need to be fulfilled in order to ensure compliance with the *Aboriginal Heritage Act 1975*.

Historic Cultural Heritage

- No further non-Aboriginal (historical) archaeological investigation is required.

General Recommendations

If any historical archaeological sites or features are discovered during the proposed quarrying activities, the Site Supervisor must be notified immediately and all works within the uncovered historical site must stop immediately. The Site Supervisor must contact the Tasmanian Heritage Council immediately, and the area assessed by the Heritage Council and / or an appropriately qualified historical archaeologist.

Objects, artefacts, materials and other 'moveable heritage' historical relics are not provided protection under the Act unless considered 'referenced' or associated with a historically significant place, site or building on the Heritage Register. Places on the Heritage Register and Heritage Areas are protected by the *Historic Cultural Heritage Act 1995* (Part 5, Section 30(1)) only in so far that:

- a) A person must not carry out works within a heritage area which may affect the historic cultural heritage significance of that area unless –
 1. The Heritage Council has granted an exemption under Section 31; or
 2. The works are approved under Part 6.

The Act provides sanctions for non-compliance including fines, though the objective of the Act is directed toward protection rather than penalisation.



Acknowledgements

Mr Steve Gall (Manager – Aboriginal Heritage Tasmania)

Mr Michael Jones (Operations Manager – Aboriginal Heritage Tasmania)

Mr Don Ranson (Research Archaeologist – Aboriginal Heritage Tasmania)

Mr Rodney Moore (Manager – Rushy Holdings Pty Ltd)

Mr Bass Gamlin (Project Manager – Roaring 40s)