

Roadkill Monitoring Report –  
September to December 2013

# Tarkine Drive Upgrade



January 2014

## *Tarkine Drive – Roadkill Monitoring Report – September to December 2013*

This report details the results of roadkill monitoring activities for the Tarkine Drive over the final three month period of 2013. The Commonwealth Government has approved the project to proceed in line with a number of environmental conditions approved under the *Environment Protection and Biodiversity Conservation Act 1999*. Condition 11 of this approval requires that DIER publish a roadkill monitoring report every three months, as part of the *Roadkill Monitoring Adaptive Management Plan* (RMAMP), which details the results of monitoring activities. The publishing of this report precedes the completion of the RMAMP.

Tarkine Drive, a 92.7km road, is monitored daily for signs of roadkill (see *Image 1* below). During the construction upgrade works, the road will remain accessible to local residents, tourists and industry.

As such, all roadkill data recorded for this current period is not directly associated with construction activities and is a reflection of normal road use activity. No Tasmanian devils, or other fauna species, were impacted by construction vehicles involved in this project (see table in *Appendix A*).

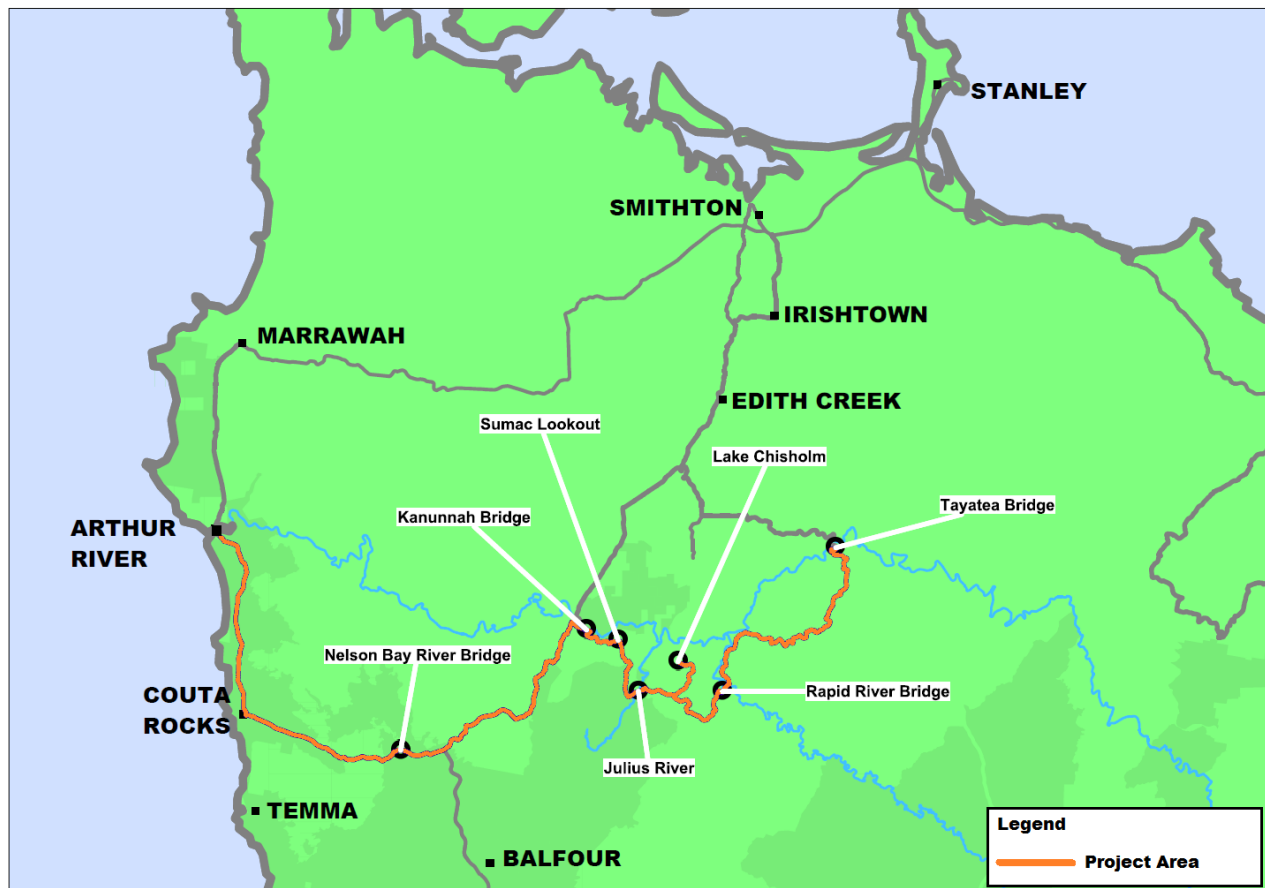


Image 1. Map of project area.

Data collected as part of these monitoring activities are based on pre-defined criteria. These criteria are:

- Date and time of identification;
- Location (GPS coordinates);
- Species identified (all species are to be recorded);
- Body condition; and
- Any other notable circumstances.

Monitoring results for this three-month period are detailed in appendices at the end of this report. Fourteen animals were recorded as roadkill as a result of normal vehicle movements; of these, four were threatened species (see table in *Appendix B*).

Roadkill is an issue of particular concern for the area, and as such, a number of measures are being implemented as part of the construction project to minimise total roadkill numbers. These measures include:

- Reduced speed limits;
- Use of light-coloured pavement in the road surface to improve visibility;
- Rumble strips (audible lines to help deter animals from the road);
- Wildlife warning signs; and
- Regular monitoring and removal of roadkill to prevent other scavenger animals being attracted to the road.

Various mitigation measures have already been implemented as part of the road upgrade, and are displayed on the map in *Appendix C*. Following the completion of the RMAMP, should total numbers of roadkill be found to be increasing, additional mitigation measures will be installed.

## Appendix A: Table of Results – Construction Vehicle Activity

## Roadkill Counts from Construction Vehicle Activity

EPBC Species Register: Q4 2013\*

[illegible]

\*commences 16/9/2013 (beginning of works) until 19/12/2013.

## Appendix B: Table of Results – Normal Vehicle Activity

## Roadkill Counts from Normal Vehicle Activity

EPBC Species Register: Q4 2013\*

[illegible]

\*commences 16/9/2013 (beginning of works) until 19/12/2013.

## Appendix C: Map of Roadkill Locations and Installed Mitigation Measures





Data sources:  
 Base image by TASMAP (C) State of Tasmania  
 Base data from The LUST (C) State of Tasmania  
 Heritage data from CHMA  
 Design data from pitt&sherry  
 Map produced by pitt&sherry Date: 25/05/2012  
 Map ref: HB09080\_H038\_PER\_Fig2\_Projects\_12P\_RevA

0 1 2 3 4 5 Kilometres

Scale: 1:125,000 Map Projection: GDA 1994 MGA Zone 55

**Roadkill**  
 ● - Threatened Species  
 ● - Non-Threatened Species

**Mitigation Installed**  
 ■ - Rumble Strips  
 ○ - Light-Coloured Pavement

DEPARTMENT OF INFRASTRUCTURE, ENERGY & RESOURCES

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