

Oxley Highway to Kempsey EPBC 2012/6518

Condition 8 Annual Report 2024

Transport for NSW (TfNSW) | October 2024



Document control

Report name	Oxley Highway to Kempsey EPBC 2012/6518 Condition 8 Annual Report 2024
Revision number	1
Publication Oct 2023	https://www.pacifichighway.nsw.gov.au/document-library/oxley-highway-to-kempsey-upgrade-epbc-compliance-reports

Revision history

Revision	Date	Description	Approval
1	August 2024	Draft v1	TfNSW

Contents

1	Introduction	4
1.1.	Purpose of this document.....	4
1.2.	Project staging	4
1.3.	Modifications to the Conditions of Approval.....	4
2	Conditions of Approval.....	5
2.1.	Condition 1	5
2.2.	Condition 2.....	5
2.3.	Condition 3.....	6
2.4.	Condition 4.....	7
2.5.	Condition 5.....	8
2.6.	Condition 6.....	9
2.7.	Condition 7.....	10
2.8.	Condition 8.....	10
2.9.	Condition 9.....	11
2.10.	Condition 10	11
2.11.	Condition 11.....	12
2.12.	Condition 12	12
2.13.	Condition 13	12
2.14.	Condition 14	13
2.15.	Condition 15	13
3	Ecological Monitoring Plan	14
	Appendix A: Ecological Monitoring Program Reports.....	17

1 Introduction

1.1. Purpose of this document

The purpose of this report is to address EPBC (2012/6518) Approval Condition 8, which requires the preparation of a report addressing compliance with each of the conditions of approval, including implementation of the:

- Biodiversity Offset Management Plan (BOMP)
- Flora and Fauna Management Plans (FFMP)
- Ecological Monitoring Plan (EMP).

This report covers the seventh period from 22 July 2023 to 21 July 2024.

The timing for compliance with certain approval conditions is linked to specific dates as follows:

- Date of the approval decision under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999* – 24 January 2015
- Commencement of the action – 22 July 2014
- Expiry of Commonwealth approval – 31 December 2063

1.2. Project staging

The Oxley Highway to Kempsey Pacific Highway Upgrade project has been constructed in three main stages:

- Stage 1: The Sancrox Traffic Arrangement works located about two kilometers north of the Oxley Highway / Pacific Highway intersection. Note that the construction of Stage 1 was completed in November 2015
- Stage 2: Kundabung to Kempsey (K2K) consisting of about 14 kilometers of dual carriageway, commencing north of Barry's Creek near Kundabung (chainage 24,000) and connecting to the Kempsey Bypass at Stumpy Creek (Chainage 37,800). Note that construction of Stage 2 was completed in October 2017
- Stage 3: Oxley Highway to Kundabung (OH2Ku) consisting of about 24 kilometres of dual carriageway, commencing just north of the Oxley Highway / Pacific Highway intersection (chainage 700), and connecting with the Kundabung to Kempsey stage just north of Barry's Creek (chainage 24,000). Note construction of Stage 3 was completed in March 2018.

In addition, there is an ultimate upgrade to the four lane Class M (motorway) standard highway. Due to estimated traffic volumes and availability of funding some sections of the Project will initially be constructed and operated as a Class A (arterial) standard highway. Upgrade of those sections of the Project from Class A to Class M standard will occur when it is warranted by an increase in traffic volumes, and when funding becomes available.

1.3. Modifications to the Conditions of Approval

No modifications to the Conditions of Approval were approved during this reporting period.

2 Conditions of Approval

2.1. Condition 1

Condition 1

The person taking the action must not clear more than 211 hectares of Koala (*Phascolarctos cinerea*) habitat, 232 hectares of Grey-headed Flying-fox (*Pteropus poliocephalus*) habitat, 215 hectares of Spotted-tail Quoll (*Dasyurus maculatus*) habitat and 7.7 hectares of Giant-Barred Frog (*Mixophyes iteratus*) habitat within the project corridor of the proposed action.

Clearing for the three initial stages of the project (refer Section 1.2) is now complete. The clearing quantities for the first three stages against the limits outlined in Condition 1 are detailed in Table 1.

Table 1 Clearing quantities for the first three stages of the project

EPBC Species	Total estimated clearing	Total clearing	EPBC Limit Condition 1
Koala	196.8284	196.7656	211
Grey-headed flying fox	206.9144	206.8258	232
Spotted-tail Quoll	197.0330	196.2896	215
Giant-barred Frog	2.8512	2.8512	7.7

2.2. Condition 2

Condition 2

To assist in mitigating the impacts of the proposal on the Koala, Grey-headed Flying-fox, Spotted-tail Quoll and the Giant-Barred Frog during construction, the person taking the action must prepare and submit a Flora and Fauna Management Plan for each **stage** of the action, for the **Minister's** written approval prior to **commencement** of each **stage** of the action. The Flora and Fauna Management Plan for each **stage** must be approved by the **Minister** in writing prior to **commencement** of the relevant **stage**. These plans must include:

- Measures to be implemented to avoid, suppress and control the spread of weeds, plant pathogens and invasive species;
- Measures to avoid and minimise other indirect impacts that may result from the proposal during and after construction, including erosion and sedimentation;
- Measures to manage aquatic habitat on-site to at least maintain habitat values for the Giant Barred Frog;
- A detailed description of the pre-clearance surveys to be undertaken by a **suitably qualified expert** within all areas proposed for disturbance, including: hollow bearing trees, logs, existing culverts and bridges, no earlier than 48 hours prior to the removal of vegetation occurring in that area to ensure that the area is free of the Koala, Giant-Barred Frog, Grey-headed Flying-fox and Spotted-tail Quoll.

Condition 2

- e. Measures to relocate and/or ensure the **appropriate care of** individuals of the Koala, Giant-Barred Frog, Grey-headed Flying-fox and Spotted-tail Quoll that are identified during searches referred to in condition 2d; and
- f. Clear key milestones, monitoring, performance indicators, corrective actions and timeframes for the completion of all actions outlined in the plan.

A Flora and Fauna Management Plan has been prepared for each stage of the project. As at 21 July 2021, these plans were approved by the Minister on the following dates:

- | | |
|---------------------------------------|--|
| • Stage 1: Sancroix Interchange | 24 June 2014 |
| • Stage 2: Kundabung to Kempsey | 22 October 2014 (Revision 1)
15 November 2016 (Revision 2)
22 August 2019 (Revision 3) |
| • Stage 3: Oxley Highway to Kundabung | 10 October 2014 (Revision 1)
15 November 2016 (Revision 2)
22 August 2019 (Revision 3) |

Construction of these three stages was completed during the 2017/18 reporting period, along with a majority of requirements of each Flora and Fauna Management Plan. The Ecological Monitoring Program (Appendix to the Flora and Fauna Management Plan) continues to be implemented and is reported on below in Condition 4.

2.3. Condition 3

Condition 3

To assist in mitigating the impacts of the proposal on the Koala, Spotted-tail Quoll and the Giant-Barred Frog, the person taking the action must construct and maintain **fauna crossings** and **fencing** in all **areas that are likely to benefit** these species for the duration of the impact of the action.

- a. The **fauna crossings** must:
 - i. be **effective** for the Koala, Spotted-tail Quoll and/or Giant Barred Frog (the relevant species targeted to use the **fauna crossing**);
 - ii. provide dry passage up to a 1 in 100 year Average Recurrence Interval (ARI) event for **dedicated fauna crossings** and up to a one in 1 year 72 hour ARI event for **combined fauna crossings**;
 - iii. include a minimum of 11 **dedicated fauna crossings** and 30 **combined fauna crossings** for the project;
 - iv. not increase in length more than 10 per cent from the lengths provided in Schedule 2 of this notice, and not reduce in width and height from the values provided in Schedule 2 of this notice without the written consent of the **Minister**;
 - v. be bridges in **areas that are likely to benefit** the Giant-Barred Frog.
- b. If a change to the **fauna crossing** design is proposed that does not meet the parameters described in Condition 3a), the person taking the action must:
 - i. provide evidence to the **Minister** that these will remain **effective** for the Koala, Spotted-tail Quoll or Giant-Barred Frog

Condition 3

(as relevant for the **fauna crossing**) for the **Minister's** written approval prior to **commencement** of the **stage** relevant to that fauna crossing; or

- ii. provide written evidence to the **Minister** detailing how the resulting loss in connectivity will be compensated for with increased connectivity for the impacted species. This must be approved in writing by the **Minister**, prior to **commencement** of **stage 2** and **stage 3**.
- c. **Fencing** must be constructed at a minimum the locations identified in Schedule 3 of this notice.

The requirements of this condition were completed during the 2017/2018 reporting period. Please refer to the 2017/18 report for further detail on compliance with this condition.

2.4. Condition 4

Condition 4

Prior to **commencement of stage 2** and **stage 3** of the action, the **person taking the action** must submit an Ecological Monitoring Program for approval by the **Minister** that determines the effectiveness of the mitigation measures implemented as part of the project. The Ecological Monitoring Program must be approved in writing by the **Minister** prior to **commencement of stage 2** and **stage 3**, and must include:

- a. The baseline data collected from surveys undertaken by a **suitably qualified expert** on the Koala, Spotted-tail Quoll and Giant-Barred Frog within all habitat areas outside areas to be cleared of vegetation for the proposed action, that are likely to contain these species and that are likely to be adversely impacted by the action (as determined by a **suitably qualified expert**). The data must address the densities, distribution, habitat use and movement patterns of these species;
- b. The methodology to be implemented for the ongoing monitoring of road kill, the species densities, distribution, habitat use and movement patterns, and the use of **fauna crossing** during construction and operation of the action, including the timing, and duration of the methodology;
- c. Goals and performance indicators to measure the success of proposed **fauna crossings**, which must be specific, measureable, achievable, realistic and timely (SMART), and be compared against baseline data described in condition 4a)
- d. Details of contingency measures that would be implemented in the event of changes to densities, distribution, habitat use and movement patterns that are attributable to the construction or operation of the project.

Monitoring must continue until mitigation measures can be demonstrated to have been **effective** for the Koala, Spotted-tail Quoll, and Giant-Barred Frog.

Should monitoring associated with this condition demonstrate that the use of **fauna crossings** and/or **fencing** is not achieving its intended purpose or is having a detrimental effect upon Koala, Spotted-tail Quoll, and Giant-Barred Frog (as determined by **the Minister**), **the Minister** may require that the person taking the action implement alternative forms of mitigation and/or corrective actions to address the relevant impacts to Koala, Spotted-tail Quoll, and Giant-Barred Frog,. Such measures must be implemented as requested.

The Ecological Monitoring Program for the project was submitted to the Minister in a letter dated 29 April 2014 and approved by the Minister on 10 October 2014. Commencement dates for Stage 2 and Stage 3 were early to mid-November 2014.

An updated Ecological Monitoring Program for the project was submitted to the Minister on 3 May 2016 and approved by the Minister on 11 November 2016.

A third revision of the Ecological Monitoring Program for the project was submitted to the Minister on 3 April 2019 with a subsequent fourth revision submitted on 20 August 2019 and approved by the Minister on the 22 August 2019.

A fifth revision of the Ecological Monitoring Program was submitted to the Minister on 6 May 2022 and approved by the Minister on 30/05/2022.

The compliance status of the implementation of the Ecological Monitoring Program is detailed in Appendix A.

2.5. Condition 5

Condition 5

To compensate for the loss of 240 hectares of threatened species habitat the person taking the action must prepare and submit a Biodiversity Offset Management Plan (**BOMP**) for the **Minister's** written approval within 12 months of approval of the action. The BOMP must be approved in writing by the **Minister** within 12 months of approval of the action. The **BOMP** must include:

- a. the identification of the portions of the lands described as the "Proposed Biodiversity Offset Areas" in the Map at Schedule 1 of this notice that are necessary to achieve the outcomes required by the *Environmental Offsets Policy 2012* (or subsequent published revisions). This must include **offset attributes**, **shapefiles**, textual descriptions and maps to clearly define the location and boundaries of the offset area(s);
- b. the results of targeted field surveys within the offset sites (undertaken at any ecologically appropriate time of the year) to assess and describe habitat suitability and presence / absence of individuals in relation to the Koala, Grey-headed Flying-fox, Spotted-tail Quoll and Giant Barred frog;
- c. an assessment of the baseline population for the Koala, Spotted-tail Quoll, Giant-Barred Frog, and Grey-headed Flying-fox which are detected within the offset area during field surveys;
- d. a description of the current **quality** (prior to any management activities) of the offset area(s) identified in Condition 5a with reference to the Koala, Spotted-tail Quoll, Giant-Barred Frog, and Grey-headed Flying-fox;
- e. an assessment demonstrating how the offset area(s) achieve the outcomes required by the *Environmental Offsets Policy 2012* (or subsequent published revisions) and user guide;
- f. Should the offset sites identified in 5a not be sufficient to achieve the outcomes required by the *Environmental Offsets Policy 2012* (or subsequent published revisions) and user guide, as determined in writing by the **Minister**, the person taking the action must provide further suitable offset sites and include these as part of the **BOMP**;
- g. information about the Koala, Grey-headed Flying-fox, Spotted-tail Quoll, Grey-headed Flying-fox, and Giant Barred frog (in relation to ecology, biology and conservation status) to inform appropriate management actions;

Condition 5

- h. targeted management actions, regeneration and revegetation strategies to be undertaken on the offset area(s) to improve the ecological quality of these areas for the Koala, Grey-headed Flying-fox, Spotted-tail Quoll and Giant Barred frog
- i. clear performance objectives for management actions that will enable maintenance and enhancement of habitat within the offset area, as well as contribute to the better protection of individuals and / or populations of Koala, Spotted-tail Quoll, Giant-Barred Frog, and Grey-headed Flying-fox onsite;
- j. anticipated timeframes for achieving performance objectives.
- k. performance and completion criteria for evaluating the management of the offset area, including contingency actions, criteria for triggering contingency actions and a commitment to the implementation of these actions in the event that performance objectives are not met;
- l. a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria;
- m. details of who would be responsible for monitoring, reviewing, and implementing the **BOMP**.
- n. a description of funding arrangements or agreements including work programs and responsible entities;

The approved **BOMP** must be published on the NSW Roads and Maritime Services internet web site, within 1 month of the BOMP being approved.

The approved BOMP must be implemented.

The BOMP was first submitted to the Department of the Environment for the approval of the Minister in a letter dated 16 January 2015.

A revised version of the BOMP, taking into account comments received on the first version, was submitted on 14 April 2021 and again on 16 June 2021. The Department have advised TfNSW that they require the finalised management plan for the Paperbark Flora Reserve before they can approve the BOMP. TfNSW has received this from FCNSW and provided the plan to the Department on 27 June 2022. It was discussed and agreed that the Norton Site would be replaced by species credit for Giant Barred Frog from the Kalang Offset site. TfNSW has provided the final assessment report for Kalang Offset Site along with the EPBC Calculator for Giant Barred Frog.

TfNSW submitted the final BOMP with management plans as an appendix to the Department on 21st March 2024. The BOMP has been implemented.

Approval from the Minister remains outstanding.

2.6. Condition 6

Condition 6

If an offset site proposed as a part of Condition 5 is already required to be protected as a result of a separate EPBC Act approval, only the management actions which can be demonstrated to be additional to those required for the separate approval, can be considered as an offset for this project. The legal protection of the site and management measures required for a separate approval cannot be considered a part of the offset, in accordance with the *Environmental Offsets Policy 2012* (or subsequent published revisions).

This requirement has been noted as part of the preparation of the BOMP, required under Condition 5.

2.7. Condition 7

Condition 7

Within 12 months of approval of the Biodiversity Offset Management Plan (BOMP), the person taking the action must secure the offset area(s) identified in Condition 5a), under relevant conservation legislation. The legal instrument chosen must be registered on title, and must prevent any future development activities from occurring on the land protected, and ensure the active management of that land for the better protection of matters of national environmental significance for the duration of the impact of the action. Evidence of compliance with this condition must be provided to the **Department** within 30 days after the land(s) have been secured.

Approval from the Minister of the BOMP remains outstanding; as such compliance with this condition is not yet applicable.

2.8. Condition 8

Condition 8

Within three months of every 12 month anniversary of the **commencement** of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of the BOMP, Flora and Fauna Management Plans and Ecological Monitoring Plan as specified in the conditions. Documentary evidence providing proof of the date of publication must be provided to the **Department** at the same time as the compliance report is published. Noncompliance with any of the conditions of this approval must be reported to the **Department** within 2 business days of becoming aware of the non-compliance. At any time within the life of this approval the **Minister** may agree, in writing, that further reporting is not required if compliance with all requirements has been demonstrated to the **Minister's** satisfaction.

This report has been prepared to satisfy the requirements of this condition. Evidence of the date of publication will be provided to the Department when this report is published on the Transport for NSW project website.

The BOMP was first submitted to the Department of the Environment for the approval of the Minister in a letter dated 16 January 2015. The BOMP was re-submitted in April 2021 and June 2021. The Department advised TfNSW that they require the finalised management plan for the Paperbark Flora Reserve before they can approve the BOMP. TfNSW received this from FCNSW and provided the plan to the Department on 27 June 2022. It was discussed and agreed that the Norton Site would be replaced by species credit for Giant Barred Frog from the Kalang Offset site. TfNSW has provided the final assessment report for the Kalang Offset Site along with the EPBC Calculator for Giant Barred Frog.

Following consultation with the Department, TfNSW submitted the final BOMP with management plans as an appendix to the Department on 21st March 2024. Approval from the Minister remains outstanding.

A Flora and Fauna Management Plan has been prepared for each stage of the project. As at 21 July 2021, these plans were approved by the Minister on the following dates:

- Stage 1: Sancrox Interchange 24 June 2014
- Stage 2: Kundabung to Kempsey 22 October 2014 (Revision 1)
15 November 2016 (Revision 2)
22 August 2019 (Revision 3)
- Stage 3: Oxley Highway to Kundabung 10 October 2014 (Revision 1)
15 November 2016 (Revision 2)
22 August 2019 (Revision 3)

Construction of Stage 1 was completed in November 2015. Construction of Stage 2 and Stage 3 was completed in October 2017 and March 2018 respectively.

With the exception of the Ecological Monitoring Programs included as Appendices, the Flora and Fauna Management Plans are construction documents and were closed out in the Annual Report submitted to the July 2017 - July 2018 reporting period.

Details of the implementation of the Ecological Monitoring Plan is provided in Section 3.

All previous reports, and this report once published, can be found at the following link:

<https://www.pacifichighway.nsw.gov.au/document-library/oxley-highway-to-kempsey-upgrade-epbc-compliance-reports>

2.9. Condition 9

Condition 9

Within 30 days after the **commencement** of the action, the person taking the action must advise the **Department** in writing of the actual date of **commencement**.

In a letter to the Department, dated 19 August 2014, Transport for NSW advised the Department of the actual date of commencement, being 22 July 2014.

2.10. Condition 10

Condition 10

The person taking the action must maintain accurate records substantiating all activities associated with or relevant to these conditions of approval, including measures taken to implement the **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans, and make them available upon request to the **Department**. Such records may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the **Department's** website. The results of audits may also be publicised through the general media.

TfNSW is maintaining accurate records for all activities relating to the conditions of approval, and the implementation of the BOMP, EMP and FFMPs. The potential audit by the Department is noted.

2.11. Condition 11

Condition 11

Upon the direction of the **Minister**, the person taking the action must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the **Minister**. The independent auditor must be approved by the **Minister** prior to the **commencement** of the audit. Audit criteria must be approved by the **Minister** and the audit report must address the criteria to the satisfaction of the **Minister**.

The requirements of this condition are noted. A direction from the Minister under Condition 11 has not been received by Transport for NSW during this reporting period.

2.12. Condition 12

Condition 12

1. If the person taking the action wishes to carry out any activity otherwise than in accordance with the **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans as specified in the conditions, the person taking the action must submit to the **Department** for the **Minister's** written approval a revised version of that Plan. The varied activity shall not commence until the **Minister** has approved the varied Plan in writing. The **Minister** will not approve a varied Plan unless the revised Plan would result in an equivalent or improved environmental outcome over time. If the **Minister** approves the revised Plan, that Plan must be implemented in place of the Plan originally approved.

Transport for NSW submitted an update to the Ecological Monitoring Plan to the Department for approval on 3 May 2016. The updated Ecological Monitoring Plan was also an appendix of the approved Kundabung to Kempsey and Oxley Highway to Kundabung Flora and Fauna Management plans. The EMP and FFMP updates were approved by the Minister on 15 November 2016.

A third revision of the Ecological Monitoring Program for the project was submitted to the Minister on 3 April 2019 with a subsequent fourth revision submitted on 20 August 2019 and approved by the Minister on the 22 August 2019.

A fifth revision of the Ecological Monitoring Program was submitted to the Minister on 6 May 2022 and approved by the Minister on 30/05/2022.

The BOMP has not yet been approved by the Department, and therefore the requirements of this condition are not yet applicable to this plan.

2.13. Condition 13

Condition 13

1. If the **Minister** believes that it is necessary or convenient for the better protection of listed threatened species and ecological communities to do so, the **Minister** may request that the person taking the action make specified revisions to the **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans, as specified in the conditions and submit the revised **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans for the **Minister's** written approval. The person taking the action

Condition 13

must comply with any such request. The revised approved **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans must be implemented. Unless the **Minister** has approved the revised **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans then the person taking the action must continue to implement the **BOMP**, Ecological Monitoring Plan and Flora and Fauna Management Plans originally approved.

Noted.

No requests from the Minister under Condition 13 were received by Transport for NSW in this reporting period.

2.14. Condition 14

Condition 14

If, at any time after 5 years from the date of this approval, the person taking the action has not **substantially commenced** the action, then the person taking the action must not substantially commence the action without the written agreement of the **Minister**.

Commencement of the action occurred on 22 July 2014.

2.15. Condition 15

Condition 15

Unless otherwise agreed to in writing by the **Minister**, the person taking the action must publish all plans referred to in these conditions of approval on their website. Each plan must be published on the website within 1 month of being approved.

The Flora and Fauna Management Plans for each stage are published at

- <https://www.pacifichighway.nsw.gov.au/document-library/sancrox-traffic-arrangement-flora-and-fauna-management-sub-plan>
- <https://www.pacifichighway.nsw.gov.au/document-library/oxley-highway-to-kundabung-upgrade-construction-environmental-management-plan-0>
- <https://www.pacifichighway.nsw.gov.au/document-library/kundabung-to-kempsey-upgrade-construction-environmental-management-plan>

The Ecological Monitoring Program and Annual compliance reports are published at

- <https://www.pacifichighway.nsw.gov.au/document-library/oxley-highway-to-kempsey-upgrade-ecological-monitoring-program-and-reports>
- <https://www.pacifichighway.nsw.gov.au/document-library/oxley-highway-to-kempsey-upgrade-epbc-compliance-reports>

3 Ecological Monitoring Plan

Table 2 outlines the monitoring requirements from the Ecological Monitoring Plan, relevant to matters of National Environmental Significance that were required to be conducted during the last reporting period.

This monitoring was conducted in accordance with the timing requirements outlined in Table 2. The reports including the results of these monitoring events and evaluation of the project's compliance with the performance indicators, have been included in Appendix A.

In some instances, monitoring of a particular species or mitigation measure requires several monitoring events throughout the year. In these instances, it is considered more informative to wait until all monitoring events have been conducted for that year, before reporting on the results. This allows analysis between seasons, further statistical analysis, etc to be conducted than if individual monitoring events are reported on.

Table 2 highlights monitoring completed to date, yet to be completed and the reports included as part of this Annual Compliance Report 2024.

Table 2 Ecological monitoring completed to date, yet to be completed and the reports included in Annual Compliance Report 2024.

Species monitored	Timing	Done/ yet to be done	Reporting
Koala	Spring/Summer	<p>Year 3 monitoring (2017) completed.</p> <p>Year 4 monitoring (2018) completed.</p> <p>Year 5 monitoring spring 2019 and summer 2019/20 completed.</p> <p>Year 6 monitoring undertaken spring 2020 and summer 2020/21 completed.</p> <p>Year 8 monitoring scheduled for spring 2022 and summer 2022/2023 completed.</p>	No further monitoring / reporting required.
Spotted-tailed Quoll	Autumn/winter	<p>Year 4 monitoring (2018) completed.</p> <p>Year 6 monitoring undertaken in autumn/winter 2020 completed.</p> <p>Year 8 monitoring scheduled for autumn/winter 2022 completed.</p>	No further monitoring / reporting required.
Giant Barred Frog	Spring, Summer and Autumn	<p>Year 3 monitoring (2017/18) completed.</p> <p>Year 4 monitoring (2018/19) completed.</p>	No further monitoring / reporting required.

Species monitored	Timing	Done/ yet to be done	Reporting
		<p>Year 5 monitoring spring 2019, summer 2019/20 and autumn 2020 completed.</p> <p>Year 6 monitoring undertaken spring 2020, summer 2020/21 and autumn 2021.</p> <p>Year 7 undertaken spring 2021, summer 2021/22 and autumn 2022 completed.</p> <p>Year 8 undertaken spring 2022, summer 2022/23 completed.</p>	
Road Kill	Weekly during October (spring), January (summer) and April (autumn) in Year 4, 5, 6 and 8	<p>Construction / post opening – July 2017 – June 2018 completed.</p> <p>Year 4 monitoring (2018/19) completed.</p> <p>Year 5 monitoring October 2019, January 2020 and April 2020 completed.</p> <p>Year 6 monitoring undertaken October 2020, January 2021 and April 2021 completed.</p> <p>Year 8 undertaken October 2022, January 2023 and April 2023 completed.</p>	No further monitoring / reporting required.
Fauna underpasses	Autumn and spring/summer year 4, 6 and 8	<p>Year 4 monitoring (2018/19) completed.</p> <p>Year 6 monitoring undertaken late autumn 2020, late spring /early summer 2020 completed.</p> <p>Year 8 monitoring scheduled for late autumn 2022, late spring /early summer 2022 completed.</p>	No further monitoring / reporting required.
Fauna Fence		<p>Year 4 monitoring autumn 2018 and spring/summer 2018/2019 completed.</p> <p>Year 6 monitoring undertaken autumn 2020 and spring/summer 2020/2021 completed.</p> <p>Year 8 monitoring undertaken autumn 2022 and spring/summer 2022/2023 completed.</p>	No further monitoring / reporting required.

Table 3 lists the title of each of the monitoring reports where each of the EPBC reporting requirements in Table 2 have been included in this annual report. These reports are available in Appendix A.

Table 3 EPBC monitoring reports in Appendix A

Species / aspects monitored	Report title in Appendix A
No further monitoring / reporting required.	No further monitoring / reporting required.

Appendix A: Ecological Monitoring Program Reports

Species / mitigation monitored	Report title
No further monitoring / reporting required.	No further monitoring / reporting required.