

Roadkill Monitoring Report –
July to September 2014

Tarkine Drive Upgrade



October 2014

Tarkine Drive – Roadkill Monitoring Report – July to September 2014

This report details the results of roadkill monitoring activities for the Tarkine Drive over the third three-month period of 2014, and is the fourth report in total. 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 the Department of State Growth 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 *Appendix A*).

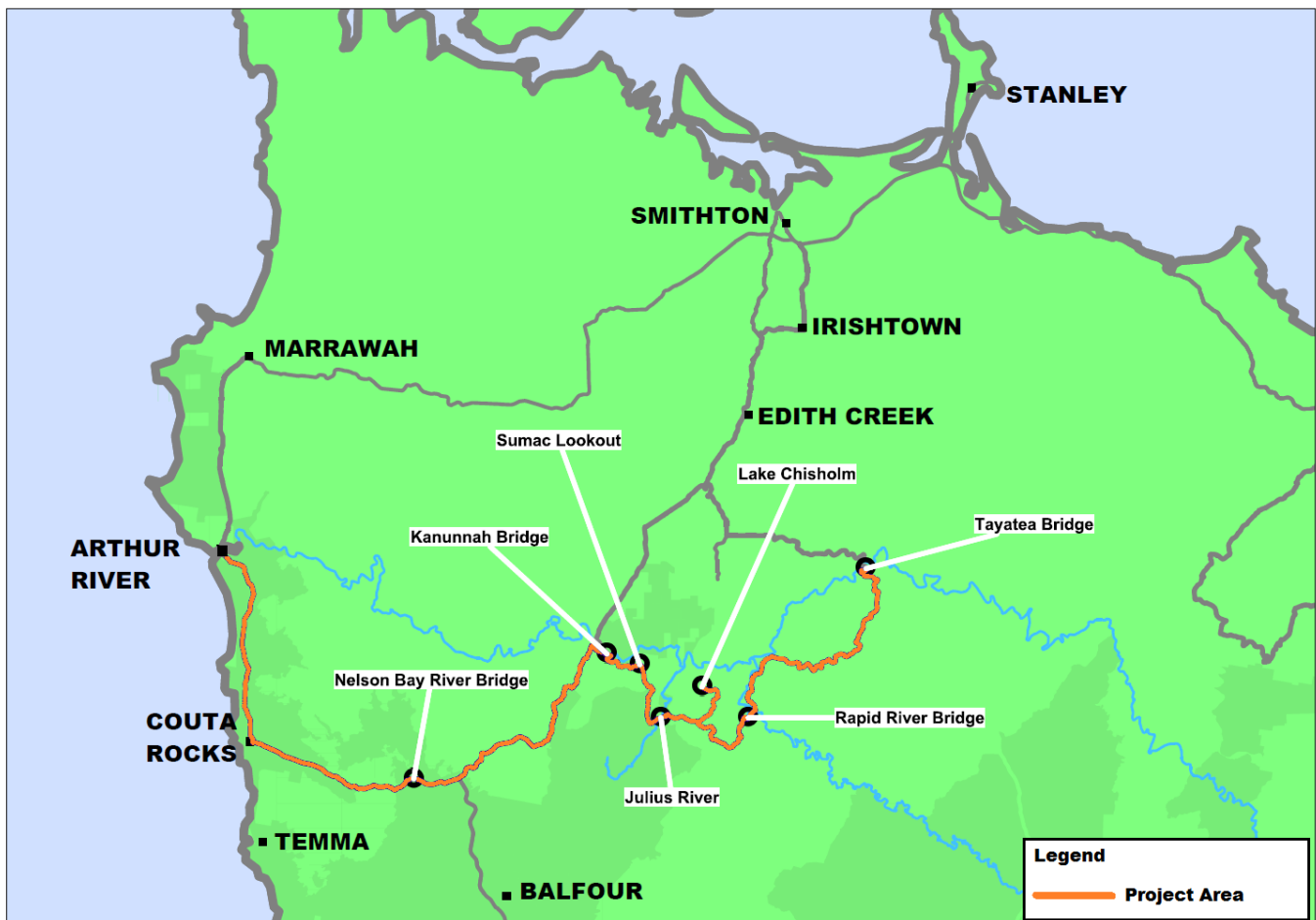


Image 1. Map of project area.

Data collected as part of these monitoring activities is 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. Two animals were recorded as roadkill as a result of normal vehicle movements; neither of these were threatened species (see table in *Appendix B*). This is consistent with numbers from the previous reporting period and is reflective of the normal seasonal cycle of animal activity in this area; these numbers are consistent with modelling developed prior to construction commencing.

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 implemented.

Appendix A: Table of Results – Construction Vehicle Activity

Roadkill Counts from Construction Vehicle Activity


EPBC Species Register: 1 April to 30 June 2014

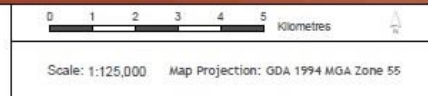
Date	Recording Time	GPS Coordinates	Species Identified	Body Condition Score	Notable Circumstances
Nil recordings made					
Total					0

Appendix B: Table of Results – Normal Vehicle
Activity

Appendix C: Map of Roadkill Locations and Installed Mitigation Measures




 Data sources:
 Base image by TASMAR (C) State of Tasmania
 Base data from The LIST (C) State of Tasmania
 Heritage data from CHWA
 Design data from pitt&sherry
 Map produced by pitt&sherry Date: 25/05/2012
 Map ref: H809080_H038_PER_Fig2_Projects_T2P_RevA



- | | |
|---|---|
| Roadkill
<ul style="list-style-type: none"> ● - Threatened Species ● - Non-Threatened Species | Mitigation
<ul style="list-style-type: none"> ■ - Rumble Strips ○ - Light-Coloured Pavement |
|---|---|

DEPARTMENT OF INFRASTRUCTURE, ENERGY & RESOURCES
 Tarkine Drive - Progress Report - September to December 2013