



**mainroads**  
WESTERN AUSTRALIA

# Roe Highway Extension Compliance Report

5 December 2020 – 4 December 2021

(EPBC 2009/5031)

# Document Approval

Rev.	Date	Prepared By	Reviewed by	Recommended by	Approved by
B	01/02/2022	S De Melo	L Kirchner	J Shaw	
Signature:					
0	03/02/2022	S De Melo	L Kirchner	J Shaw	

# Amendments

Revision Number	Revision Date	Description of Key Changes	Section / Page No.

# Declaration of Accuracy

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed



---

Full name (please print) Belinda Stopic

---

Position (please print) Project Director

---

Organisation (please print including ABN/CAN if applicable)

Main Roads Western Australia 50 860 676 021

---

Date 8 / 2 / 22

---

# Acronyms/Abbreviations

Acronym	Meaning
BR8	Building Roe 8
CAR	Compliance Assessment Report
DBCA	Department of Biodiversity Conservation and Attractions
the Department	Commonwealth Department of the Environment and Energy
DPaW	Department of Parks and Wildlife
EP Act	Western Australian <i>Environmental Protection Act 1986</i>
EPA	Environmental Protection Authority
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
MAC	Murdoch Activity Centre
Main Roads	Main Roads Western Australia
MDC	Murdoch Drive Connection
the Minister	The Minister of the Environment
MoU	Memorandum of Understanding
MRIA	Metropolitan Road Improvement Alliance
MS 1008	Ministerial Statement 1008
PDE	Proposal Development Envelope
PER	Public Environmental Review
WA	Western Australia

# Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>1</b>
1.1	Approval under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> .....	1
1.2	Purpose of this Report .....	1
<b>2</b>	<b>PROGRESS TO DATE.....</b>	<b>2</b>
<b>3</b>	<b>COMPLIANCE.....</b>	<b>3</b>
<b>4</b>	<b>NEW ENVIRONMENTAL RISKS .....</b>	<b>7</b>
<b>5</b>	<b>CONCLUSION.....</b>	<b>7</b>
<b>6</b>	<b>APPENDICES .....</b>	<b>7</b>
	Appendix A: Statement 1148 Compliance Assessment Report (2 July 2020 – 1 July 2021)	14

## List of Tables

Table 1	EPBC Approval Condition and Compliance Table .....	3
---------	--	---

## List of Figures

Figure 1	Project Area EPBC 2009/5031 .....	8
----------	-----------------------------------	---

# 1 INTRODUCTION

Main Roads has constructed the Roe Highway Extension to connect with Murdoch Drive. The proposal consists of the construction of a dual carriageway road with two lanes in each direction and all associated road connections, road furniture, lighting, drainage and structures.

Areas of the development envelope depicted in Figures 1a to 1f as Rehabilitation Zone are being rehabilitated. A Rehabilitation Management Plan (Roe 8 Cleared Areas) was prepared by the Rehabilitating Roe 8 Working Group and approved by the Minister for Transport. The portion of the project area to the east of Bibra Drive is the location of the works for the Murdoch Drive Connection. Construction and operation of the MDC is fully contained within the approved proposal development envelope (PDE). The proposed extent of the clearing within the PDE has since been updated via a Section 45c, reducing the amount of native vegetation required to be cleared. The Section 45c was requested by Main Roads in line with the State Government's election commitment. This resulted in an amendment to only connect Roe Highway to Murdoch Drive and not Stock Road. The changes to the proposal have reduced the area of the construction zone to 88.8 ha. The western end of the PDE, a total of 85.8 ha, is now a rehabilitation zone and has been removed from the construction footprint. A Rehabilitation Management Plan is now in place for this zone, with previously cleared areas being rehabilitated.

The action is located approximately 14 km south of Perth within the Swan Coastal Plain Bioregion. The action is largely contained within the City of Cockburn, however, parts of the design extend northward to the City of Melville along Murdoch Drive and the Kwinana Freeway.

Main Roads submitted a Section 46 application to amend the Ministerial Statement conditions to align with the revised project. The new Ministerial Statement 1148 was approved on 6 August 2020.

## 1.1 Approval under the *Environment Protection and Biodiversity Conservation Act 1999*

Roe Highway Extension was assessed by the Commonwealth Department of the Environment and Energy (the Department) under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) after it was referred by Main Roads on 22 June 2009, as the action impacts listed threatened species and communities and listed migratory species. Approval under the EPBC Act was issued on 21 October 2015 with conditions (EPBC 2009/5031).

MDC has proceeded in accordance with the conditions in EPBC 2009/5031. A variation to the conditions for EPBC Approval 2009/5031 was approved on 7 February 2021.

## 1.2 Purpose of this Report

This report has been produced to meet the requirements of Condition 12 of the approval under the EPBC Act. It namely addresses compliance with approval conditions and implementation of any management plans and strategies as specified within the approval.

This is the fourth annual report prepared by MRIA on behalf of Main Roads to fulfil this condition and covers 5 December 2020 to 4 December 2021.

## **2 PROGRESS TO DATE**

The action commenced on 5 December 2016 with native vegetation clearing commencing on 19 December 2016. Construction was completed in April 2020 and entered a post-construction phase in May 2020.

The total area of black cockatoo habitat cleared over the duration of the project was 36.061 ha.

### 3 COMPLIANCE

Table 1 EPBC Approval Condition and Compliance Table

Condition Number / Reference	Condition	Is the action compliant with this condition?	Evidence / Comments
1	In order to minimise impacts to threatened species and communities and migratory species, the approval holder must adhere to the clearance limits outlined in the WA approval condition 1-1 and not clear more than 36.061 ha of black cockatoo habitat.	Compliant	No clearing has occurred outside the clearance limits outlined in the WA approval condition 1-1. Refer to Figure 1.
2	Revoked	Compliant	
3	In order to minimise impact to black cockatoos and migratory species outside the clearance limits specified in Condition 1, the approval holder must undertake the action in accordance with WA approval condition 5-1(3).	Compliant	All actions have been undertaken in accordance with WA approval condition 10-1 to minimise impacts to black cockatoos and migratory species outside the 'zone of indirect impacts'. This has been done through the implementation of WA approval conditions 10-2 to 10-9. The latest CAR was submitted for the 2 July 2020 – 1 July 2021 period (Appendix A).

Condition Number / Reference	Condition	Is the action compliant with this condition?	Evidence / Comments
4	<p>To avoid and mitigate impacts to black cockatoos, during the breeding season (August - December), within 7 days prior to clearing, the approval holder must ensure all potential nesting trees are investigated to detect the presence of black cockatoos using hollows. The investigation must be undertaken by a suitably qualified and experienced person.</p> <p>If any black cockatoos are detected using a hollow in a tree or trees, the approval holder must:</p> <ol style="list-style-type: none"> <li>1. Clearly identify all such trees with fencing and signage that must be located within two (2) metres of the base of each such tree;</li> <li>2. Not clear any such tree or any vegetation within 10 metres of any such tree; and</li> <li>3. Undertake all reasonable measures to avoid any such tree from being cut down, felled, removed, killed, destroyed, poisoned, ring-barked, uprooted or burned until a suitably qualified and experienced person has verified in writing that the hollow(s) in each such tree are no longer being used by black cockatoos.</li> </ol>	Compliant	<p>The potential black cockatoo breeding trees identified within the action area were inspected by a suitably qualified person prior to clearing.</p> <p>No black cockatoo nesting trees were cleared in this audit period.</p>
5	<p>In order to minimise impacts to threatened species and communities, and migratory species, the approval holder must develop and implement all Plans or Surveys, in accordance with the requirements of WA approval conditions 5-1 to 5-5.</p>	Compliant	<p>The following Plans and Surveys have been prepared and continue to be implemented in accordance with the WA approval conditions:</p> <ul style="list-style-type: none"> <li>• Drainage Management and Monitoring Plan</li> <li>• Wetlands Monitoring and Management Plan</li> <li>• Baseline Flora and Vegetation Condition Survey</li> </ul> <p>There were no non-compliances recorded against these management plans. Please refer to the CAR in Appendix A for details.</p> <p>For further information and evidence regarding compliance against each of the Plans and Surveys refer to the annual CAR prepared to review compliance against the WA approval conditions. The latest CAR was submitted for the 2 July 2020 – 1 July 2021 period, provided in Appendix A.</p>

Condition Number / Reference	Condition	Is the action compliant with this condition?	Evidence / Comments
6	The approval holder must provide a copy of all CEO approved (or varied) Plans or Surveys specified in Condition 5 to the Department within 20 business days of the Plan or Survey having been approved (or varied) by the CEO.	Compliant	No Plans or Surveys were varied or approved during the reporting period.
7	To offset the loss of black cockatoo habitat, prior to commencement, the approval holder must provide the Department with written evidence that funds have been provided to the DPAW for the acquisition of an environmental offset property. Within five years of commencement, the approval holder must provide offset attributes and a shapefile for the offset property which clearly specifies the location and boundaries of at least 239 ha of black cockatoo habitat which is providing an offset for the action.	Closed in 2017 compliance report	No evidence required.
8	Within 12 months of the commencement of the action, the approval holder must provide the Department with written evidence, including certificates of title, that the offset property has been transferred to the State of Western Australia for the purpose of addition to the conservation estate.	Closed in 2017 compliance report	No evidence required.
9	Within 5 years of the commencement of the action, the approval holder must provide funds to DPAW to assist in the management of the offset property following the transfer of the land as described in condition 8. The funding must be adequate for DPAW to maintain the quality of black cockatoo habitat within the offset property for at least 20 years. The approval holder must consult with DPAW, in determining the amount of necessary funding to achieve the aims of this condition. Once the funding has been provided to DPAW, the approval holder must provide written evidence of this to the Department.	Closed in 2017 compliance report	No evidence required.
10	Any survey data collected for the action must be collected and recorded so as to conform to a reasonable standard such that it can be readily used by a third party or to data standards notified from time to time by the Department. When requested by the Department, the proponent must provide to the Department all species and ecological survey data and related survey information from ecological surveys undertaken for matters of national environmental significance. This survey data must be provided within 30 business days of request, or in a timeframe agreed to by the Department in writing. The Department may use the survey data for other purposes.	Compliant	All surveys and survey data were collected and recorded by suitably qualified persons to a reasonable standard. The Department has not requested survey data or information to date.

Condition Number / Reference	Condition	Is the action compliant with this condition?	Evidence / Comments
11	Within 10 business days after the commencement of the action, the approval holder must advise the Department in writing of the actual date of commencement.	Closed in 2017 compliance report	No evidence required.
12	Within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any Plans or Surveys as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published. The approval holder must continue to publish the report until such time as agreed in writing by the Minister.	Compliant	This report fulfils the requirement under Condition 12 for an annual report.
13	Upon the direction of the Minister, the approval holder 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 agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister.	Compliant	The Minister has not given direction for an independent audit to be undertaken to date.
14	If, at any time after 5 years from the date of this approval, the approval holder has not substantially commenced the action, then the approval holder must not substantially commence the action without the written agreement of the Minister.	Closed in 2017 compliance report	No evidence required.
15	The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the Plans or Surveys required by this approval, 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.	Compliant	The MRIA team and Main Roads operate under a management system accredited to ISO14001 and as such maintain accurate records of all activities relevant to the conditions of approval. The Department has not requested any records or conducted any audits of the action.
16	Unless otherwise agreed to in writing by the Minister, the approval holder must publish all Plans or Surveys referred to in these conditions of approval on their website. Each management plan must be published on the website within 1 month of being approved.	Compliant	All required management plans are published on the Main Roads website while the project is under construction. <a href="https://www.mainroads.wa.gov.au/community-environment/environment/construction-project-reports/">https://www.mainroads.wa.gov.au/community-environment/environment/construction-project-reports/</a>

## 4 NEW ENVIRONMENTAL RISKS

No new environmental risks were identified during the reporting period.

## 5 CONCLUSION

Construction of the MDC was completed in April 2020. The post-construction phase began in May 2020, which includes the management and monitoring of drainage, wetlands and flora and vegetation. The action was compliant with Condition 5 and fully compliant with all remaining applicable conditions under the EPBC Act approval. Ongoing compliance for this action will be in accordance with the “Variation of conditions attached to approval Roe Highway Extension, Kwinana Freeway to Stock Road WA (EPBC 2009/5031)” as approved on 7 February 2021.

## 6 APPENDICES

Appendix	Title
<b>Appendix A</b>	Statement 1148 Compliance Assessment Report (2 July 2020 – 1 July 2021)



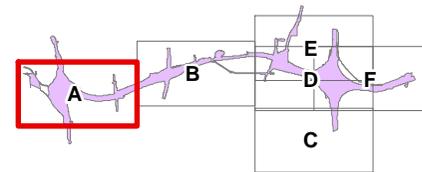
PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Rehabilitation Zone  
**Previously cleared**  
 Under Roe 8



DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994  
 0 75 150 225 300  
 metres  
 1:7,500 when printed at A4



Data sources: Landgate Slip Imagery ©

Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

Main Roads Western Australia

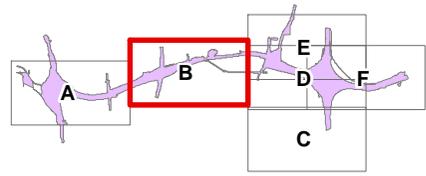
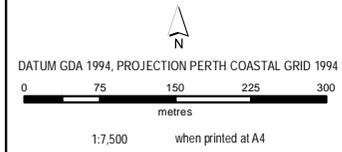
Figure  
**1A**



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Rehabilitation Zone  
**Previously cleared**  
 Under Roe 8

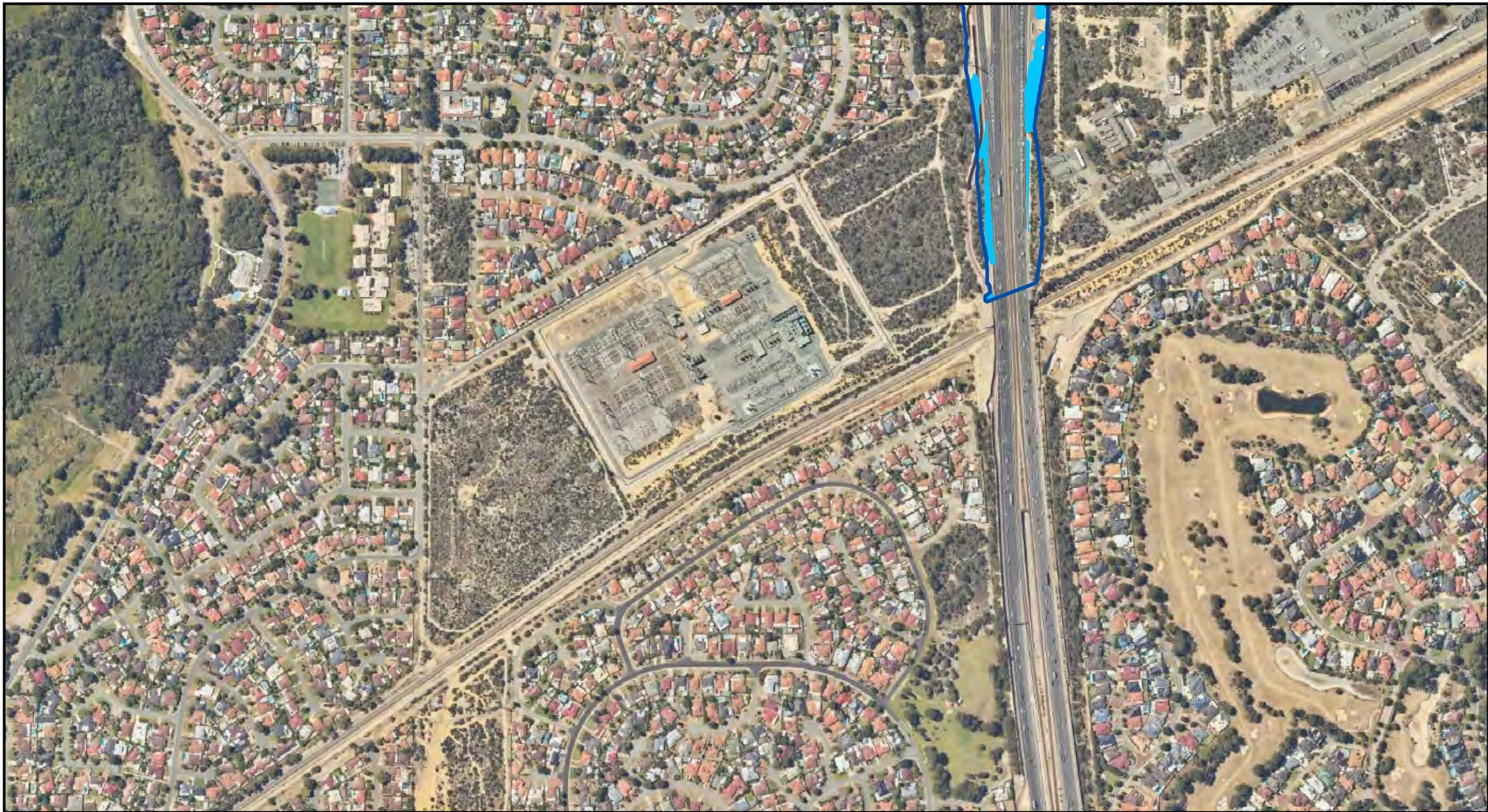


Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

**Main Roads Western Australia**

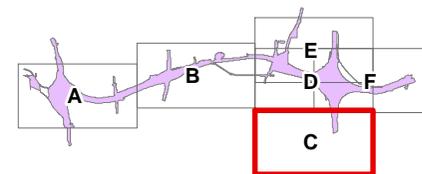
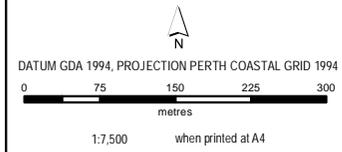
Figure  
**1B**



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Construction and Operation Zone  
 Previously cleared  
 Under Murdoch Drive Connection



Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

Main Roads Western Australia

Figure  
 1C



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021

**MR**  
**IA** Metropolitan Road Improvement Alliance

DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994

0 75 150 225 300 metres

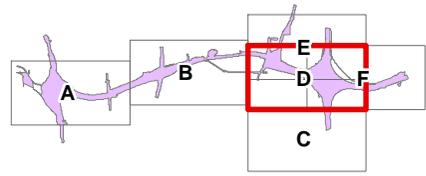
1:7,500 when printed at A4

**LEGEND**

- Construction and Operation Zone
- Rehabilitation Zone

**Previously cleared**

- Under Roe 8
- Under Murdoch Drive Connection



Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

**Main Roads Western Australia**

**Figure**  
**1D**

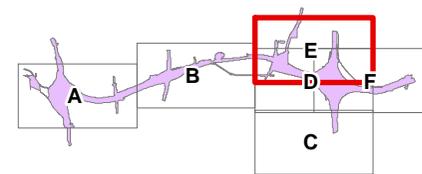
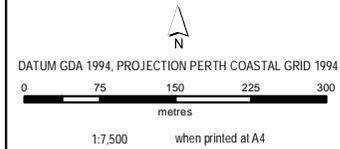


PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**

- Construction and Operation Zone
- Rehabilitation Zone
- Previously cleared**
- Under Roe 8
- Under Murdoch Drive Connection



Data sources: Landgate Slip Imagery ©

Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

Main Roads Western Australia

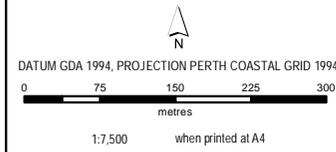
Figure  
 1E



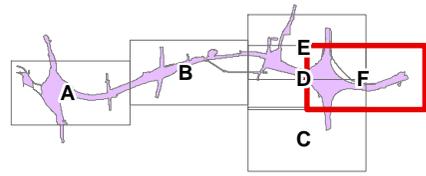
PROJECT ID 60478410  
 CREATED BY KN  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Construction and Operation Zone  
**Previously cleared**  
 Under Roe 8  
 Under Murdoch Drive Connection



DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994



Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas EPBC 2009/5031**  
**Reporting period**  
**5 Dec 2020 - 4 Dec 2021**

**Main Roads Western Australia**

Figure  
 1F

**Appendix A: Statement 1148 Compliance Assessment Report (2 July 2020 – 1 July 2021)**



Australian Government



mainroads  
WESTERN AUSTRALIA

**BUILDING OUR FUTURE**

# Roe Highway Extension to Murdoch Drive

Compliance Assessment Report – Statement 1148  
3 July 2020 – 2 July 2021

# Contents

1.0	Introduction .....	3
1.1	Background .....	3
1.2	Purpose and scope .....	3
1.3	Proponent Details .....	4
2.0	Current Status .....	5
2.1	Works to Date.....	5
2.2	Works to Date.....	5
3.0	Audit Plan .....	7
3.1	Purpose and Scope.....	7
3.2	Audit Period .....	9
3.3	Audit Criteria.....	9
3.4	Methodology .....	9
3.5	Terminology .....	9
4	Audit results.....	10
4.1	Compliance with conditions.....	10
4.2	Proposed Changes to Compliance Assessment Plan .....	10
4.3	Subsidiary plans.....	10
4.4	Retention of compliance assessments.....	10
2.7	Public availability of Compliance Assessment Reports.....	10
5.0	References.....	11
5.1	Appendices .....	11
	Appendix A: Statement of compliance.....	12
	Appendix B: Audit Table .....	13
	Audit Table for Ministerial Statement 1148 .....	14
	Appendix C: Subsidiary Plans.....	18
	Appendix D: Evidence related to potential non-compliance.....	19
	Appendix E: Evidence Summary Table.....	20

# 1.0 Introduction

This Compliance Assessment Report (CAR) addresses the compliance of the Roe Highway Extension to Murdoch Drive Project with conditions set out in Ministerial Statement 1148 (MS 1148). Condition 3-6 of MS 1148 requires annual compliance assessment reports to be submitted to the Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER)). This CAR has been produced in compliance with these conditions.

The CAR incorporates a 12 month audit period from 3 July 2020 to 2 July 2021. Main Roads Western Australia (Main Roads) is compliant to MS 1148 with no non-compliances reported during this audit period.

## 1.1 Background

Main Roads has constructed the Roe Highway Extension to the connection with Murdoch Drive. The proposal consists of the construction of a dual carriageway road with two lanes in each direction and all associated road connections, road furniture, lighting, drainage and structures.

Areas of the development envelope depicted in Figures 1a to 1f as Rehabilitation Zone are being rehabilitated. A Rehabilitation Management Plan (Roe 8 Cleared Areas) was prepared by the Rehabilitating Roe 8 Working Group and has been approved by the Minister for Transport. The portion of the project area to the east of Bibra Dive is the location of the works for the Murdoch Drive Connection.

Table 1 contains the location and authorised extent of physical and operational elements from Schedule 1 of Ministerial Statement 1148 (MS1148).

**Table 1 Location and authorised extent of physical and operational elements**

Element	Location	Authorised Extent
Clearing and Disturbance	Located within the proposal development envelope as shown in figures 1(a) and 1(b). Includes clearing for road, drainage and noise walls.	Within the 174.6 ha development envelope: <ul style="list-style-type: none"> <li>88.8 ha Construction and Operation Zone – clearing and disturbance of less than 26.7 ha</li> <li>an 85.8 ha Rehabilitation zone – no additional clearing and disturbance.</li> </ul>
Rehabilitation	Rehabilitation Zone located within the development envelope as shown on figures 1(a) and 1(b).	Areas cleared as part of the original proposal within the Rehabilitation Zone.

## 1.2 Purpose and scope

The Project was formally assessed under Part IV of the *Environmental Protection Act 1986* (the EP Act) and approved under MS 1008 on 2 July 2015.

On 6 August 2020 the Minister for Environment approved Ministerial Statement 1148 (MS 1148) following a Section 46 inquiry into the conditions of MS 1008. MS 1148 replaces and supersedes all

previous conditions and procedures of Statement 1008 from 6 August 2020.

### 1.3 Proponent Details

The Proponent for the Project is Main Roads Western Australia.

## 2.0 Current Status

### 2.1 Works to Date

The Project was officially awarded to Building Roe 8 Alliance (now MRIA (Metropolitan Roads Improvement Alliance)) on 11 October 2016, with detailed design and planning works commencing soon after.

It was announced on 8 May 2017 that MRIA would complete the design and construction of Murdoch Drive Connection (MDC). Construction commenced in January 2018 and was completed on 20 April 2020.

No additional clearing has been undertaken in this audit period.

**Table 2 Clearing Area for MS1148**

Environmental Aspect	Cleared this reporting period	Total Area cleared
Native Vegetation Clearing in Construction and Operation Zone	0	26.7
Native Vegetation Clearing in Rehabilitation Zone	0	17.1
Black cockatoo habitat	0	36.0
Potential black cockatoo nesting trees with hollows	0	0
Potential black cockatoo nesting trees without hollows	0	0

### 2.2 Works to Date

Construction was completed in April 2020 as per the MDC project design to realign Murdoch Drive as a four-lane dual carriageway and extend the road to Kwinana Freeway at the Roe Highway interchange.

Works planned in the future include: maintenance of landscaping works and rectification of defects.



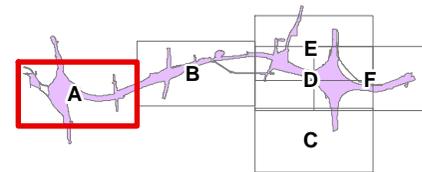
PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Rehabilitation Zone  
**Previously cleared**  
 Under Roe 8



DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994  
 0 75 150 225 300  
 metres  
 1:7,500 when printed at A4



Data sources: Landgate Slip Imagery ©

Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

Main Roads Western Australia

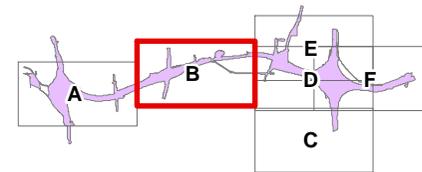
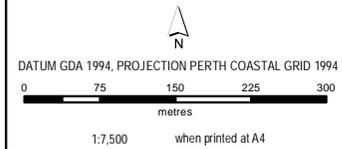
Figure  
 1A



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Rehabilitation Zone  
**Previously cleared**  
 Under Roe 8

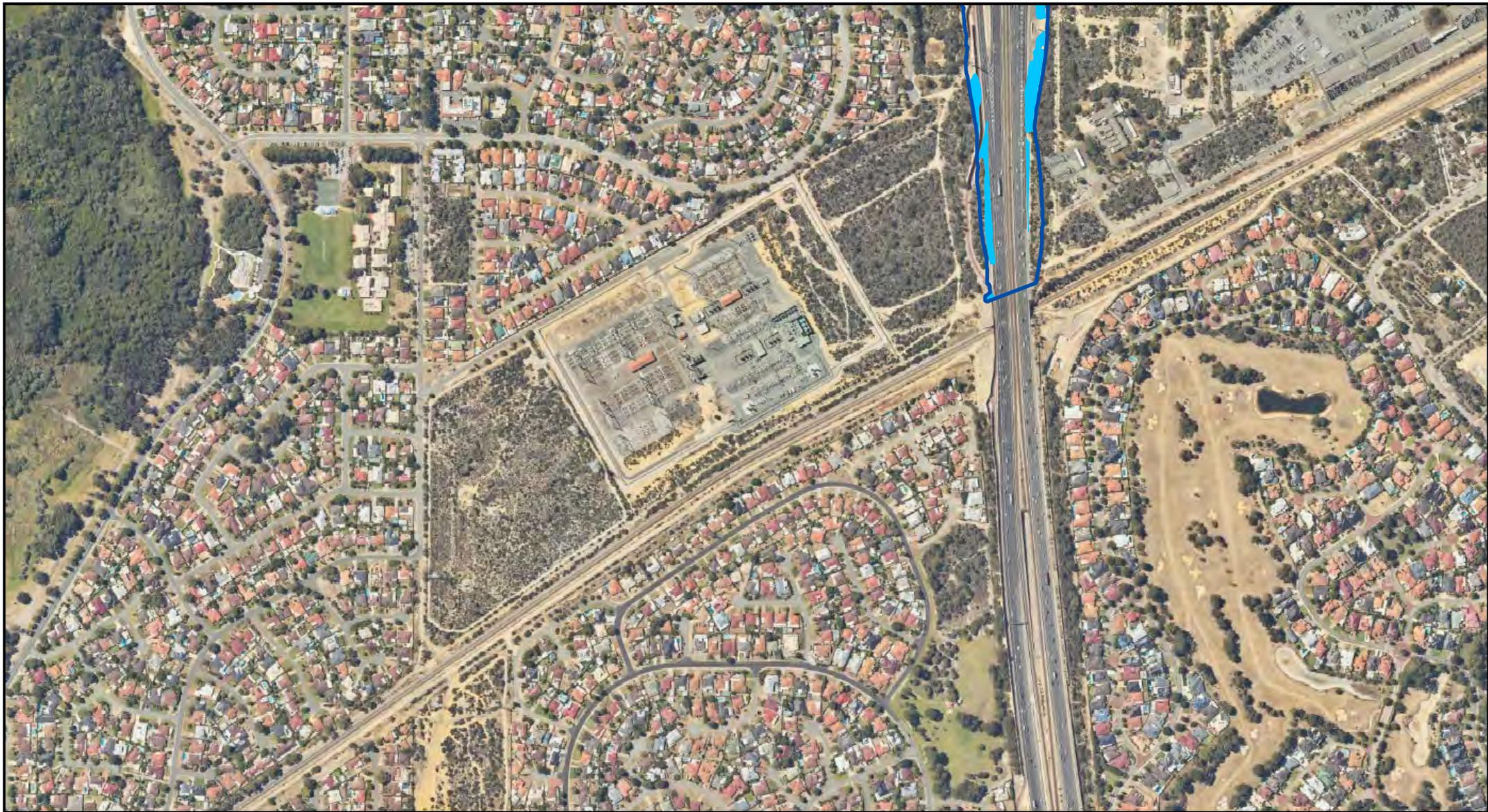


Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

**Main Roads Western Australia**

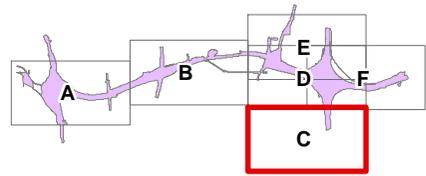
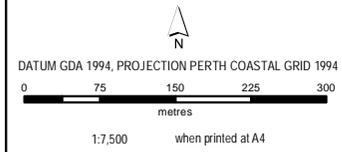
Figure  
**1B**



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**  
 Construction and Operation Zone  
 Previously cleared  
 Under Murdoch Drive Connection



Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

**Main Roads Western Australia**

Figure  
**1C**



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021

**MR**  
**IA** Metropolitan Road Improvement Alliance

DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994

0 75 150 225 300 metres

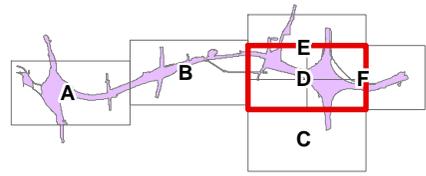
1:7,500 when printed at A4

**LEGEND**

- Construction and Operation Zone
- Rehabilitation Zone

**Previously cleared**

- Under Roe 8
- Under Murdoch Drive Connection

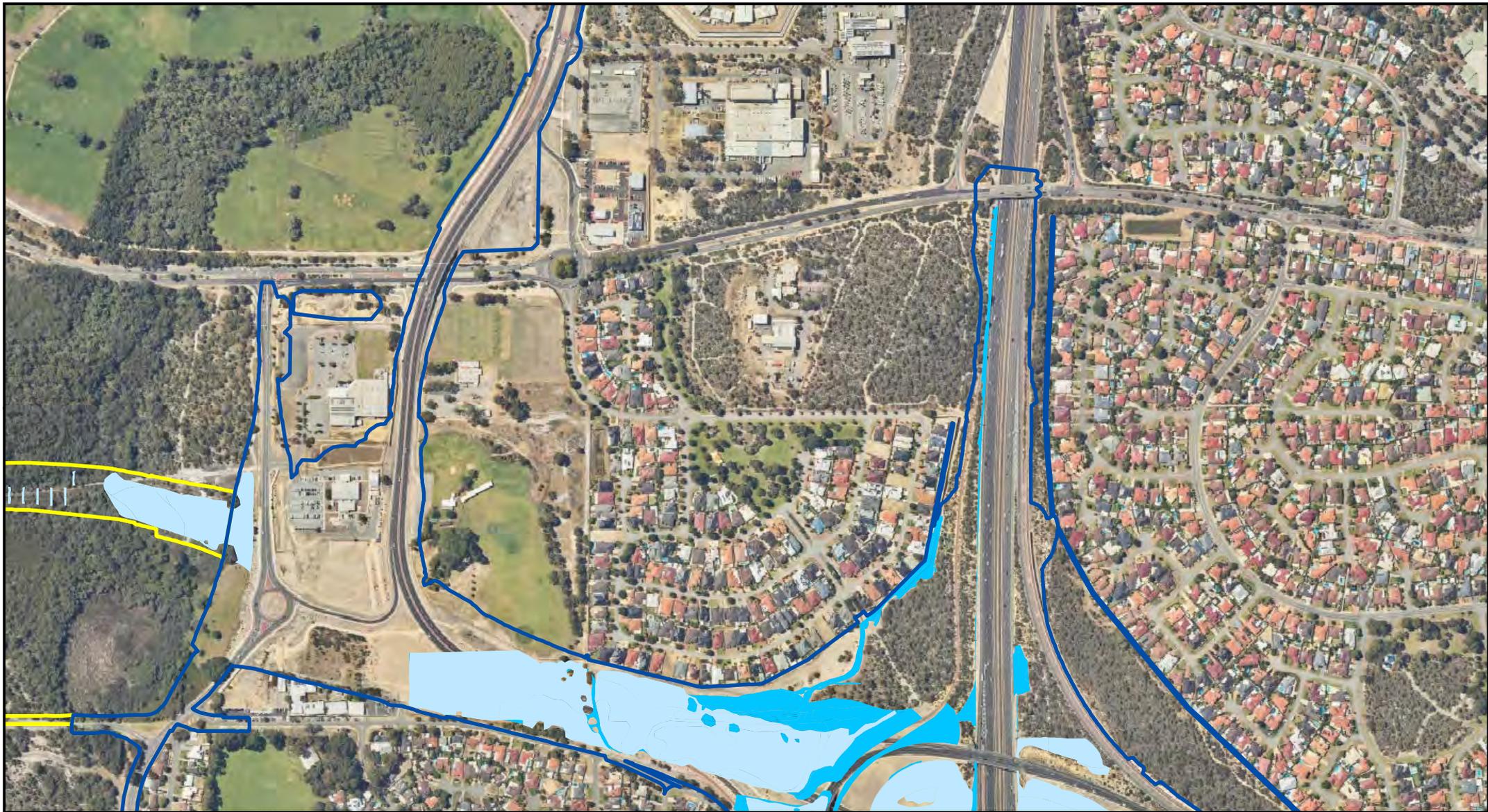


Data sources: Landgate Slip Imagery ©  
 Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

**Main Roads Western Australia**

**Figure**  
**1D**



PROJECT ID 60478410  
 CREATED BY KW  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021

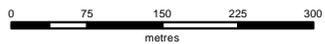


**LEGEND**

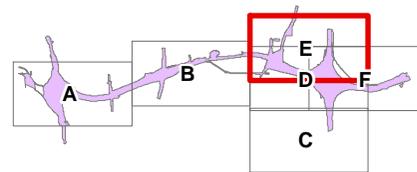
- Construction and Operation Zone
- Rehabilitation Zone
- Previously cleared**
- Under Roe 8
- Under Murdoch Drive Connection



DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994



1:7,500 when printed at A4



Data sources: Landgate Slip Imagery ©

Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

Main Roads Western Australia

Figure  
 1E



PROJECT ID 60478410  
 CREATED BY KN  
 APPROVED BY JShaw  
 LAST MODIFIED 16 SEP 2021



**LEGEND**

Construction and Operation Zone

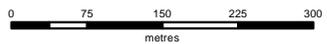
**Previously cleared**

Under Roe 8

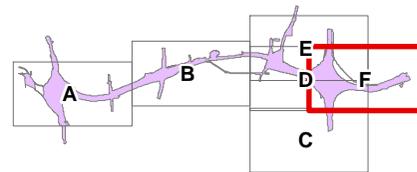
Under Murdoch Drive Connection



DATUM GDA 1994, PROJECTION PERTH COASTAL GRID 1994



1:7,500 when printed at A4



Data sources: Landgate Slip Imagery ©

Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).

**Project areas MS 1148**  
**Reporting period**  
**July 2020 - June 2021**

**Main Roads Western Australia**

Figure  
 1F

## 3.0 Audit Plan

### 3.1 Purpose and Scope

This document is the first CAR for MS1148.

The CAR has been prepared to address conditions 3-3 and 3-6 of MS 1148 which state:

3-3 After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 3-2, the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 3-1.

3-6 The proponent shall submit to the CEO, by 2 October annually or as agreed in writing by the CEO, Compliance Assessment Reports that address the preceding twelve (12) month period from 2 July.

The Compliance Assessment Reports shall:

- (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf;
- (2) include a statement as to whether the proponent has complied with the conditions;
- (3) identify all potential non-compliances and describe corrective and preventative actions taken; (4) be made publicly available in accordance with the approved Compliance Assessment Plan; and (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 3-1.

Condition 3-1 of MS 1148 referred to above states:

The proponent shall prepare and maintain a Compliance Assessment Plan, which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 3-6, or no later than 2 April 2021.

Condition 3-2 of MS 1148 referred to above states:

The Compliance Assessment Plan shall indicate:

- (1) the frequency of compliance reporting;
- (2) the approach and timing of compliance assessments;
- (3) the retention of compliance assessments;
- (4) the method of reporting of potential non-compliances and corrective actions taken;
- (5) the table of contents of Compliance Assessment Reports; and
- (6) public availability of Compliance Assessment Reports.

This CAR has been developed to align with the structure indicated in the Compliance Assessment Plan (CAP; AECOM, 2020), which was guided by *Post Assessment Guideline No. 3 Preparing a Compliance Assessment Report* (OEPA 2012a) in accordance with condition 3-2 of MS 1148. The proposed table of contents from the CAP is presented in Table 2. The table includes reference to sections in the CAR that correspond to the required content.

**Table 3 Table of contents for Compliance Assessment Reporting as outlined in the Compliance Assessment Plan (AECOM 2020)**

Heading	Description	Section
Introduction	Brief about the Project, including: <ul style="list-style-type: none"> <li>• Project background</li> <li>• Project approvals</li> <li>• Proponent details</li> </ul>	Section 1
Current status	Summary of the current implementation status of the Project, specifically milestones/achievements within the audit period.	Section 2
Statement of compliance	Statement of whether the proponent has complied with the conditions	Appendices A-F
Details of declared compliance status	Endorsed by Main Roads Managing Director or a person delegated to sign on the Managing Director's behalf	Appendix A
Non-compliances and corrective actions, if any	Identify all non-compliances and corrective actions	Appendix D
Supporting/ verifying information/ documentation	Detailed Reporting for Monitoring and Management Plans. Complete list in Appendix.	Appendix E
Appendices	<p>A. Statement of compliance prepared in accordance with the OEPA Post Assessment Form for a Statement of Compliance and endorsed by the proponent's Managing Director or a person delegated to sign on the Managing Director's behalf.</p> <p>B. Ministerial Statement audit table in accordance with Appendix 1 of the CAP.</p> <p>C. Subsidiary plans audit tables (potentially non-conformant items only).</p> <p>D. Evidence (related to potential non-compliances/non-conformances only).</p> <p>E. Summary table of evidence reviewed.</p> <p>F. Other appendices may be included where relevant from time to time.</p>	Appendices A-F

This CAR has been prepared to assess whether Main Roads has been, is being, has not or is not, complying with the conditions set out in Schedule 1 of MS 1148 over the audit period. The CAR includes:

- A statement of compliance (Appendix A)
- An assessment of compliance against all conditions (Appendix B)
- Additional details relating to Project compliances (Appendix C)
- Details of any non-conformances and how these are currently and will be managed in the future (Appendix D)

- Evidence summary table demonstrating the documents used to inform the CAR (Appendix E).

### 3.2 Audit Period

The first CAR addresses a compliance period of 2 July 2020 to 1 July 2021 and will be submitted to the CEO of the DWER by 2 October 2021. Subsequent CARs will address the compliance period from 2 July to 1 July with each report submitted to the CEO of the DWER by the annual date of 2 October following the conclusion of the compliance period.

### 3.3 Audit Criteria

Audit criteria were based on the MS 1148 conditions of approval. The audit table in Appendix B presents all the approval conditions and the performance of the Project to these conditions for the audit period. The audit table contains each condition separated into audit elements for auditing purposes (i.e. the audit criteria) and includes the following headings:

- Audit Code: Ministerial Statement reference number.
- Subject: The environmental subject/issue.
- Requirement: Wording of the relevant implementation condition, procedure or commitment.
- How: The way the proponent intends to achieve the requirement.
- Evidence: Information or data collected to verify compliance, i.e. report/letter/site inspection requirements.
- Phase: Project phase.
- Timeframe: Specific timing and/or location.
- Status: Notes about the fulfilment of compliance.
- Further Information: Additional details and supporting information to verify compliance status.

The audit table is included in Appendix A.

### 3.4 Methodology

The audit was conducted by reviewing relevant documentation as produced by MRIA, external contractors and Main Roads. Advice from Main Roads was sought where necessary to determine the status and evidence of compliance. The review of all documents was undertaken by MRIA. A comprehensive list of documents reviewed for this CAR is presented in Appendix E.

### 3.5 Terminology

The 'Status' field of the audit table in Appendix B and Appendix C describes the implementation of the action and compliance with the condition, procedure or commitment. Although the CEO of the DWER makes the final determination of compliance, it is necessary to update this field each audit period, as the project progresses. DWER has prepared updated guidance related to the preparation of compliance audits, including generic expressions that are used to identify the status of each item as defined in Table 1 of Appendix 1.

## 4 Audit results

### 4.1 Compliance with conditions

Main Roads is compliant with all conditions of MS 1148 for the period addressed in the CAR. A Statement of Compliance has been included in Appendix A.

Compliance with the conditions of MS 1148 for the Project has been assessed and reported using the Audit Table in Appendix B.

### 4.2 Proposed Changes to Compliance Assessment Plan

This CAR is consistent with the approved CAP. This is the first CAR to be produced under MS 1148 and no changes are proposed.

### 4.3 Subsidiary plans

Conditions of MS1148 require the implementation of a number of subsidiary plans for post-construction monitoring relevant to the Construction and Operation Zone (Table 4). This monitoring is to be implemented for a period of three years or as otherwise agreed by the CEO.

**Table 4 Subsidiary plans to be implemented by MS1148**

Condition	Plan Implementation
5-2(1)	Section 2 and Appendix 1 of Drainage Monitoring and Management Plan
5-2(2)	Section 2 and Appendix 1 and the addendum of Wetlands Monitoring and Management Plan
5-2(3)	Section 3 of Flora and Vegetation Monitoring and Management Plan
5-7	The Vegetation Rehabilitation Plan for areas that have been temporarily cleared in the Construction and Operation Zone
7-1(1)	The Land Acquisition and Management Plan (20 years)
7-1(2)	The <i>Typha orientalis</i> Control Plan

### 4.4 Retention of compliance assessments

Main Roads will retain CARs (including all associated compliance assessments) and evidence used to verify compliance for the life of the proposal and then for a minimum of seven years after the end of the life of the proposal. Main Roads will continue to implement the proposal until the CEO has determined all conditions of MS1148 have been satisfactorily met.

CARs will be retained on Main Roads' Electronic Document and Records Management System that Main Roads is required to maintain and operate in accordance with its obligations under the *State Records Act 2000*.

### 2.7 Public availability of Compliance Assessment Reports

Main Roads will make all CARs publicly available in accordance with condition 4-1 and the OEPA's Post Assessment Guideline No. 4 – Post Assessment Guideline for Making Information Publicly Available (PAG 4) (OEPA, 2012d).

CARs will be made available through the Main Roads webpage at <https://www.mainroads.wa.gov.au> and follow the links to the Murdoch Drive Connection page (<https://www.mainroads.wa.gov.au/projects-initiatives/projects/metropolitan/Murdoch-Drive-Connection/murdoch-drive-connection-environment/>).

## 5.0 References

OEPA. 2012a. Post Assessment Guideline for Preparing a Compliance Assessment Plan, Post Assessment Guideline No. 2. August. Office of the Environmental Protection Authority. Perth, Western Australia.

OEPA. 2012b. Post Assessment Guideline for Preparing an Audit Table, Post Assessment Guideline No. 1. August. Office of the Environmental Protection Authority. Perth, Western Australia.

OEPA. 2012c. Post Assessment Guideline for Preparing a Compliance Assessment Report, Post Assessment Guideline No. 3. August. Office of the Environmental Protection Authority. Perth, Western Australia.

OEPA. 2012d. Post Assessment Guideline for Making Information Publicly Available, Post Assessment Guideline No. 4. August. Office of the Environmental Protection Authority. Perth, Western Australia.

## 5.1 Appendices

Appendix	Title
Appendix A	Statement of Compliance
Appendix B	MS 1148 Audit Table
Appendix C	Subsidiary Plans Summary of Compliance and Audit Tables
Appendix D	Evidence (related to potential non-compliances/non-conformances only)
Appendix E	Evidence Summary Table

# Appendix A: Statement of compliance

## Statement of Compliance

### 1 Proposal and Proponent Details

Proposal Title	<i>Roe Highway Extension</i>
Statement Number	1148
Proponent Name	<i>Main Roads Western Australia</i>
Proponent's Australian Company Number (where relevant)	50 860 676 021

### 2 Statement of Compliance Details

Reporting Period	2/07/20 to 1/07/21
------------------	--------------------

Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))							
Pre-construction	<input type="checkbox"/>	Construction	<input type="checkbox"/>	Operation	<input checked="" type="checkbox"/>	Decommissioning	<input type="checkbox"/>

Audit Table for Statement addressed in this Statement of Compliance is provided at Attachment:	B
<p>An audit table for the Statement addressed in this Statement of Compliance must be provided as Attachment 2 to this Statement of Compliance. The audit table must be prepared and maintained in accordance with the Office of the Environmental Protection Authority's (OEPA) <i>Post Assessment Guideline for Preparing an Audit Table</i>, as amended from time to time. The 'Status Column' of the audit table must accurately describe the compliance status of each implementation condition and/or procedure for the reporting period of this Statement of Compliance. The terms that may be used by the proponent in the 'Status Column' of the audit table are limited to the Compliance Status Terms listed and defined in Table 1 of Attachment 1.</p>	

Were all implementation conditions and/or procedures of the Statement complied with within the reporting period? (please tick ✓ the appropriate box)			
No (please proceed to Section 3)	<input type="checkbox"/>	Yes (please proceed to Section 4)	<input checked="" type="checkbox"/>

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: \_\_\_\_\_

### 3 Details of Non-compliance(s) and/or Potential Non-compliance(s)

The information required in Section 3 must be provided for each non-compliance or potential non-compliance identified during the reporting period covered by this Statement of Compliance.

#### Non-compliance/potential non-compliance 3-1

Which implementation condition or procedure was non-compliant or potentially non-compliant?
There were no non-compliances or potential non-compliances in the reporting period
Was the implementation condition or procedure non-compliant or potentially non-compliant?
Not applicable
On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?

Was this non-compliance or potential non-compliance reported to the General Manager, OEPA?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to OEPA verbally      Date _____ <input type="checkbox"/> Reported to OEPA in writing      Date _____	<input type="checkbox"/> No

What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?
What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)
What was the cause(s) of the non-compliance or potential non-compliance?
What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?
What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?
Please provide information/documentation collected and recorded in relation to this implementation condition or procedure: <ul style="list-style-type: none"> <li>• in the reporting period addressed in this Statement of Compliance; and</li> <li>• as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.</li> </ul> (the above inform action may be provided as an attachment to this Statement of Compliance)

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: \_\_\_\_\_

**Proponent Declaration**

I, \_\_\_\_\_ (full name and position title) declare that I am authorised on behalf of the Commissioner of Main Roads Western Australia (being the person responsible for the proposal) to submit this form and that the information contained in this form is true and not misleading.

Signature:..... Date:.....

Please note that:

- it is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give or cause to be given information that to his knowledge is false or misleading in a material particular; and
- the Chief Executive Officer of the DWER has powers under section 47(2) of the *Environmental Protection Act 1986* to require reports and information about implementation of the proposal to which the statement relates and compliance with the implementation conditions.

**4 Submission of Statement of Compliance**

One hard copy and one electronic copy (preferably PDF on CD or thumb drive) of the Statement of Compliance are required to be submitted to the Chief Executive Officer, DWER, marked to the attention of Manager, Compliance (Ministerial Statements).

Please note, the DWER has adopted a procedure of providing written acknowledgment of receipt of all Statements of Compliance submitted by the proponent, however, the DWER does not approve Statements of Compliance.

**5 Contact Information**

Queries regarding Statements of Compliance, or other issues of compliance relevant to a Statement may be directed to Compliance (Ministerial Statements), DWER:

**Manager, Compliance (Ministerial Statements)**  
**Department of Water and Environmental Regulation**

Postal Address: Locked Bag 33  
 Cloisters Square  
 PERTH WA 6850

Phone: (08) 6364 7000  
 Email: [compliance@dwer.wa.gov.au](mailto:compliance@dwer.wa.gov.au)

**6 Post Assessment Guidelines and Forms**

Post assessment documents can be found at [www.epa.wa.gov.au](http://www.epa.wa.gov.au)

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: \_\_\_\_\_

**ATTACHMENT 1****Table 1 Compliance Status Terms**

<b>Compliance Status Terms</b>	<b>Abbrev</b>	<b>Definition</b>	<b>Notes</b>
Compliant	C	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	This term applies to audit elements with: <ul style="list-style-type: none"> <li>• ongoing requirements that have been met during the reporting period; and</li> <li>• requirements with a finite period of application that have been met during the reporting period, but whose status has not yet been classified as 'completed'.</li> </ul>
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.	This term may only be used where: <ul style="list-style-type: none"> <li>• audit elements have a finite period of application (e.g. construction activities, development of a document);</li> <li>• the action has been satisfactorily completed; and</li> <li>• the Office of the Environmental Protection Authority (OEPA) has provided written acceptance of 'completed' status for the audit element.</li> </ul>
Not required at this stage	NR	The requirements of the audit element were not triggered during the reporting period.	This should be consistent with the 'Phase' column of the audit table.
Potentially Non-compliant	PNC	Possible or likely failure to meet the requirements of the audit element.	This term may apply where during the reporting period the proponent has identified a potential non-compliance and has not yet finalized its investigations to determine whether non-compliance has occurred.
Non-compliant	NC	Implementation of the proposal has not been carried out in accordance with the requirements of the audit element.	This term applies where the requirements of the audit element are not "complete" have not been met during the reporting period.

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: \_\_\_\_\_

Compliance Status Terms	Abbrev	Definition	Notes
In Process	IP	Where an audit element requires a management or monitoring plan be submitted to the OEPA or another government agency for approval, that submission has been made and no further information or changes have been requested by the OEPA or the other government agency and assessment by the OEPA or other government agency for approval is still pending.	<p><b>The term 'In Process' may not be used for any purpose other than that stated in the Definition Column.</b></p> <p>The term 'In Process' may not be used to describe the compliance status of an implementation condition and/or procedure that requires implementation throughout the life of the project (e.g. implementation of a management plan).</p>

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: \_\_\_\_\_

## Appendix B: Audit Table

### DWER Notes:

- Phases that apply in this table = Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases).
- This audit table is a summary and timetable of conditions and commitments applying to this project. Refer to the Minister's Statement for full detail/precise wording of individual elements.
- Code prefixes: M = Minister's condition, P = Proponent's commitment. Acronyms list: CEO = Chief Executive Officer of DWER; DEC = Department of Environment Regulation; DPAW = Department of Parks and Wildlife; DIA = Department of Indigenous Affairs; DMP = Department of Mining and Petroleum; DWER = Department of Water and Environmental Regulation; EPA = Environmental Protection Authority; DoH = Department of Health; DoW = Department of Water, Minister for Env = Minister for the Environment; OEPA = Office of the Environmental Protection Authority.
- Compliance Status: C = Compliant, CLD = Completed, NA = Not Audited, NC = Non – compliant, NR = Not Required at this stage. Please note the terms VR = Verification Required and IP = In Process are only for OEPA use.

## Audit Table for Ministerial Statement 1148

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
1148:M1.1	Proposal Implementation	When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 in Schedule 1.	Implement Proposal as described in Schedule 1	L_Aerial of disturbed land_April 2020	CLD	Ongoing.	CLD	Construction activities for the Murdoch Drive Connection (MDC) Were completed 20 April 2020, including native vegetation clearing. <ul style="list-style-type: none"> <li>26.7 ha clearing in Construction and Operation Zone</li> <li>17.1 ha clearing in the Rehabilitation zone</li> </ul>
1148:M2.1	Contact Details	The proponent shall notify the CEO of any change of its name and physical, postal and electronic address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.	Submit written notification to the CEO of DWER	NR	Overall	Within 28 days of any change of name and physical, postal and electronic address.	NR	Main Roads Western Australia remains the Proponent.
1148:M3.1	Compliance Reporting	The proponent shall prepare and maintain a Compliance Assessment Plan, which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 3-6, or no later than 2 April 2021.	Prepare a Compliance Assessment Plan and submit to the CEO of DWER for approval.	R_20201001_RPT_MRWA_MS1148_CAP L_20201116_LTR_DWER to MRWA MS1148 CAP Approval Letter.	Overall	By 2 April 2021.	C	Submitted CAP to DWER
1148:M3.2	Compliance Reporting	The Compliance Assessment Plan shall indicate: (1) the frequency of compliance reporting; (2) the approach and timing of compliance assessments; (3) the retention of compliance assessments; (4) the method of reporting of potential non-compliances and corrective actions taken; (5) the table of contents of Compliance Assessment Reports; and (6) public availability of Compliance Assessment Reports.	Prepare and submit to the CEO of DWER a CAP addressing all requirements	R_20201001_RPT_MRWA_MS1148_CAP L_20201116_LTR_DWER to MRWA MS1148 CAP Approval Letter.	Overall	Prior to implementation or six months prior to first compliance report.	C	CAP as submitted to DWER
1148:M3.3	Compliance Reporting	After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 3-2, the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 3-1.	Undertake annual compliance assessments in accordance with the approved CAP.	This report is the first CAR for MS1148.	Overall	Ongoing, annually.	C	This CAR complies with this condition
1148:M3.4	Compliance Reporting	The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 3-1 and shall make those reports available when requested by the CEO.	Prepare and retain Annual CARs in accordance with the approved CAP. Make CARs available to CEO of DWER on request.	This report is the first CAR for MS1148.	Overall	As required by record keeping legislation.	C	
1148:M3.5	Compliance Reporting	The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.	Written correspondence to CEO of DWER within 7 days of any potential non-compliance.	No non-compliances	Overall	Within 7 days of that non-compliance being known.	C	No non-compliances
1148:M3.6	Compliance Reporting	The proponent shall submit to the CEO, by 2 October annually or as agreed in writing by the CEO, Compliance Assessment Reports that address the preceding twelve (12) month period from 2 July. The Compliance Assessment Reports shall: (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf; (2) include a statement as to whether the proponent has complied with the conditions; (3) identify all potential non-compliances and describe corrective and preventative actions taken; (4) be made publicly available in accordance with the	Submit Annual CARs addressing all requirements annually to DWER.	This report is the first CAR for MS1148.	Overall	By 2 October 2020 and annually thereafter.	C	This CAR complies with this condition

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
		approved Compliance Assessment Plan; and (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 3-1.						
1148:M4.1	Public Availability of Plans and Reports	Subject to condition 4-2, the proponent shall make publicly available on its website, and in any manner approved in writing by the CEO, the plans and reports referred to in conditions 3-1, 3-4, 3-6, 5-2, 5-7, 6-3 and 7-1.	Publish reports on Main Roads website, or provide reports as directed by the CEO of DWER.	<a href="#">Murdoch Drive Connection - Environment   Main Roads Western Australia</a>	Overall	Ongoing.	C	Link to published documents
1148:M4.2	Public Availability of Plans and Reports	If any parts of the plans and reports referred to in condition 4-1 contains particulars of: (1) a secret formula or process; or (2) confidential commercially sensitive information, the proponent may submit a request for approval from the CEO to not make those parts of the plans and reports publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.	Provide the CEO with an explanation and reasons why data should not be made publicly available.	NR	Overall	Ongoing.	NA	Not used
1148:M5.1	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall ensure that: (1) impacts from ongoing operation of the proposal are managed such that groundwater quality is maintained relative to pre-construction conditions; (2) impacts to wetland quality associated with implementation of the proposal are minimised; and (3) ongoing implementation of the proposal does not cause any detectable adverse effects on flora and vegetation communities within areas of native vegetation adjacent to the Construction and Operation Zone.	Implement conditions 5-2, 5-3, 5-4, 5-5, 5-6,5-7 and 5-8.	This report is the first CAR for MS1148. R_20211001_RPT_MRIA to MRWA Annual Report WMMP L_20210302_LTR_DWER_Exceedance Letter_WMMP	Overall	Ongoing.	C	Evidence from monitoring indicates that the groundwater quality is similar and subject to the same seasonal fluctuations as per prior to construction. See documents
1148:M5.2	Construction and Operation Zone (Murdoch Drive Connection)	In order to meet the objectives of condition 5-1 the proponent shall implement post-construction monitoring relevant to the Construction and Operation Zone, detailed in the following Plans, which the CEO has approved by notice in writing: (1) Section 2 and Appendix 1 of Drainage Management and Monitoring Plan; (2) Section 2, Appendix 1 and the Addendum of Wetlands Monitoring and Management Plan; and (3) Section 3 of Flora and Vegetation Monitoring and Management Plan.	Implement post-construction monitoring relevant to the Construction and Operation Zone detailed in condition 5-2.	This report is the first CAR for MS1148. R_20211001_RPT_MRIA to MRWA Annual Report DMMP R_20211001_RPT_MRIA to MRWA Annual Report WMMP R_20210629_RPT Annual Report FVMMP	Overall	Ongoing.	C	Monitoring has been undertaken as per the approved plans.
1148:M5.3	Construction and Operation Zone (Murdoch Drive Connection)	If the post-construction monitoring indicates that the targets and actions specified in the Plans are not being met, the proponent shall implement the contingency actions in: (1) Section 3 of Drainage Management and Monitoring Plan; (2) Section 3 of Wetlands Monitoring and Management Plan; and (3) Section 4 of Flora and Vegetation Monitoring and Management Plan.	Implement the contingency actions in condition 5-3.	This report is the first CAR for MS1148. R_20211001_RPT_MRIA to MRWA Annual Report DMMP R_20211001_RPT_MRIA to MRWA Annual Report WMMP R_20210629_RPT Annual Report FVMMP	Overall	Ongoing.	C	Contingency actions have been implemented as per the WMMP, DMMP and FVMMP as required.
1148:M5.4	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall ensure the reporting requirements of the Plans are met as specified in: (1) Section 4 of Drainage Management and Monitoring Plan; (2) Section 4 of Wetlands Monitoring and Management Plan; and (3) Section 6 of Flora and Vegetation Monitoring and Management Plan.	Ensure the reporting requirements of the Plans are met as specified in condition 5-4.	This report is the first CAR for MS1148. R_20211001_RPT_MRIA to MRWA Annual Report DMMP R_20211001_RPT_MRIA to MRWA Annual Report WMMP R_20210629_RPT Annual Report FVMMP	Overall	Ongoing.	C	Reporting requirements have been met as evidenced in the reports:
1148:M5.5	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall continue to implement post-construction monitoring for three (3) years, or as otherwise agreed by notice in writing by the CEO, in order to assess whether the objectives specified in condition 5-1 have been achieved and until the CEO has advised in writing that post-construction monitoring is no longer required.	Continue to implement post-construction monitoring for three (3) years, or as otherwise agreed by notice in writing by the CEO.	This report is the first CAR for MS1148. R_20211001_RPT_MRIA to MRWA Annual Report DMMP R_20211001_RPT_MRIA to MRWA Annual Report WMMP R_20210629_RPT Annual Report FVMMP	Overall	For 3 years or as otherwise agreed by the CEO.	C	Construction was completed in April 2020 and the attached annual reports demonstrate year 1 of post construction monitoring.
1148:M5.6	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall: (1) determine whether ground disturbance or construction activities have resulted in the spread or introduction of any disease or pathogen, by undertaking appropriate mapping and	Undertake disease or pathogen mapping and monitoring during the	This report is the first CAR for MS1148.	Overall	Submit report to the CEO 3 months of the completion	C	The Dieback monitoring was undertaken during the first wet season Post Construction. The

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
	Drive Connection)	monitoring during the first wet season (June to August) following the completion of construction; (2) submit a report to the CEO on the outcomes of the mapping and monitoring within three (3) months of the completion of mapping and monitoring; and (3) undertake remedial actions to manage or mitigate any spread or introduction attributable to the proposal.	first wet season (June to August) following the completion of construction; (2) submit a report to the CEO on the outcomes of the mapping and monitoring within three (3) months of the completion of mapping and monitoring; and (3) undertake remedial actions to manage or mitigate any spread or introduction attributable to the proposal.	R_20201014_RPT_Phytophthora Dieback Reassessment of Roe Development Envelope  L_20201020_LTR_MRWA Letter to DWER re Dieback Survey		of mapping and monitoring.		report found that no dieback had been spread due to the implementation of the project. As a result, no contingency actions have been undertaken.
1148:M5.7	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall implement the Vegetation Rehabilitation Plan for areas that have been temporarily cleared within the Construction and Operation Zone.	Implement the Vegetation Rehabilitation Plan for areas that have been temporarily cleared within the Construction and Operation Zone.	This report is the first CAR for MS1148. R_20210415_MRWA-MRWA Revegetation Survey	Overall	Ongoing.	C	Rehabilitation has been undertaken for areas that were temporarily cleared for construction. Typha treatment has occurred as part of this plan.
1148:M5.8	Construction and Operation Zone (Murdoch Drive Connection)	The proponent shall routinely inspect and maintain the fauna underpass constructed at the Kwinana Freeway Roe Highway intersection to ensure the underpass is performing effectively.	Inspect the Kwinana Freeway Roe Highway intersection fauna underpass for effective performance.	This report is the first CAR for MS1148. L_20210910_LTR_MRWA to MRWA re Fauna Underpass inspections 2021	Overall	Ongoing.	C	Inspections have been completed to check that the underpasses are clear for fauna movement.
1148:M6.1	Rehabilitation Zone (Bibra Drive to Stock Road)	The proponent shall ensure that the direct and indirect impacts from clearing of native vegetation within the Rehabilitation Zone are rehabilitated so that the condition of the native vegetation is the same as it was prior to clearing within the Rehabilitation Zone.	Implement the Rehabilitating Roe 8 Rehabilitation Plan in consultation with the Rehabilitating Roe 8 Advisory Committee.	This report is the first CAR for MS1148. R_20200730_RPT_RR8_Rehabilitation Report	Overall	Ongoing.	C	Rehabilitation being implemented as per Rehabilitation Plan.
1148:M6.2	Rehabilitation Zone (Bibra Drive to Stock Road)	The proponent shall undertake ongoing consultation with the Rehabilitating Roe 8 Advisory Committee about the measures and actions required to meet the environmental outcome in condition 6-1.	Consult with the Rehabilitating Roe 8 Advisory Committee about the measures and actions required to meet the environmental outcome in condition 6-1.	L_20210608_LTR_RR8 to MRWA_Advisory Committee  M_20200731_RR8 Governance Committee Minutes	Overall	Ongoing.	C	Minutes from consultation meetings.
1148:M6.3	Rehabilitation Zone (Bibra Drive to Stock Road)	The proponent shall submit a progress report every five (5) years to the CEO to assess progress towards the achievement of the outcome in condition 6-1.	Prepare and submit a progress report to the CEO of DWER.	R_20200730_RPT_RR8_Rehabilitation Report	Overall	By 6 February 2021 and then 2 October every 5 years.	NR	Rehabilitation Progress Report
1148:M6.4	Rehabilitation Zone (Bibra Drive to Stock Road)	The first progress report shall be submitted within six (6) months of the publication of this Statement and then by 2 October every five (5) years thereafter or as agreed in writing by the CEO, until the CEO confirms by notice in writing that the outcome in condition 6-1 has been achieved and progress reporting may cease.	Prepare Rehabilitation progress Report within six (6) months of the publication of this Statement and then by 2 October every five (5) years thereafter or as	R_20200730_RPT_RR8_Rehabilitation Report	Overall	By 6 February 2021 and then 2 October every 5 years.	NR	Rehabilitation Progress Report

Audit Code	Subject	Requirement	How	Evidence	Phase	Timeframe	Status	Further Information
			agreed in writing by the CEO.					
1148:M7.1	Offsets	In order to counterbalance the significant residual impacts of the proposal, the proponent shall continue to implement: (1) Land Acquisition and Management Plan; and (2) <i>Typha orientalis</i> Control Program.	Implement the (1) Land Acquisition and Management Plan; and (2) <i>Typha orientalis</i> Control Program.	This report is the first CAR for MS1148. R_202007_RPT_DBCA to MRWA – Offset Implementation  L20200911_LTR_DWERTo MRWA Approval to cease <i>Typha orientalis</i> control program	Overall	Ongoing.	C CLD	The LAMP is being implemented. The <i>Typha orientalis</i> Control Program met the completion criteria in 2020.
1148:M7.2	Offsets	The proponent shall continue to implement the Land Acquisition and Management Plan for twenty (20) years from 30 November 2016.	Implement the Land Acquisition and Management Plan for twenty (20) years from 30 November 2016.	This report is the first CAR for MS1148. R_202007_RPT_DBCA to MRWA – Offset Implementation	Overall	Until 30 November 2036.	C	The LAMP continues to be implemented.
1148:M7.3	Offsets	The proponent shall continue to implement the <i>Typha orientalis</i> Control Program until the CEO has provided notice in writing that the completion criteria of that Program have been achieved.	Implement the <i>Typha orientalis</i> Control Program until the CEO has provided notice in writing that the completion criteria of that Program have been achieved.	This report is the first CAR for MS1148. L20200911_LTR_DWERTo MRWA Approval to cease <i>Typha orientalis</i> control program	Overall	Until the CEO has provided notice in writing that the completion criteria of that Program have been achieved.	CLD	DWER has provided notice that the <i>Typha orientalis</i> program is complete

# Appendix C: Subsidiary Plans

## Appendix C: Subsidiary Plans Summary of Compliance

Management Plan	Status	Comments
Compliance Assessment Plan	C	This is the first Compliance Assessment Report (CAR) under MS1148. Previous compliance was under MS1008.
Drainage Management and Monitoring Plan	C	No non-conformances were reported in this audit period. The Drainage Management and Monitoring Plan was implemented during the construction works during this audit period. An Annual Report for the Drainage Management and Monitoring Plan has been completed demonstrating the implementation and outcomes of the Drainage Management and Monitoring Plan. This report will be submitted as part of this CAR.
Flora and Vegetation Monitoring and Management Plan	C	No non-conformances were reported in this audit period. The focus of the FVMMP is on annual Spring vegetation monitoring outside the Project area. Spring vegetation monitoring was undertaken in November 2020. The annual report was completed and will be submitted as part of this CAR.
Land Acquisition and Management Plan	C	No non-conformances were reported in this audit period.
Typha Control Plan	C	The annual monitoring survey was completed in March 2019 and have approval from DWER to cease monitoring.
Wetlands Monitoring and Management Plan	C	No non-conformances were reported in this audit period. The Wetlands Monitoring and Management Plan, and all approved revisions, were implemented prior to the commencement of construction. An Annual Compliance Report for the Wetland Monitoring and Management Plan has been completed, demonstrating the implementation and outcomes of the Wetlands Monitoring and Management Plan. This report will be submitted as part of this CAR.
Vegetation Rehabilitation Plan	C	Areas were planted between July 2019 and April 2020. Monitoring indicates progress towards completion criteria, with contingency planting and seeding undertaken in Winter 2021.

# Appendix D: Evidence related to potential non-compliance

No Non-conformances

# Appendix E: Evidence Summary Table

Appendix E - Evidence Summary Table

Blue shaded items attached to this Compliance Assessment Report

Document reference	Topic
L_20190924_ClearingtoDate_NativeVeg_v05	Clearing area during this audit period (2 July 2019 – 1 July 2020)
L_Aerial of disturbed land_April 2020	Aerial imagery from April 2020, showing the total clearing area.
R_20160927_RPT_Strategen_Roe Highway Extension_2016 CAR	2016 Compliance Assessment Report for audit period 2 July 2015 to 1 July 2016
C_20160928_LTR_MRWA_EPA_Roe Highway Extension_2016 CAR Cover Letter	Record of submission of 2016 CAR to OEPA
R_20170519_RPT_MRWA_Roe Highway Extension_2017 Interim CAR	Interim Compliance Assessment Report for audit period 2 July 2016 to 19 May 2017
C_20170519_LTR_MRWA_Roe Highway Extension_2017 Interim CAR Cover Letter	Record of submission of Interim CAR to OEPA
R_201709_RPT_MRWA_Roe Highway Extension_2017 CAR	2017 Compliance Assessment Report for audit period 2 July 2016 to 1 July 2017
C_20170918_RPT_MRWA_Roe Highway Extension_2017 CAR Cover Letter	Record of submission of 2017 CAR to OEPA
R_20181002_RPT_MRWA_Roe Highway Extension_2018 CAR	2018 Compliance Assessment Report for audit period 2 July 2017 to 1 July 2018
C_20181002_RPT_MRWA_Roe Highway Extension_2018 CAR Cover Letter	Record of submission of 2018 CAR to OEPA
<a href="https://project.mainroads.wa.gov.au/roe8/environment/Pages/managementplans.aspx">https://project.mainroads.wa.gov.au/roe8/environment/Pages/managementplans.aspx</a>	Main Roads website
C_20161130_LTR_OEPA_Public Availability of MS 1008 Plans and Reports	OEPA accepting MRWA proposal for public availability of MS 1008 Plans and Reports
R_20170516_RPT_AECOM_Groundwater Operating Strategy_Eastern Water Supply Bore Rev 2	Eastern Bore Groundwater Operating Strategy showing the bore location outside the wetland buffer area
L_20170526_DWER_Licence to take Water - 5C	Licence to take water from bores outside wetland buffer area
L_2016126_DWER_26D_Licence to construct or alter a well	Licence to construct the well outside the wetland buffer area
R_20190730_MRIA_Site Environment Plan_W81020-SEP-EN-0055_Zone 6 Works_RevF	Site Environmental Plan used for construction works within Zone 6
C_20181205_EML_MRIA_PASS west of Bibra Drive	Actions to be implemented for PASS west of Bibra Drive
R_201909_RPT_MRIA_Annual Drainage Monitoring and Management Plan Report	Drainage Monitoring and Management Plan Annual Report 2019
R_201909_RPT_MRIA_Annual Wetland Monitoring Compliance Report	Wetland Monitoring and Management Plan Annual Report 2019
R_20190110_RPT_MRIA_Annual Flora and Vegetation Monitoring Compliance Report	Flora and Vegetation Monitoring and Management Plan Annual Report 2019
R_201909_RPT_MRIA_Fauna Management Plan Annual Compliance Report_Rev0	Annual Compliance Report required for the Fauna Management Plan 2019
L_20190904_LTR_MRIA_Aquatic Macroinvertebrate Exceedance Report	Macroinvertebrate exceedance letter
L_20190903_LTR_MRIA_NC Investigation Final	Non-conformance letter for omission of sediment sampling
C_20190903_LTR_MS1008 Potential non-compliance and exceedance report	Sending NC investigation and exceedances to OEPA
L_20190807_RPT_MRIA Exceedance Letter_Example	Example of a submitted exceedance letter for MRWA WMMP water monitoring
C_20190403_RPT_DWER_Addendum Acceptance Letter Roe Highway Stage 8 Extension	Acceptance of Addendum Letter from DWER.
R_20190328_RPT_MRIA_WMMP Addendum_Rev 0 Final	Approved WMMP Addendum
R_20190625_RPT_Aurecon_Roe Highway Extension May 2019 Typha Orientalis Vegetation Survey	<i>Typha orientalis</i> Annual Survey
L_20181221_MRIA_Vegetation Condition Monitoring 2018 Exceedances	Vegetation condition monitoring exceedance letter
R_20190509_RPT_MRIA_CAR 2019	2019 Compliance Assessment Report for audit period 2 July 2018 to 1 July 2019
R_20200117_RPT_MRIA_DMMP Addendum_Rev 1	Approved DMMP Addendum
C_20200129_LTR_DWER_Addendum Acceptance Letter Roe Highway Stage 8 Extension	Acceptance of DMMP Addendum letter from DWER
R_20200828_RPT_MRIA_Annual Report DMMP	Drainage Monitoring and Management Plan Annual Report 2020
R_20200828_RPT_MRIA_Annual Report WMMP	Wetland Monitoring and Management Plan Annual Report 2020
R_20200828_RPT_MRIA_Annual Report FVMMP	Flora and Vegetation Monitoring and Management Plan Annual Report 2020
R_20200830_RPT_MRIA_Fauna Management Plan Annual Compliance Report	Annual Compliance Report required for the Fauna Management Plan 2020
L_20191119_LTR_MRIA_Wetland Monitoring Annual Sediment Sampling Trigger Exceedances for Aug 2019	Wetland Monitoring Annual Sediment Sampling exceedance letter

Appendix E - Evidence Summary Table

Blue shaded items attached to this Compliance Assessment Report

L_20200504_LTR_MRIA_Wetland Monitoring Water Quality Parameters Trigger Exceedances for April 2020	Example of a submitted exceedance letter for MRIA WMMP water monitoring 2020
C_20200316_LTR_DAWA_Annual Compliance Report_Approved_Close Out Letter	2019 CAR approved by DAWA and satisfies requirements of condition 12 of the approval
L_20200907_Vegetation Condition ME5 Exceedance	Vegetation condition monitoring 2019 exceedance letter
E_20200619_EML_Completion of Construction MS1008_6-3	Evidence that final shapefiles for Schedule 1 were submitted within 2 months of construction completion
R_202007_RPT_DBCA to MRWA – Offset Implementation	Evidence that LAMP is being implemented
R_202006_Summary Report 2020 Typha orientalis Control Program D20#407128	Evidence Typha control was undertaken in 2020 Final
R_20201001_RPT_MRWA_MS1148_CAP	Compliance Assessment Plan for MS1148
R_20211001_RPT_MRIA to MRWA Annual Report DMMP	Drainage Monitoring and Management Plan Annual Report 2020
R_20211001_RPT_MRIA to MRWA Annual Report WMMP	Annual Report WMMP inc. Waterbird report
R_20210629_RPT Annual Report FVMMP	Annual Report FVMMP
R_20210415_MRIA-MRWA Revegetation Survey	Vegetation Rehabilitation Plan survey
L_20210910_LTR_MRIA to MRWA re Fauna Underpass inspections 2021	Fauna Crossing evidence
R_202007_RPT_DBCA to MRWA – Offset Implementation	LAMP evidence from DBCA
L_20210302_LTR_DWER_Exceedance Letter_WMMP	Example Exceedance letter for MRIA WMMP water monitoring 2021
R_20200730_RPT_RR8_Rehabilitation Report	Annual Report for the Rehabilitation Zone
L_20210608_LTR_RR8 to MRWA_Advisory Committee	Letter from RR8 to MRWA about Rehabilitating Roe 8 Management Plan Interpretation Values
M_20200731_RR8 Governance Committee Minutes	Minutes of Governance Committee Meeting
R_20201014_RPT_Phytophthora Dieback Reassessment of Roe 8 Development Envelope	Post construction Dieback survey
L_20201020_LTR_MRWA Letter to DWER re Dieback Survey	Letter from MRWA to DWER re Post construction Dieback Survey
L20200911_LTR_DWERto MRWA Approval to cease Typha orientalis control program	DWER approval to cease Typha Orientalis control program