

Australian Government





NorthLinkWA Perth-Darwin National Highway

Compliance Assessment Report

Perth–Darwin National Highway (Swan Valley Section)

DECEMBER 2019



D19#985587

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Document Control

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1 INTRODUCTION

This Compliance Assessment Report (CAR) has been prepared to document compliance with Ministerial Statement No. 1036 (MS 1036) issued for implementation of the Perth-Darwin National Highway (Swan Valley Section), under the *Environmental Protection Act 1986* (EP Act). The CAR has been prepared in accordance with condition 4-6 of MS 1036 as well as the Office of the Environmental Protection Authority (OEPA) Post Assessment Guideline No. 3 – *Post Assessment Guideline for Preparing a Compliance Assessment Report* (PAG 3; OEPA 2012).

1.1 Project Background

The Commissioner for Main Roads Western Australia (MRWA) is the proponent for the Perth-Darwin National Highway (Swan Valley Section; the project). The project is to construct and operate an approximately 38 kilometre (km) dual carriageway highway from the intersection of Tonkin Highway and Reid Highway in Malaga that connects with the Great Northern Highway and Brand Highway in Muchea (Figure 1). The project is being constructed in two stages – namely the Central section and Northern section.

The Central section involves construction south of Maralla Road (approximately 17.5 km) and the Northern section involves construction from Maralla Road north to Muchea (approximately 20.5 km). Construction on these main sections commenced in May and September 2017. It is noted that a small area of construction occurred near Maralla Road in March 2017, as a separate activity to the Central and Northern sections.

The project was granted approval to be implemented, subject to a number of conditions, under the EP Act on 23 September 2016. Since this time, the following three changes have been made:

- 1. On 24 November 2016, a s46 clerical mistake/unintentional error change was made in regard to Condition 12-3 such that the Fauna-Construction-Condition Environmental Management Plan shall include management actions rather than threshold contingency actions.
- 2. On 7 June 2017, a s45C change to the proposal was made, specifically:
 - a) Alteration of development envelope to allow for the construction of additional minor roads and driveways.
 - b) Increase in the development envelope by 19.07 ha from 985 ha to 1,004.07 ha.
 - c) Up to 0.34 ha of native vegetation will be cleared in the additional areas of the development envelope.
- 3. On 7 November 2017, a change to condition 16.20 was approved under s46C and included the deletion of Condition 16-20 and replacement with alternate text.

A Section 46C application has been submitted to and is currently being considered by the Department of Water and Environmental Regulation (DWER). The application is to amend conditions 10-1(1), 14-1(1), 14-1(2), 14-9 and Figure 6 of Schedule 1 to delete reference to the 'Claypans of the Swan Coastal Plain' Threatened Ecological Community (TEC) following advice from the Department of Biodiversity, Conservation and Attractions (DBCA) that the 'Claypans of the Swan Coastal Plain' TEC identified on Figure 6 of Schedule 1 of Ministerial Statement 1036 is not considered to represent the TEC. The Section 46C application also seeks to amend the wording of condition 16-5 in relation to the implementation of the offset at loppolo Road, Chittering.

1.2 Purpose and scope

This CAR documents compliance with conditions in MS 1036 for the period 20 September 2018 to 19 September 2019, in accordance with Condition 4-6 which states:

The proponent shall submit to the CEO the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO.

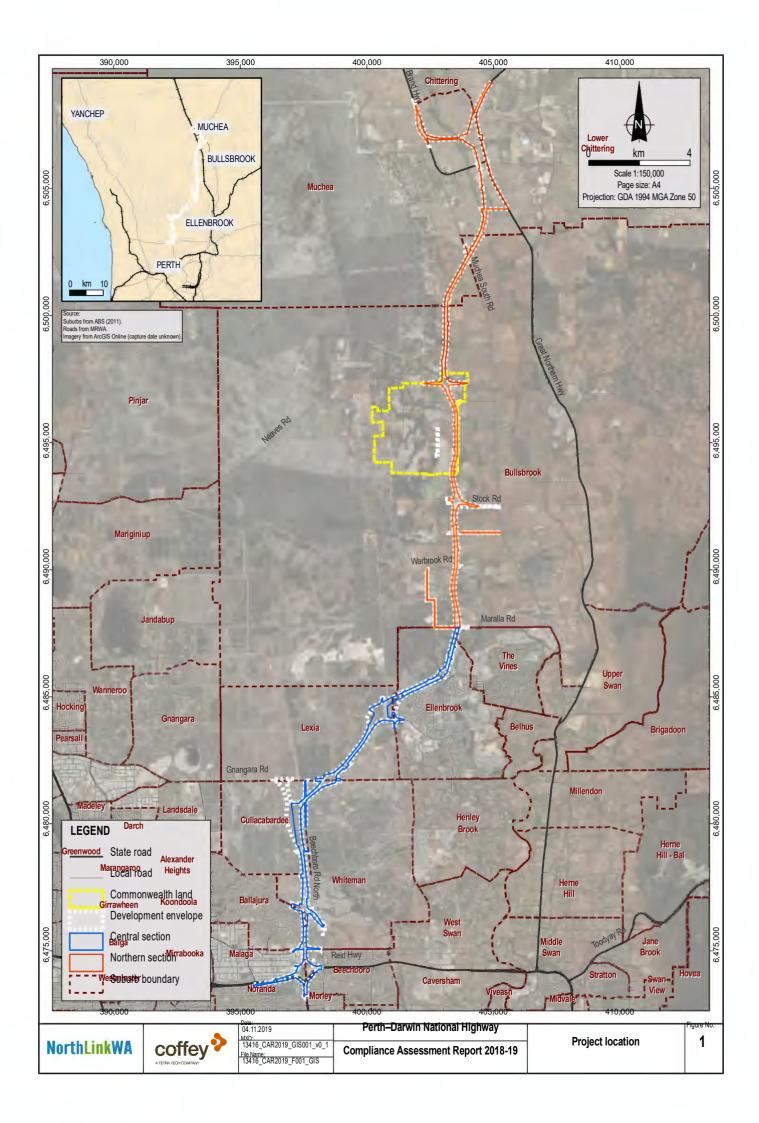
The Compliance Assessment Report shall:

- (1) be endorsed by the proponent's Chief Executive Office 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 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 4-1.

This CAR documents compliance with condition environmental outcomes and condition environmental objectives identified in MS 1036 and the Condition Environmental Management Plans (Condition EMPs).

1.3 Compliance Assessment Plan (CAP)

This CAR has been developed in accordance with the Compliance Assessment Plan (CAP; Eco Logical Australia [ELA] 2018a) which was revised and subsequently approved by Department of Water and Environmental Regulation (DWER) on 7th February 2019 (C003 in Appendix C). The CAR must indicate any proposed changes to the CAP in accordance with MS Condition 4-6. Changes to the CAP were made in Revision 2 and included the removal of the annual review requirement (ELA 2018a). The revised and approved CAP is publicly available on the MRWA website (MRWA 2019).



2 SUMMARY OF PROPOSAL'S IMPLEMENTATION STATUS

MRWA has commenced implementation of the proposal. The proposal is still in the construction phase, with several stages of construction having been completed or underway (i.e. Maralla Road activity, Central section and Northern section). Construction of the Central section was completed in March 2019, which has been open, from the Tonkin Highway/Reid Highway intersection in Malaga through to the Promenade in Ellenbrook, as of 18 August 2019.

The Northern section is approximately 90% complete, with construction expected to be completed by the end of 2019 when the entire proposal will move into the operational phase.



3 STATEMENT OF COMPLIANCE

The Statement of Compliance form is provided in the following pages.



Statement of Compliance

1 Proposal and Proponent Details

Proposal Title	Perth to Darwin National Highway (Swan Valley Section)
Statement Number	Ministerial Statement No. 1036
Proponent Name	Commissioner for Main Roads Western Australia
Proponent's Australian Company Number (where relevant)	50 860 676 021

2 Statement of Compliance Details

Reporting Period	20/09/18 to 19/09/19

Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))						
Pre-construction	Construction	1	Operation	√*	Decommissioning	

* the Central section was in the operational phase from April 2019 onwards.

Audit Table for Statement addressed in this Statement of Compliance is provided at Attachment:	Appendix B
An audit table for the Statement addressed in this Statement of Compliance must be pro- Statement of Compliance. The audit table must be prepared and maintained in accorn Water and Environmental Regulation (DWER) <i>Post Assessment Guideline for Preparing</i> from time to time. The 'Status Column' of the audit table must accurately describe the implementation condition and/or procedure for the reporting period of this Statement of may be used by the proponent in the 'Status Column' of the audit table are limited to the listed and defined in Table 1 of Attachment 1.	dance with the Department of g an Audit Table, as amended he compliance status of each f Compliance. The terms that

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)	~	Yes (please proceed to Section 4)		

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-c Condition 9-9 of MS 1036	ompliant?
Was the implementation condition or procedure non-compliant or potentially non-com	npliant?
Non-compliant	
On what date(s) did the non-compliance or potential non-compliance occur (if applica	able)?
26 November 2018	
Was this non-compliance or potential non-compliance reported to the Chief Executive	e Officer, DWER?
✓ Yes □ Reported to DWER verbally ↓ Pate Date Date 3 December 2018 (C001)) 「 No
What are the details of the non-compliance or potential non-compliance and where associated with the non-compliance or potential non-compliance?	e relevant, the extent of and impacts
The non-compliances relate to evidence of construction activities and a stockpile or verge material observed within the 10 m buffer zone of the Threatened flora species undertaken by an ecologist on 29 November 2018 found 58 <i>Darwinia foetida</i> plants w ecologist reported none of these plants had been directly affected by the construction in the buffer zone.	es <i>Darwinia foetida</i> . A site inspection ithin an approximately 2 m ² area. The activities or the stockpiling of material
this information as a map or GIS co-ordinates) The Great Northern Highway road reserve at Muchea.	
GPS Coordinate Location: 404561.94E 6506599.11N	
What was the cause(s) of the non-compliance or potential non-compliance?	
Construction activities and stockpiling of material within the 10 m buffer zone for Dan	
What remedial and/or corrective action(s), if any, were taken or are proposed to be tak or potential non-compliance?	ken in response to the non-compliance
MRWA immediately ceased all works within the buffer zone, and had the stockpiled area in the buffer zone under the supervision of environmental personnel. Subseque fencing, bunting and signage to prevent further breaches of the 10 m buffer, environmental and it will be monitored quarterly by an ecologist. MRWA have engaged with local government to advise them of the location of <i>Darwin</i> and ensure the protection of the 10 m buffer and continue to communicate and liaise and management of the area. Noting the above, DWER considers the non-compliance to be resolved (C001 in App What measures, if any, were in place to prevent the non-compliance or potential non-if any, amendments have been made to those measures to prevent re-occurrence?	ently MRWA have installed temporary ental personnel inspect the site weekly, <i>inia foetida</i> population to mitigate risks with DBCA and DWER on monitoring pendix C).
The measures outlined within the Flora and Vegetation Construction Environment Ma was reviewed, updated and approved (C024; Rev 5; 14 February 2019) following the	
Please provide information/documentation collected and recorded in relation to this in	mplementation condition or procedure:
 in the reporting period addressed in this Statement of Compliance; and as outlined in the approved Compliance Assessment Plan for the Statement Compliance. (the above information may be provided as an attachment to this Statement of Comp 	
Supporting documentation C001 and C024 in Appendix C.	and the second second
Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this INITIALS:	s Statement of Compliance.



Non-compliance/potential non-compliance 3-2

elementation condition or procedure was	non-compliant or potentially non-complian	t?
M8-4(1) of MS 1036		
mplementation condition or procedure no	on-compliant or potentially non-compliant?	
v non-compliant		
ate(s) did the non-compliance or potent	ial non-compliance occur (if applicable)?	
, June 2019 and July 2019		
non-compliance or potential non-complia	ince reported to the Chief Executive Officer	, DWER?
☐ Reported to DWER verbally✓ Reported to DWER in writing	Date Date: 4 September 2019 (C019)	□ No
	M8-4(1) of MS 1036 mplementation condition or procedure no r non-compliant late(s) did the non-compliance or potent , June 2019 and July 2019 non-compliance or potential non-complia	nplementation condition or procedure non-compliant or potentially non-compliant? (non-compliant late(s) did the non-compliance or potential non-compliance occur (if applicable)? , June 2019 and July 2019 non-compliance or potential non-compliance reported to the Chief Executive Officer □ Reported to DWER verbally Date

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?

The potential non-compliances relate to reporting timeframes, specifically 'the proponent shall report the exceedance in writing within 7 days of the exceedance being identified'. In May, June and July 2019 a number of surface and groundwater exceedances were identified and reported to Main Roads. However these exceedances were not reported to DWER within the 7 day reporting period. Main Roads notified DWER of these potential non-compliances on 4 September 2019. DWER responded noting that the June exceedances were not project attributable and that no contingency actions were required, and that the late reporting was not considered to constitute a non-compliance (C019 in Appendix C). The status of the late reporting for May and July is currently pending.

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)

N/A

What was the cause(s) of the non-compliance or potential non-compliance?

The cause was a breakdown in communication resulting from a new member of staff being unaware of the correct lines of communication and internal procedures.

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?

Internal procedures have been relayed to the new member of staff.

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?

N/A

Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:

- in the reporting period addressed in this Statement of Compliance; and
- as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.

(the above information may be provided as an attachment to this Statement of Compliance)

Supporting documentation C019 in Appendix C.

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

4 Proponent Declaration

I, Rob ARDOTT (full name and position title)

declare that I am authorised on behalf of Commission of MAN ROADS

(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: 11/12/2019

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.

5 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.

6 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

7 Post Assessment Guidelines and Forms

Post assessment documents can be found at <u>www.epa.wa.gov.au</u>

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



ATTACHMENT 1

Table 1: Compliance Status Terms

Compliance Status Terms	Abbrev	Definition	Notes
Compliant	С	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	 This term applies to audit elements with: ongoing requirements that have been met during the reporting period; and 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'.
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.	 This term may only be used where: audit elements have a finite period of application (e.g. construction activities, development of a document); the action has been satisfactorily completed; and the DWER has provided written acceptance of 'completed' status for the audit element.
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.
In Process	IP	Where an audit element requires a management or monitoring plan be submitted to the DWER or another government agency for approval, that submission has been made and no further information or changes have been requested by the DWER or the other government agency and assessment by the DWER or other government agency for approval is still pending.	The term 'In Process' may not be used for any purpose other than that stated in the Definition Column. 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).

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



ATTACHMENT 2

An audit table for the Statement addressed in this Statement of Compliance must be provided as Attachment 2. The audit table is provided in Appendix B. The audit table has been prepared and maintained in accordance with the OEPA's Post Assessment Guideline for Preparing an Audit Table (OEPA 2012). The 'Status Column' of the audit table accurately describes the compliance status of each implementation condition and/or procedure for the reporting period of this Statement of Compliance (20 September 2018 to 19 September 2019). The terms that have been used in the 'Status Column' of the audit table are limited to the Compliance Status Terms listed and defined in Table 1 of Attachment 1 above.

4 DETAILS OF DECLARED COMPLIANCE STATUS

4.1 Summary of Compliance

Compliance with the conditions of MS 1036 are outlined in the audit table provided in Appendix B in accordance with the CAP and the DWER's Statement of Compliance.

In summary, there was one non-compliance and two potential non-compliances as outlined in Section 3.

A non-compliance with MS 1036 condition 1-1 was identified on 26 November 2018. The non-compliance was reported to DWER within 7 days and remedial and/or corrective action(s) were taken in response to the non-compliance as outlined in Section 3 (Appendix B; C001 in Appendix C).

A potential non-compliance with MS 1036 condition 1-1 was identified on 18 September 2018 (Appendix B). The potential non-compliance was reported to DWER within 7 days; however, DWER were satisfied with MRWA response to the incident and given the small-scale nature of the impact did not consider the incident to constitute a non-compliance with MS1036 Condition 1-1 (C002 in Appendix C).

A number of potential non-compliances with MS 1036 condition 8-4(1) were identified in September 2019 relating to reporting timeframes (Section 3). In May, June and July 2019 a number of surface and groundwater exceedances were identified and reported to Main Roads; these exceedances were not reported to DWER within the 7 day reporting period due to an internal miscommunication resulting in the exceedance reports from the Construction Contractor not being passed on to the Main Roads Principal Environmental Officer. Main Roads notified DWER of these potential non-compliances on 4 September 2019 once they became aware of the issue. DWER responded noting that the June exceedances were not project attributable and that no contingency actions were required, and that the late reporting was not considered to constitute a non-compliance (C019 in Appendix C). The status of the late reporting for May and July is currently pending.

With regards to the Management Plans and Offset Strategies, Main Roads is complying with implementing the plans and there were no non-conformances or potential non-conformances with the plans and/or strategies during the reporting period (refer to Section 4.2).

4.2 Environmental Management Plans and Offset Strategies

The following management plans and/or offsets strategies are required to be implemented by MS 1036, have been approved by DWER and were in effect during this reporting period:

- Condition 9: Flora and Vegetation Construction Condition Environmental Management Plan.
- Condition 10: Flora and Vegetation Indirect Impacts and Threatened Flora and Communities Condition Environmental Management Plan.
- Condition 11: Flora and Vegetation Progressive Rehabilitation Condition Environmental Management Plan.
- Condition 12: Fauna Construction Condition Environmental Management Plan.
- Condition 13: Inland Waters Environmental Quality Hydrological Processes Condition Environmental Management Plan.
- Condition 14: Flora and Vegetation Inland Waters Environmental Quality Hydrological Processes Condition Environmental Management Plan.

- Condition 15: Amenity (Noise) Condition Environmental Management Plan.
- Condition 16: Ioppolo Road Site Land Acquisition and Management Plan.
- Condition 16: *Caladenia huegelii* Habitat Management Plan.
- Condition 16: Land Acquisition and Rehabilitation Offsets Strategy.
- Condition 16: SCP 20a Offsets Strategy.

During the reporting period, a number of management plans and offsets strategies were reviewed, revised and subsequently approved by DWER including:

- Condition 9: Flora & Vegetation Construction Condition EMP (Rev 5; C024 in Appendix C).
- Condition 11: Flora & Vegetation Progressive Rehabilitation Condition EMP (Rev 4; C025 in Appendix C).
- Condition 12 : Fauna Construction Condition EMP (Rev 4 ; C026 in Appendix C).
- Condition 13 : Inland Waters Environmental Quality Hydrological Process Condition EMP (Rev 7; C027 in Appendix C).
- Condition 15: Amenity Noise Condition EMP (Rev 4; C023 in Appendix C).
- Condition 16: Land Acquisition and Rehabilitation Offsets Strategy (Rev 3; C022 in Appendix C).
- Condition 16: Caladenia huegelii Habitat Management Plan (Rev 5; C028 in Appendix C).
- Condition 16: SCP20a Offsets Strategy (Rev 4; C021 in Appendix C).

The most recent approved management plans and offsets strategies are publicly available on the MRWA website (MRWA 2019).

The majority of the management plans listed above are required to have their performance assessed for compliance against the MS conditions and reported in the CAR. The Condition EMPs are either management based (Section 4.2.1) or outcome based (Section 0); however, it should be noted that the loppolo Road Site Land Acquisition and Management Plan and the *Caladenia huegelii* Habitat Management Plan are not Condition EMPs and do not contain management targets, therefore assessment of compliance against these plans is limited to the implementation of the management activities in achieving the environmental objectives or outcomes. These two management plans are addressed separately in Section 4.2.3.

The Land Acquisition and Rehabilitation Offsets Strategy and SCP20a Offsets Strategy are required to have their performance assessed for compliance against the MS Conditions and reported in the CAR. Given that both documents were only recently approved (2019; C021 and C022 in Appendix C), they have not been assessed in previous years' CARs. The offset strategies are subsequently addressed in Section 4.2.3.

Examples of supporting evidence have been provided (Appendix C). Further evidence can be provided upon request if required.

4.2.1 Condition EMPs (management based)

The following plans are management based EMPs:

- Flora and Vegetation Construction Condition Environmental Management Plan.
- Flora and Vegetation Indirect Impacts and Threatened Flora and Communities Condition Environmental Management Plan.
- Flora and Vegetation Progressive Rehabilitation Condition Environmental Management Plan.
- Fauna Construction Condition Environmental Management Plan.

• Amenity (Noise) – Condition Environmental Management Plan.

The management based Condition EMPs have been assessed for compliance in achieving the environmental objectives as well as being assessed for compliance with the MS conditions (Table 4-1).

It should be noted that March 2019 was the final 'construction' phase monitoring event undertaken under the approved Condition EMPs for the Central section. From April 2019 monitoring for the Central section was conducted in accordance with 'post-construction' frequency and regimes for all Condition EMPs.

Table 4-1	Status of compliance against Condition EMPs (management based)
Table 4-1	Status of compliance against condition ENPs (management based)

Condition environmental objective or outcome set in the Condition EMP or in MS1036	Reporting on the management objectives and management annually, commencing 12 months from date of issue	Status
Key environmental factor: Flora and Veg	getation Ministerial Statement 1036, conditions 9	-1 to 9-9
Condition EMP: Flora and Vegetation –	Construction	
Condition environmental objective 1: To ensure that <i>Phytophthora</i> <i>cinnamomi</i> is not introduced into disease free areas by construction activities during construction.	 Phytophthora cinnamomi was not introduced into disease-free areas by construction activities during the reporting period. Weekly inspection checklists did not identify any non-conformances with hygiene measures during the reporting period; however, a number of incidents where fencing was found to be broken and members of the public were thought to be illegally accessing dieback infested areas were recorded and remedial actions, such as reinstating the fencing, were undertaken (IC001-IC011 in Appendix C). 	Compliant
	The annual spring dieback surveys for the Central and Northern sections show that <i>Phytophthora cinnamomi</i> was not introduced into disease-free areas by construction activities during the reporting period (R002 and R003 in Appendix C).	
Condition environmental objective 2: To ensure that impacts to flora and vegetation from dust are minimised as far as practicable during construction	Impacts to flora and vegetation from dust were minimised as far as practicable during construction. Dust >10 m from the edge of native vegetation was identified during quarterly monitoring events and was considered likely due to construction activities. Measures were implemented to prevent further exceedances including: ensuring housekeeping is up to a Tier 1 contractor standard; sealing roads, using landscape treatments on unsealed roads, and increased water cart movements along some sections of haul road. Subsequently, DWER confirmed that they were satisfied that the early warning trigger exceedances had not caused environmental harm and that the remedial	Compliant

months from date of issue	
actions implemented were appropriate (C006 and C009 in Appendix C).	
Impacts to flora and vegetation from the introduction or spread of weeds were minimised as far as practicable during construction. One potential non-compliance was identified in October 2018 when observations of a spread in the weed <i>Watsonia meriana</i> var <i>bulbillifera</i> were observed in the buffer of the Threatened flora species <i>Darwinia foetida</i> . It appeared that the Watsonia had smothered the Darwinia and as a result, no Darwinia individuals could be observed. MRWA liaised closely with DBCA; however, Darwinia individuals were later observed during a follow up survey thus making the potential non-compliance void (C020 in Appendix C). Monthly weed monitoring surveys (R015-R027 in Appendix C) and the annual weed monitoring survey undertaken in August 2018 (R014 in Appendix C) did not detect any impacts to native	Compliant
flora and vegetation as a result in an increase in weeds attributable to construction activities.	
No clearing was undertaken and no laydown areas or stockpiles were constructed within the 50 m buffer of <i>Caladenia huegelii</i> . Weekly inspection checklists and shapefiles did not observe any clearing, laydown areas or stockpiles being constructed within the 50 m buffer of <i>Caladenia huegelii</i> as shown in Figure 2 of Schedule 1 of MS1036 (IC001-IC003 and D001 in Appendix C).	Compliant
Construction activities and a stockpile of excavated road pavement and road verge material were observed within the 10 m buffer zone of the Threatened flora species <i>Darwinia</i> <i>foetida</i> in November 2018 (C001 and R001 in Appendix C). Works were immediately ceased within the buffer zone and the stockpiled material was removed. Temporary fencing, bunting and signage was subsequently installed to prevent further breaches of the 10 m buffer. Environmental personnel inspect the site weekly, and it will be monitored quarterly by an ecologist (Refer to Section 3).	Compliant (a non-compliance was reported in November 2018 but has since been resolved; refer to Section 3).
	 and C009 in Appendix C). Impacts to flora and vegetation from the introduction or spread of weeds were minimised as far as practicable during construction. One potential non-compliance was identified in October 2018 when observations of a spread in the weed <i>Watsonia meriana</i> var <i>bulbillifera</i> were observed in the buffer of the Threatened flora species <i>Darwinia foetida</i>. It appeared that the Watsonia had smothered the Darwinia and as a result, no Darwinia individuals could be observed. MRWA liaised closely with DBCA; however, Darwinia individuals were later observed during a follow up survey thus making the potential non-compliance void (C020 in Appendix C). Monthly weed monitoring surveys (R015-R027 in Appendix C) and the annual weed monitoring survey undertaken in August 2018 (R014 in Appendix C) and the annual weed monitoring survey undertaken in August 2018 (R014 in Appendix C) did not detect any impacts to native flora and vegetation as a result in an increase in weeds attributable to construction activities. No clearing was undertaken and no laydown areas or stockpiles were constructed within the 50 m buffer of <i>Caladenia huegelii</i>. Weekly inspection checklists and shapefiles did not observe any clearing, laydown areas or stockpiles being constructed within the 50 m buffer of <i>Caladenia huegelii</i> as shown in Figure 2 of Schedule 1 of MS1036 (IC001-IC003 and D001 in Appendix C). Construction activities and a stockpile of excavated road pavement and road verge material were observed within the 10 m buffer zone of the Threatened flora species <i>Darwinia foetida</i> in November 2018 (C001 and R001 in Appendix C). Works were immediately ceased within the buffer zone and the stockpiled material was removed. Temporary fencing, bunting and signage was subsequently installed to prevent further breaches of the 10 m buffer. Environmental personnel inspect the site weekly, and it will be monitored quarterly by an

Condition environmental objective or outcome set in the Condition EMP or in MS1036	Reporting on the management objectives and management annually, commencing 12 months from date of issue	Status
	stockpiles were constructed within the 10 m buffer of <i>Grevillea curviloba</i> subsp. <i>Incurva</i> (IC004-IC009 and D001 in Appendix C).	
Key environmental factor: Flora and Veg	getation Ministerial Statement 1036, conditions 1	0-1 and 10-2
Condition EMP: Flora and Vegetation –	Indirect Impacts and Threatened Flora and Comm	unities
Condition environmental objective 1: To ensure that indirect impacts, including but not limited to weeds, unauthorised access, increased fire risk and litter, changes to surface water regimes, to flora and vegetation, including but not limited to <i>Caladenia</i> <i>huegelii</i> habitat, <i>Grevillea curviloba</i> subsp. <i>incurva</i> , <i>Darwinia foetida</i> , Conservation Category Wetlands, Claypans of the Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) are minimised as far as practicable.	Indirect impacts to Threatened flora and communities were minimised as far as practicable. Potential indirect impacts are managed through weekly inspection checklists (examples provided in IC001-IC009 in Appendix C), monthly and quarterly monitoring (C010-C018 and R15-R33 in Appendix C), monitoring immediately after post-significant rainfall events (IC010 in Appendix C) and weekly for changes in surface water regimes (IC001-IC011 in Appendix C). Dust, windthrow, litter and plant stress >10 m from the edge of native vegetation were identified during all quarterly monitoring events, including within areas of <i>Caladenia huegelii</i> habitat and Conservation Category Wetlands. It is unlikely that windthrow or plant stress was due to construction activities; however, indirect impacts from dust and litter were considered likely due to construction activities. Measures were implemented to prevent further exceedances including ensuring housekeeping is up to a Tier 1 contractor standard, sealing roads, using landscape treatments on unsealed roads, and increasing water cart movements along some sections of the haul road. Whilst some indirect impacts from dust and litter are likely attributable to construction activities, measures are being implemented to reduce/prevent further exceedances. Indirect	Compliant
	impacts are therefore being minimised as far as practical.	
Condition environmental objective 2: To maintain or improve the condition of the remaining extent of SCP20a as shown in figure 4 [of Ministerial Statement 1036].	The condition of the remaining extent of SCP20a as shown in figure 4 [of Ministerial Statement 1036] was maintained or improved. Monthly and post-construction monitoring did not identify a decline in the condition of the remaining extent of SCP20a as shown in Figure 4	Compliant

Condition environmental objective or outcome set in the Condition EMP or n MS1036	Reporting on the management objectives and management annually, commencing 12 months from date of issue	Status
	activities (R028 to R031 and R033 in Appendix C).	
	It should be noted that during a recent study, the areas of SCP20a along Beechboro Road as identified in the MS1036 were found to not represent SCP20a (Woodman Environmental 2019; R007 in Appendix C). Therefore, in regard to the Condition 10-1 of the Ministerial Statement, and Management target 5 of the Condition EMP, the objective to 'Maintain or improve the condition of remaining extent of SCP20a as shown in Figure 4 (of Ministerial Statement 1036)' may be considered redundant. However, approximately 17.4 ha of SCP20a was identified elsewhere within the Study Area, enabling MS Condition 10-1 and Management target 5 to be implemented with respect to maintaining or improving the condition of the remaining extent of SCP20a within Whiteman Park (Woodman 2019).	
	getation, Ministerial Statement 1036 conditions 1	
	Progressive Rehabilitation Condition Environment	
Condition environmental objective 1: To progressively rehabilitate the areas of native vegetation cleared as a result of implementation of the proposal that are no longer required for construction activities or not required for ongoing operations.	No locations within development envelope will be temporarily cleared, therefore are no locations of temporary clearing that require rehabilitation.	Not required at this stage.
Condition environmental objective 2:	This section of road has been partially	Compliant
· · · · · · · · · · · · · · · · · · ·	decommissioned as access is still required for	
To rehabilitate the section of Beechboro Road North from Jules Steiner Memorial Drive to Gnangara Road within twelve months of decommissioning this section of road.	the powerline. Rehabilitation has commenced and was sighted by ELA during a site visit undertaken on 10 September 2019.	
Beechboro Road North from Jules Steiner Memorial Drive to Gnangara Road within twelve months of decommissioning this section of road.	and was sighted by ELA during a site visit	
Beechboro Road North from Jules Steiner Memorial Drive to Gnangara Road within twelve months of decommissioning this section of road.	and was sighted by ELA during a site visit undertaken on 10 September 2019.	

Condition environmental objective or outcome set in the Condition EMP or in MS1036	Reporting on the management objectives and management annually, commencing 12 months from date of issue	Status
	disturbance of active black cockatoo nests (IC001-IC009 in Appendix C).	
Key environmental factor: Amenity (noi	ise) Ministerial Statement No. 1036, conditions 15	-1 and 15-2
Condition EMP: Amenity (Noise)		
Condition environmental objective 1: To ensure that impacts to the noise amenity of existing sensitive receptors delineated in Figure 7 of Schedule 1 [of the Ministerial Statement] and defined by geographic coordinates in Schedule 2 [of the Ministerial Statement], as a result of the ongoing operation of the proposal are minimised as low as reasonably practicable.	Impacts from operational noise to existing sensitive receptors north of Maralla Road were minimised as low as reasonably practicable. All residents listed in the Amenity (noise) Condition EMP have been consulted and have received their packages as agreed.	Compliant
Condition environmental objective 2: To ensure that the impacts to the noise amenity of existing sensitive receptors, are consistent with section 5.3 of State Planning Policy 5.4 for properties south of Maralla Road.	Impacts from noise to existing sensitive receptors were consistent with section 5.3 of State Planning Policy 5.4 for properties south of Maralla Road. Noise walls have been constructed adjacent to noise sensitive properties south of Maralla Road. Noise monitoring will be undertaken in 2020 following the opening of the whole of NorthLink to assess the effectiveness of the noise walls.	Compliant

4.2.2 Condition EMPs (outcome based)

The following two Condition EMPs are outcome based rather than management based and are addressed separately:

- Inland Waters Environmental Quality Hydrological Processes Condition Environmental Management Plan.
- Flora and Vegetation Inland Waters Environmental Quality Hydrological Processes Condition Environmental Management Plan.

Monthly monitoring of groundwater and surface water quality was undertaken in both the Central and Northern sections from September 2018 to September 2019, inclusive (examples provided in R008-R013; C008 and R037 in Appendix C). Numerous exceedances of groundwater and surface water trigger and threshold criteria were identified during the reporting period, in relation to:

- Groundwater levels.
- Physiochemical parameters:
 - Acidity;
 - Total dissolved solids;
 - Nutrients;

- рН.
- Filtered metals.
- Hydrocarbons.
- Chemicals benzene, toluene, ethylbenzene and xylene (BTEX).

A review of the water quality monitoring results concluded that these exceedances were not considered to be a result of implementation of the proposal (Golder 2019).

Compliance of the above-mentioned Condition EMPs (outcome based) has been assessed according to the achievement of the environmental outcomes, provided in Table 4-2. An assessment of compliance of these Condition EMPs with the MS1036 conditions is provided in the audit table (Appendix B).

Condition environmental outcome	Reporting on the threshold criteria	Status
MS 1036 Condition 13: Inland Waters Env	ironmental Quality – Hydrological Processes – Condition E	MP
Condition environmental outcome 1: Construction and operation of the proposal shall not result in an acceptable decline in water quality of the Gnangara Underground Water Pollution Control Area (GUWPCA).	Construction and operation of the proposal has not resulted in an unacceptable decline in water quality of the GUWPCA. A number of exceedances of groundwater threshold criteria were recorded during the reporting period; however, exceedances were not considered to be caused by implementation of the proposal (C015 to C018; C008 and R037 in Appendix C).	Compliant
Condition environmental outcome 2: The construction and operation of the proposal shall not result in an unacceptable decline in water quality of the Ellen Brook as confirmed by monitoring for a period of 5 years post construction. MS1036 Condition 14: Flora and Vegetar Condition EMP	The proposal is still in the construction phase. Whilst the Central section has been completed, post-construction monitoring has only just commenced.	Not required at this stage al Processes
Condition environmental outcome 1: Construction and operation of the proposal, including from dewatering and groundwater abstraction, does not result in indirect impacts to the Claypans of the Swan Coastal Plain* and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and Conservation Category Wetlands as shown in figures 5 and 6 of MS1036.	Whilst exceedances of a number of management targets were identified during monitoring over the reporting period, none were attributable to construction activities. Construction and operation of the proposal has therefore not resulted in any indirect impacts to the Claypans of the Swan Coastal Plain* and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and/or the Conservation Category Wetlands as shown in figures 5 and 6 of MS1036. Examples of supporting evidence are provided in C015 to C018 and R008-R013, R037 in Appendix C. Further supporting evidence can be provided upon request.	Compliant
Condition environmental outcome 2: Construction of the proposal maintains predevelopment surface flows to the	Plant stress exceedances were recorded during a number of monitoring surveys; however, these were considered unlikely to be attributable to construction activities.	Compliant

Table 4-2 Status of compliance with Condition EMPs (outcome based)

Condition environmental outcome	Reporting on the threshold criteria	Status
Darwinia foetida, Claypans of the Swan Coastal Plain* and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and Conservation Category Wetlands.	Exceedances with the trigger and threshold criteria relating to the 40 m and 10 m buffers of <i>Darwinia foetida</i> occurred in November 2018 and February 2019 (C001 [letter from DWER], C004 [notification to Main Roads], C005 [notification to DWER] and R004 [Investigation report] in Appendix C). These exceedances were reported to DWER within 7 days and an investigation report provided to DWER within 60 days, in accordance with MS1036 condition 8-4 (refer to Section 3). DWER reported that the exceedance of the threshold criteria relating to the 10 m buffer represented a non-compliance but has since been resolved (refer to Section 3; C001 in Appendix C).	

* note that a further amendment under s46C was requested by MRWA in July 2018 to remove reference to the 'Claypans of the Swan Coastal Plain' Threatened Ecological Community (TEC). This amendment has been submitted to DWER for assessment and is currently pending.



4.2.3 Other management plans

The following plans are not Condition EMPs and are therefore addressed separately:

- The Ioppolo Road Site Land Acquisition and Management Plan
- The Caladenia huegelii Habitat Management Plan
- The Land Acquisition and Rehabilitation Offsets Strategy
- SCP20a Offsets Strategy.

Assessment of compliance against these plans is limited to assessing whether the overall environmental objective is being met through the implementation of the management activities (conforming, potentially non-conforming or non-conforming) provided in these plans (Table 4-3). Assessment of compliance of these plans against the MS conditions is provided in the audit table in Appendix B.

It should be noted that Main Roads have developed these plans and set up a funding arrangement (Memorandum of Understanding [MoU] with DBCA, in accordance with the MS1036 conditions as outlined in Appendix C. Given that the MoU was only established recently, annual reporting on the status of the management activities to be undertaken will not commence until next year (2020) which is outside the reporting period of this CAR.

In summary, Main Roads is complying with implementing the plans but a number of actions are still in process. There were no non-conformances or potential non-conformances with the above-mentioned plans and strategies during the reporting period.

Table 4-3 Status of compliance in undertaking the management activities and achieving the environmental objective

Management activities	Timeframe	Status and justification
Caladenia huegelii Habitat Management Plan Environmental objective: To maintain or requirements of the CEO.		
Management activities undertaken during this	s reporting period	
Provision of cable fencing and heavy duty gates	December 2019	Conforming Installation of fencing and gates at Kooljerrenup has been delayed owing to negotiations with the Shire of Murray (R036 in Appendix C). However, this is outside the control of Main Roads or the DBCA. Main Roads have advised DWER of the potential delay (C036 in Appendix C).
Weed mapping and control	Ongoing 2018 to 2021 (Implementing weed control)	Conforming The weed control program has been implemented to date. Weed control was undertaken during the reporting period (R036 and R038 in Appendix C).

Management activities	Timeframe	Status and justification
Phytophthora cinnamomi mapping	Follow up surveys in 2019 and 2021 (Reserves 46919, 46875 and Bush Forever 300) Follow up surveys 2020 and 2022 (Kooljerrennup)	Conforming A dieback survey is planned fo Bush Forever 300 before the end o December 2019 which is outside the reporting period of this CAF (R036 in Appendix C).
Caladenia huegelii surveys and critical habitat mapping.	Annual surveys (October)	Conforming Surveys were undertaken ir October 2019. The report is currently in progress and due November 2019 which is outside the reporting period of this CAF (R036 in Appendix C).
 Other Activities to be Undertaken to Maintain or Improve the Conservation Status of Caladenia huegelii Install washdown points at all 'heavy duty gates' installed as part of this plan (unless not required by the hygiene plan). Feral pig control measures within Reserve 23756. 	December 2018	Conforming Dieback washdown bays and signage have been installed at Maralla Road and Kooljerrenup. Feral pig control is on-going Monitoring and implementation of pig Management program was undertaken by DBCA in September 2019. (R036 in Appendix C).
Management activities proposed in the next 1	2 months	-
Dieback Management	On-going	Not required at this stage
Caladenia huegelii Survey	November 2020 (Annually throughout project duration)	Not required at this stage
Feral pig control	On-going. Annual Update on Activities to be submitted July 2020	Not required at this stage
Weed management including on-going weed control.	September 2020	Not required at this stage
 Fencing and access control including: Maralla Rd: maintenance as required Kooljerrenup: resolution of management of unmade road reserve with Shire of Murray Kooljerrenup: installation of fences and additional gates as agreed with Shire of Murray. 	Ongoing November 2019 December 2019	Not required at this stage

Management	activities
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Timeframe

Status and justification

• 7.65 ha of A Class Nature Reserves;

- 202 ha of Carnaby's Cockatoo (Calyptorhynchus latirostris) foraging habitat; and
- 99.1 ha of Forest Red-tailed Black Cockatoo (Calyptorhynchus banksii naso) foraging habitat.

Install nature reserve signage (10)	2017	Completed
Install <i>Phytophthora cinnamomi</i> Dieback signage (20)	2017	Completed
Permanently close tracks	2017-2023	Conforming Track closure was undertaken in 2017 as reported in the 2017 CAR (Coffey 2017) and is ongoing.
Gate maintenance	2017	Conforming Gate maintenance has not been undertaken as there are currently no gates on the reserve. DWER have been advised of this and have confirmed that Main Roads are implementing and conforming with the management plan (C036 in Appendix C).
Remove rubbish	2017	Conforming Major rubbish removal was completed in 2017 (C032 in Appendix C). Minor rubbish removal is ongoing and was completed in 2019 (C031 in Appendix C).
Feral animal monitoring and control (Wild deer and feral pigs)	Ongoing	Conforming Feral animal monitoring was undertaken in 2019 and is ongoing (C031 in Appendix C).
Survey and control of feral bees in black cockatoo habitat areas	2019	Conforming Will be undertaken mid-November 2019 which is outside the reporting period of this CAR (C031 in Appendix C).
Phytophthora cinnamomi Dieback re-survey and treatment	2018 and 2021	Conforming Undertaken in November 2018 (C031 in Appendix C)

• 5.5 hectares of Yanga Complex.

Management activities

Timeframe

Status and justification

- 129.9 hectares of Bush Forever sites.
- 5.2 hectares of Calyptorhynchus latirostris (Carnaby's black cockatoo) foraging habitat.
- 21.4 hectares of Calyptorhynchus banksii naso (forest red-tailed black cockatoo) foraging habitat.
- 16 hectares of Conservation Category Wetlands.

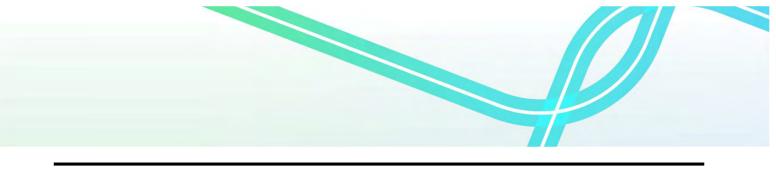
Lot 806 Brand Highway

Lot 806 Brand Highway		
Develop a Rehabilitation Plan	velop a Rehabilitation Plan December 2019	
Implement the Rehabilitation Plan	Within 12 months of the completion of construction	Not yet required
Completion of rehabilitation	Five years from commencement of rehabilitation	Not yet required
Bush Forever 300		
Commencement of implementation of this plan	Prior to commencement of construction	Conforming The plan has been approved and considered to meet the conditions by DWER (C022 in Appendix C). A large part of the BF300 plan coincides with the <i>Caladenia</i> <i>huegelii</i> habitat EMP, which was implemented prior to the commencement of construction.
Agreement of MoU	Within 6 months of approval of this plan	Conforming A MOU has been developed and signed by both MRWA and DBCA or 23 July 2019 (C029 in Appendix C).
Provision of cable fencing and heavy duty gates	By December 2019	Conforming
 Weed control and mapping: Map weeds within Bush Forever 300 Develop a weed control program Implement program 	 By December 2019 By December 2019 Commenced by June 2020 	Conforming Weed mapping was undertaken in 2018 by 360 Environmental. Follow up weed control was undertaken in August and December 2018 by Natural Areas Consulting (R038 in Appendix C).
Phytophthora cinnamomi mapping	By December 2019 and December 2021	Conforming A dieback survey is planned for Bush Forever 300 before the end of December 2019 which is outside

Management activities	Timeframe	Status and justification		
		the reporting period of this CAR (R036 in Appendix C).		
Hygiene plan	By December 2019	Conforming		
		Completed as per Caladenia huegelii habitat EMP (R036 in Appendix C).		
Flora and vegetation survey	By December 2019	Conforming		
		The flora and vegetation survey was undertaken in spring 2018 (R038 in Appendix C).		
Nirimba				
Removal of internal fences	December 2019	Conforming		
Upgrading of boundary fence (not cable fencing)	December 2019	Conforming		
Installation of new firebreaks	December 2019	Conforming		
Maintenance of existing firebreaks	2017-2023	Conforming		
Weed control (Watsonia, Arum Lily and Tagasaste)	2021-2023	Conforming		
Phytophthora cinnamomi mapping	July 2017	Completed		
		Completed in July 2017 as reported in the 2018 CAR.		
Feral pig control	2017-2023	Conforming		
Birchmont				
Provision of new fences	December 2020	Not yet required – will be implemented under the new MoU.		
Fire break upgrade and maintenance	December 2020	Not yet required – will be implemented under the new MoU.		
Feral pig control	Annually 2019 - 2025	Not yet required – will be implemented under the new MoU.		
Signage	December 2020	Not yet required – will be implemented under the new MoU.		
Weed mapping and control	Mapping: 2019, 2021 and 2025	Not yet required – will be implemented under the new MoU.		
	Control: Annually from 2020 to 2025			
Phytophthora cinnamomi mapping and management plan	Baseline mapping and management plan by December 2019	Not yet required – will be implemented under the new MoU.		
	Follow up mapping in 2022			

Management activities	Timeframe	Status and justification		
ASS investigation	December 2020	Not yet required – will be implemented under the new MoU.		
ASS management	Up until 2025	Not yet required – will be implemented under the new MoU.		
Rubbish removal	December 2019	Not yet required – will be implemented under the new MoU.		
Lake Clifton				
Removal of internal fences	December 2018	Conforming		
		Ongoing implementation of the MoU (C029 in Appendix C).		
Provision of new fences	December 2019	Conforming		
Weed monitoring and control	Annually from 2017 to 2023	Conforming		
Firebreak installation and maintenance	December 2018	Conforming		
	Annual maintenance until 2023			
Feral pig monitoring	Annually 2017 to 2023	Conforming		
Cat baiting program SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig				
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: <i>To offset the sig</i> SCP20a Offsets Strategy.	from 2018-2024 Int 1036, conditions 16-19 to 16-2	22		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland	from 2018-2024 ant 1036, conditions 16-19 to 16-2 nificant residual impacts to SCP2	2 20a through implementation of th		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey	from 2018-2024 ant 1036, conditions 16-19 to 16-2 nificant residual impacts to SCP2 December 2018	22 20a through implementation of the Completed		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland	from 2018-2024 ant 1036, conditions 16-19 to 16-2 nificant residual impacts to SCP. December 2018 Baseline - December 2020	2 20a through implementation of the		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey	from 2018-2024 ant 1036, conditions 16-19 to 16-2 nificant residual impacts to SCP2 December 2018	22 20a through implementation of the Completed		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping	from 2018-2024 ant 1036, conditions 16-19 to 16-2 nificant residual impacts to SCP2 December 2018 Baseline - December 2020 Monitoring - December 2023	22 20a through implementation of the Completed		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control	from 2018-2024 Int 1036, conditions 16-19 to 16-2 inificant residual impacts to SCP. December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026	2 20a through implementation of th Completed Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping	from 2018-2024 Int 1036, conditions 16-19 to 16-2 <i>inificant residual impacts to SCP</i> December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026	22 20a through implementation of the Completed Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan	from 2018-2024 Int 1036, conditions 16-19 to 16-2 <i>inificant residual impacts to SCP2</i> December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021	2 20a through implementation of the Completed Not yet required Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan Interpretive signage	from 2018-2024 Int 1036, conditions 16-19 to 16-2 <i>inificant residual impacts to SCP2</i> December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2021	2 20a through implementation of the Completed Not yet required Not yet required Not yet required Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan Interpretive signage Limestone paths	from 2018-2024 int 1036, conditions 16-19 to 16-2 inificant residual impacts to SCP2 December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2021 By December 2020	2 20a through implementation of the Completed Not yet required Not yet required Not yet required Not yet required Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan Interpretive signage Limestone paths Replacement of fencing	from 2018-2024 nt 1036, conditions 16-19 to 16-2 <i>inificant residual impacts to SCP:</i> December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2021 By December 2020 By December 2020	2 20a through implementation of the Completed Not yet required Not yet required Not yet required Not yet required Not yet required Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan Interpretive signage Limestone paths Replacement of fencing Revegetation planting within degraded areas	from 2018-2024 Int 1036, conditions 16-19 to 16-2 ificant residual impacts to SCP: December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2020 By December 2020 By December 2021	2 20a through implementation of th Completed Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey	from 2018-2024 Int 1036, conditions 16-19 to 16-2 inificant residual impacts to SCP2 December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2021 By December 2020 By December 2021 By December 2021 By December 2021 By December 2021 By December 2021	2 20a through implementation of the Completed Not yet required Not yet required		
SCP20a Offsets Strategy Ministerial Stateme Environmental objective: To offset the sig SCP20a Offsets Strategy. Errina Road Bushland Flora and vegetation survey Weed mapping Weed control Phytophthora mapping Phytophthora management plan Interpretive signage Limestone paths Replacement of fencing Revegetation planting within degraded areas Rubbish removal	from 2018-2024 Int 1036, conditions 16-19 to 16-2 inificant residual impacts to SCP2 December 2018 Baseline - December 2020 Monitoring - December 2023 and December 2026 Annually from 2020 until 2026 By December 2021 By December 2021 By December 2020 By December 2021 By December 2021 By December 2021 By December 2021 By December 2021	2 20a through implementation of th Completed Not yet required Not yet required		

Management activities	Timeframe	Status and justification
		Flora survey not yet required
Weed mapping	December 2021	Not yet required
Weed control	Annually from 2020 to 2026	Not yet required
Phytophthora mapping and treatment	By December 2020, December 2022, December 2024 and December 2026	Not yet required
Interpretive signage	December 2020	Not yet required
Shelter	December 2025	Not yet required
Installation of fencing	By December 2021	Not yet required
Demolition of existing house	Before December 2023	Not yet required
Revegetation planting within degraded areas	By December 2022 and ongoing until December 2026	Not yet required
Rubbish removal	Annually from 2020 to 2026	Not yet required
Reserve environmental management plan	By December 2022	Not yet required
Feral bee control.	Annually from 2020 to 2026	Not yet required
Hawkevale Nature Reserve		
Flora and vegetation survey	By December 2018	Completed
Weed mapping	Baseline by December 2020	Not yet required
	Monitoring by December 2023 and December 2026	
Weed control	Annually from 2020 to 2026	Not yet required
Phytophthora mapping	December 2021	Not yet required
Phytophthora management plan	December 2021	Not yet required
Interpretive signage	December 2020	Not yet required
Revegetation planting within degraded areas	December 2021	Not yet required

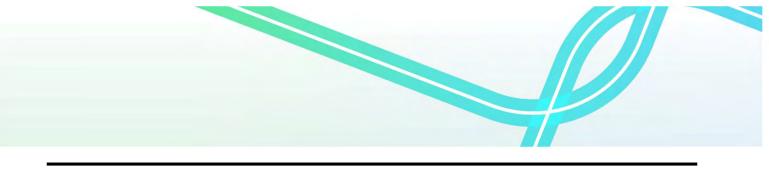


5 SUPPORTING/VERIFYING INFORMATION

A range of supporting/verifying information was utilised to prepare this CAR, including:

- Correspondence provided by MRWA.
- Monitoring reports, letters or memorandums provided by MRWA.
- Environmental inspection checklists and complaints register provided by MRWA.
- Personal communication with the MRWA Principal Environmental Officer, John Braid.
- A site visit undertaken by ELA on 10 September 2019.

Key pieces of verifiable information for the assessment of implementation of MS 1036 conditions are referenced in Appendix C and provided separately in electronic format. It should be noted that further supporting evidence, should it be required, can be provided upon request.



6 OTHER INFORMATION

The proponent does not have any other information to provide in this CAR. No changes are proposed to the most recent approved CAP.

7 REFERENCES

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APPENDIX A

Compliance status of key characteristics



Table A1Key characteristics of proposal, Attachment 2 Ministerial Statement No. 1036

Element	Description of Proposal	Status	Further information
Clearing and disturbance for road corridor, drainage structures including infiltration and bioretention basins and swales, laydowns, bridges and culverts, fauna fencing, fauna underpasses, noise walls, road train assembly area and principal shared path.	Description of Proposal Clearing and disturbance of no more 765.07 ha consisting of up to 206 ha of native vegetation. This includes up to: 129.9 ha of Bush Forever areas. 0.4 ha of Class A Nature Reserve 46920. 0.2 ha of Class A Nature Reserve 46919. 32.6 ha of Gnangara-Moore River State Forest No. 65. 4 ha of Floristic Community Type SCP 20a Threatened Ecological Community. 31.9 ha of Caladenia huegelii critical habitat. 2 ha of Grevillea curviloba subsp. incurva critical habitat. 16 ha of Conservation Category Wetlands. Within a 1,004.07 ha development envelope.	Status Compliant	 Further information Total clearing and disturbance, based on shapefiles provided for the clearing areas, is approximately 671.2 ha, consisting of approximately 134.6 ha of native vegetation. It should be noted that the amount of clearing was slightly less than reported in last years' CAR due to a decrease in footprint area. Clearing and disturbance to date includes approximately: 92.5 ha of Bush Forever areas (based on intact native vegetation definition). 0.07 ha of Class A Nature Reserve 46920 (based on intact native vegetation definition). 0.2 ha of Class A Nature Reserve 46919 (based on intact native vegetation definition). 27.6 ha of Gnangara-Moore River State Forest No. 65 (based on intact native vegetation definition). 3.9 ha of Floristic Community Type SCP 20a Threatened Ecological Community.

Element	Description of Proposal	Status	Further information
			• 29.8 ha of <i>Caladenia huegelii</i> critical habitat.
			• 1.6 ha of <i>Grevillea curviloba</i> subsp. <i>incurva</i> critical habitat.
			• 13.3 ha of Conservation Category Wetlands.
			D001 in Appendix C.
			A minor clearing incident occurred in September 2018 when a mini excavator operator tracked his vehicle for approximately 10 m in Bush Forever site 198, resulting in approximately 0.003 ha of low native vegetation being disturbed. Main Roads submitted an incident investigation report to DWER on 19 November 2018. DWER considered Main Roads response to the minor clearing incident to be satisfactory and given the scale of the impact did not consider it to constitute a non-compliance with Condition 1-1 of Statement 1036 (C002 in Appendix C).
Noise walls	Height of noise walls to be no more than 5 m on residential boundaries between Reid Highway and south of Maralla Road.	Compliant	Noise wall height at receivers 483 to 486 has been increased to 5.5 m to achieve noise limits. These walls are offset from property boundaries and are adjacent to the road alignment.

APPENDIX B

Audit table



Perth-Darwin National Highway (Swan Valley Section)

- Phases that apply in this table: Pre-Construction, Construction, Operation, Decommissioning, Overall (several phases).
- This audit table is a summary of the requirements applying to this proposal. Refer to the Ministerial Statement issued for the proposal under Part IV of the *Environmentol Protection Act 1986* for details/precise wording of audit elements.
- Code prefixes: M = Minister's condition, P = Proponent's commitment, N = Procedure.
- Abbreviations: CAR = Compliance Assessment Report; CEO = Chief Executive Officer of the OEPA; Minister for Env. = Minister for the Environment; MS = Ministerial Statement; OEPA = Office of the Environmental Protection Authority.
- Status abbreviations (refer to Table 1 in Section 3): CLD = Completed; C = Compliant; NR = Not required at this stage; IP = In progress; PNC = Potentially Non-Compliant; NC = Non-compliant.

Table B1 Audit details

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Proposal In	mplementation						
MS1036: M1.1	When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 in Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the EP Act.	Implement project pursuant to Table 2 in Schedule 1 of Ministerial Statement No. 1036.	CAR.	Overall	Annually	С	s45C change to proposal, and clearing limits, approved 7 June 2017. Appendix A.
Contact De	etails		Contract Contractor	1	and the second second		The Carrier States
MS1036: M2.1	The proponent shall notify the CEO of any change of its name, physical address or postal 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.	Notify the CEO in writing of any change to proponent details.	Copy of written notification to CEO of any change in proponent details.	Overall	Within twenty eight (28) days of such change.	NR	Interview and review of website contact details indicated no changes have occurred during the reporting period.
Time Limit	for Proposal Implementation	2			1		
MS1036: M3.1	The proponent shall not commence implementation of the proposal after five (5) years from the date on this Statement, and any commencement, prior to this date, must be substantial.	Provide evidence to the CEO in writing to demonstrate the proposal has substantially commenced.	CAR.	Construction	Implement proposal within five (5) years from date on Ministerial Statement No. 1036.	CLD	Ground disturbance associated with the proposal commenced on 31 March 2017, prior to 20 September 2021. Reported in the 2017 CAR (Coffey 2017).
MS1036: M3.2	Any commencement of implementation of the proposal, on or before five (5) years from the date of this Statement, must be demonstrated as substantial by providing the CEO with written	Provide evidence to the CEO in writing to demonstrate the proposal has	Copy of written notification to CEO of substantial commencement	Construction	Implement proposal within five (5) years from date on Ministerial	CLD	Ground disturbance commenced on 31 March 2017, as reported in the 2017 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	evidence, on or before the expiration of five (5) years from the date of this Statement.	substantially commenced.			Statement No. 1036.		
Complianc	e Reporting	A State of the	PIL CALLERS IN	and the state	A REAL PROPERTY.	2012	
MS1036: M4.1	The proponent shall prepare, submit and maintain a Compliance Assessment Plan to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 4-6, or prior to implementation, whichever is sooner.	Submit a Compliance Assessment Plan (CAP).	CAP.	Pre- construction	At least six (6) months prior to the first CAR required by condition 4-6, or prior to implementation, whichever is sooner.	CLD	The Plan was submitted in October 2016. The first CAR was submitted in 2017 (Coffey 2017).
M\$1036: M4.2	 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. (6) Public availability of Compliance Assessment Reports. 	Submit CAP.	CAP.	Pre- construction	At least six (6) months prior to the first CAR required by condition 4-6, or prior to implementation, whichever is sooner.	CLD	CAP (Revision [Rev] 1) was approved by OEPA, as reported in the 2017 CAR (Coffey 2017). CAP (Rev 2) was approved by DWER on 7 February 2019 (C003).
MS1036: M4.3	After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 4-2 the proponent shall assess compliance with conditions in accordance	Once approval is received from the CEO, commence compliance assessment in	CEO letter approving the CAP. CAR	Overall	After written approval from the CEO.	С	This CAR is the third CAR. The first and second are kept as records on the website.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	with the Compliance Assessment Plan required by condition 4-1.	accordance with the CAP.					All three CARs have been developed in accordance with the CAP.
MS1036: M4.4	The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 4-1 and shall make those reports available when requested by the CEO.	Retain CAR's and make available when requested.	CAR.	Overall	As requested by the CEO.	С	This CAR is the third one. The first two CARs are kept as records on the website.
M\$1036: M4.5	The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.	Notify the CEO of potential non- compliances in writing and/or verbally.	Written notification. CAR.	Overall	Within seven (7) days of that non- compliance being known.	C	The non-compliances and potential non-compliances noted in this CAR were reported within the specified timeframe (C001 and C002). Potential non-compliances were identified by Main Roads regarding late reporting of exceedances. This was reported to DWER within 7 days of the potential non-compliance being recognised and was determined not to represent a non-compliance with MS condition 4-5 (refer to Section 3; C019 in Appendix C).
MS1036: M4.6	The proponent shall submit to the CEO the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first	Submit a CAR within required timeframe reporting on the previous 12 months.	CAR.	Overali	Initial CAR within 15 months from date of Ministerial	С	This CAR is the third CAR and addresses the requirements of the condition, where required.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	 Compliance Assessment Report, or as otherwise agreed in writing by the CEO. The Compliance Assessment Report shall: Be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf. Include a statement as to whether the proponent has complied with the conditions. Identify all potential non-compliances and describe corrective and preventative actions taken. Be made publicly available in accordance with the approved Compliance Assessment Plan. Indicate any proposed changes to the Compliance Assessment Plan required by condition 4-1. 				Statement No. 1036. Annually from date of submission of first CAR or a date as agreed by CEO.		This CAR will be made publicly available on the Main Roads website, as has occurred for other documents, including the previous two CARs.
Public Ava	ilability of Plans and Reports						
MS1036: M5.1	Subject to condition 5-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal the proponent shall make publicly available, in a manner approved by the CEO, all environmental plans and reports required under this Statement.	All environmental plans and reports required by MS1036 are made publicly available.	CAR.	Overall	For the life of the proposal as approved by the CEO.	С	OEPA approved public availability of documents being via Main Roads website, as reported in the 2017 CAR (Coffey 2017). Website available at: https://project.mainroads.w a.gov.au/northlinkwa/Comm unity%20Environment/Page

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
							/Environment%20Assessmen t.aspx 22 approved documents are available on the website.
MS1036: M5.2	 If any parts of the plans or reports, referred to in condition 5-1 contains particulars of: (1) A secret formula or process. (2) Confidential commercially sensitive information. (3) The location of threatened species or other important environmental assets that may be potentially harmed if their location was published. The proponent may submit a request for approval from the CEO to not make these data publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why those parts of the plans or reports should not be made publicly available. 	Submit a request for approval from the CEO to not make sensitive information publicly available.	Copy of written request to CEO. CEO approval.	Overall	As required.	NR	No request has been made.
Infrastructi	ure Plan	ALC: NOTING TO		1.2.3	The second second	1. 14	
MS1036: M6.1	 The proponent shall demonstrate that the proposal is designed and constructed consistent with the authorised extent(s) as referred to in Table 2 in Schedule 1 in order to meet the following environmental objectives: (1) Minimise direct and indirect impacts to conservation significant terrestrial fauna. 	Prepare and implement the Infrastructure Plan.	Pre-construction Infrastructure Plan. Post-construction Infrastructure Report.	Overali	Prior to the commencement of ground disturbing activities (pre- construction Infrastructure Plan).	CLD (design). NR (constru ction)	OEPA approved the design documented in the Infrastructure Plan, as reported in the 2017 CAR (Coffey 2017). Appendix A of this CAR shows compliance with

ubject / udit ode	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	 (2) Minimise impacts to hydrological regimes of surface water. (3) Minimise impacts to the quality of groundwater and surface water. (4) Minimise impacts to amenity as low as reasonable practicable. Through the implementation of conditions 6-2 to 6-5. 				Six (6) months following completion of construction (post- construction Infrastructure Report), or as agreed by the CEO.		clearing limits during this audit period. Construction of the entire proposal is not complete.
MS1036: M6.2	 The proponent shall prepare and submit a preconstruction Infrastructure Plan which is to be approved by the CEO prior to the commencement of ground disturbing activities. The preconstruction Infrastructure Plan shall include: (1) The alignment, dimensions and locations of the key proposal elements as referred to in Columns 1 and 2 of Table 2 in Schedule 1. (2) The dimensions and locations of fauna underpasses and fauna fencing as referred to in Columns 1 and 2 of Table 2 in Schedule 1. Fauna underpass dimensions and locations should be consistent with the approved Fauna – Construction – Condition Environmental Management Plan as required by condition 12. (3) The design and locations of culverts and bridges as referred to in Columns 1 and 2 of Table 2 in Schedule 1. (4) The design and location of bioretention swales and infiltration basins in the vicinity 	Prepare an Infrastructure Plan pursuant to M6.2.	Infrastructure Plan. CEO approval.	Pre- Construction	Prior to the commencement of ground disturbing activities.	C	Infrastructure Plan was approved 15 March 2017. Ground disturbing activities commenced on 31 March 2017, as reported in the 2017 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	of Ellen Brook and within the GUWPCA, consistent with the approved Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan as required by condition 13.						
	(5) The dimensions and locations of noise walls as referred to in Columns 1 and 2 of Table 2 in Schedule 1, consistent with the approved Amenity (Noise) – Condition Environmental Management Plan.						
	 (6) Spatial data for the proposal elements as detailed in 6-2(1), 6-2(2), 6-2(3), 6-2(4) and 6-2(5). 						
MS1036: M6.3	The proponent may review and revise the pre- construction Infrastructure Plan required by condition 6-2, or shall review and revise the pre- construction Infrastructure Plan required as and when directed by the CEO.	Revise/review the Infrastructure Plan as and when required by the CEO.	Revised Infrastructure Plan. CEO approval.	Pre- construction Construction	As notified by MRWA or as and when required by the CEO.	NR	The CEO has not requested that the Infrastructure Plan be revised or reviewed.
MS1036: M6.4	The revised pre-construction Infrastructure Plan shall be the Infrastructure Plan used for implementing construction, following receipt in writing from the CEO that the revised pre- construction Infrastructure Plan satisfies the requirements set out in condition 6-2.	Implement the revised pre-construction Infrastructure Plan.	CAR.	Pre- construction Construction	Following receipt in writing from the CEO that the revised pre- construction Infrastructure Plan satisfies the requirements set out in condition 6-2.	NR	The Infrastructure Plan has not been revised.

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Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
M51036: M6.5	The proponent shall prepare and submit a post- construction Infrastructure Report to confirm that the key elements of the proposal as referred to in Columns 1 and 2 of Table 2 in Schedule 1 were constructed in accordance with the requirements of condition 6-2, within six (6) months following the completion of construction, or as otherwise agreed in writing by the CEO.	Submit a post- Construction Infrastructure Report.	Post-construction Infrastructure Report.	Operation	Within six (6) months following the completion of construction, or as otherwise agreed in writing by the CEO.	NR	Construction is not complete
	The post-construction Infrastructure Report shall include:						
	(1) The alignment, dimensions and locations of the key proposal elements as referred to in Columns 1 and 2 of Table 2 in Schedule 1.						
	(2) The dimensions and locations of fauna underpasses and fauna fencing as referred to in Columns 1 and 2 of Table 2 in Schedule 1. Fauna underpass dimensions and locations should be consistent with the approved Fauna – Construction – Condition Environmental Management Plan as required by condition 12.						
	(3) The design and locations of culverts and bridges as referred to in Columns 1 and 2 of Table 2 in Schedule 1.						
	(4) The design and location of bioretention swales and infiltration basins in the vicinity of Ellen Brook and within the GUWPCA, consistent with the approved Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental						

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	Management Plan as required by condition 13.						
	(5) The dimensions and locations of noise walls as referred to in Columns 1 and 2 of Table 2 in Schedule 1, consistent with the approved Amenity (Noise) – Condition Environmental Management Plan.						
	(6) Spatial data for the proposal elements as detailed in 6-5(1), 6-5(2), 6-5(3), 6-5(4) and 6-5(5).					1	
Condition E	nvironmental Management Plans (management base	d)		- S. (7 W A S
MS1036: M7.1	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO, the proponent shall prepare and submit Condition Environmental Management Plans to the satisfaction of the CEO to demonstrate that the environmental objectives in conditions 9-1, 10-1, 11-1, 12-1 and 15-1 will be met.	Prepare and submit Condition Environmental Management Plans required by M9.1, M10.1, M11.1, M12.1 and M15.1.	Condition Environmental Management Plans required by M9.1, M10.1, M11.1, M12.1 and M15.1.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	Ground disturbing activities commenced on 31 March 2017. The Plans were approved as reported in the 2017 CAR (Coffey 2017).
M51036: M7.2	 The Condition Environmental Management Plans shall: (1) Prioritise risk-based management actions that will be implemented to meet the environmental management objectives in conditions 9-1, 10-1, 11-1, 12-1 and 15-1. (2) Specify measurable management targets for determining the efficacy of the risk-based management actions. 	Prepare and submit Condition Environmental Management Plans required by M9.1, M10.1, M11.1, M12.1 and M15.1.	Condition Environmental Management Plans required by M9.1, M10.1, M11.1, M12.1 and M15.1.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval of all Plans, as reported in the 2017 CAR (Coffey 2017).

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Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
(3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets.						
(4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded.						
(5) Provide the format and timing for annual reporting required by condition 4-6 for:						:
(a) Verification of the implementation of management actions to demonstrate that conditions 9-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period.						
(b) Reporting on the efficacy of management actions against management targets.						
(6) Provide for reporting when management actions are not implemented.						
After receiving notice in writing from the CEO that a Condition Environmental Management Plans satisfies the requirements of condition 7-2 for conditions 9-1, 10-1, 11-1, 12-1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the approved Condition Environmental Management	Implement the Condition Environmental Management Plans.	CAR.	Overall	Prior to the commencement of ground disturbing activities and then until the CEO has confirmed by notice in writing	С	The Condition EMPs require by Conditions 9-1, 10-1, 11-1 12-1 and 15-1 were implemented prior to the commencement of ground disturbing activities and these plans continue to be implemented.
	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition 4-6 for: (a) Verification of the implementation of management actions to demonstrate that conditions 9-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period. (b) Reporting on the efficacy of management actions against management targets. (6) Provide for reporting when management actions are not implemented. After receiving notice in writing from the CEO that a Condition 5-1, 10-1, 11-1, 12-1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: 	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition 4-6 for: (a) Verification of the implementation of management actions to demonstrate that conditions 9-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period. (b) Reporting on the efficacy of management actions against management targets. (6) Provide for reporting when management actions are not implemented. After receiving notice in writing from the CEO that a Condition Environmental Management Plans satisfies the requirements of condition 7-2 for conditions 9-1, 10-1, 11-1, 12-1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the approved Condition Environmental Management 	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition 4-6 for: (a) Verification of the implementation of management actions to demonstrate that conditions 9-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period. (b) Reporting on the efficacy of management actions against management targets. (6) Provide for reporting when management actions are not implemented. After receiving notice in writing from the CEO that a Condition Environmental Management Plans satisfies the requirements of condition 7-2 for condition 9-1, 10-1, 11-1, 12-1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the approved Condition Environmental Management 	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition 4-6 for: (a) Verification of the implementation of management actions to demonstrate that conditions 9-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period. (b) Reporting on the efficacy of management actions against management actors are not implemented. (3) Verification in the CEO that actions are not implemented. (4) After receiving notice in writing from the CEO that proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the approved Condition Environmental Management 	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition 4-6 for: (a) Verification of the implementation of management for the reporting predict of determine the cause of the management actions against management actions against management targets. (b) Reporting on the efficacy of management actions are not implemented. (c) Provide for reporting when management plans satisfies the requirements of condition 7-2 for conditions 9-1, 10-1, 11-1, 12-1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: (f) Implement the provisions of the approved Condition Environmental Management 	 (3) Specify monitoring to be conducted to measure the efficacy of management actions against management targets. (4) Specify, in the event that the management targets are not achieved a procedure for revision of management actions and changes to proposal activities. The procedure shall include an investigation to determine the cause of the management targets being exceeded. (5) Provide the format and timing for annual reporting required by condition A-6 for: (a) Verification of the implementation of management actions against management actions to demonstrate that condition 59-1, 10-1, 11-1, 12-1 and 15-1 have been met for the reporting period. (b) Reporting on the efficacy of management actions are not implemented. After receiving notice in writing from the CEO that a Condition Environmental Management Plans satisfies the requirements of condition 7-2 for condition 5-1, 10-1, 11-2 - 1 and 15-1, the proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the approved Condition Environmental Management (2) Implement the provisions of the approved Condition Environmental Management

Subject / Requirement How Evidence Phase Timeframe Status* Further information Audit code (2)Continue to implement the approved demonstrated the CEO has not confirmed that **Condition Environmental Management Plans** objectives any plans no longer need to until the CEO has confirmed by notice in specified in be implemented. writing that the proponent has met the conditions 9-1, relevant objectives specified in the approved 10-1, 11-1, 12-1 Condition Environmental Management Plan and 15-1 have and no longer needs to implement that been met. particular Condition Environmental Management Plan. MS1036; In the event that monitoring, tests, surveys or C Report exceedances or Exceedance Overall Initial Non-conformances and M7.4 investigations indicate that management actions failure to implement /Failure to exceedance/failur potential non-conformances specified in a Condition Environmental management actions Implement e to implement with exceedance levels were Management Plan are not implemented or that within 7 days of Report (condition report required reported within 7 days of management targets specified in a Condition identification. 7-4(1)) and by condition 7being identified and an Environmental Management Plans are exceeded, Investigation 4(1) within 7 days investigation report detailing Investigate cause of the proponent shall: Report (condition of identification. Condition 7-4 (4) was exceedance of failure to 7-4(4)). provided to the CEO within (1)Report the exceedance or failure to implement. Submit the 60 days of the incident. implement management actions in writing investigation Investigate potential within 7 days of identification. report required environmental harm, by condition 7alteration of the Investigate to determine the cause of the Examples of DWER (2) 4(4) within 60 management actions not being environment. notifications/response days of the initial implemented and/or management targets C006, C009, C007, C033 and report required Provide a report to the being exceeded. C034 in Appendix C, and by condition 7-CEO within 60 days or examples of investigation 4(1). Investigate to provide information for the the incident reported in (3) reports - R005, R006 and determination by the CEO of potential condition 7-4(1). R035 in Appendix C. environmental harm or alteration of the environment that occurred due to the failure to implement management actions.



Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	 (4) Provide a report to the CEO within 60 days of the reporting required by condition 7- 4(1). The report shall include: 						
	(a) Cause for failure to implement management actions and/or management targets exceeded.						
	(b) The findings of the investigation required by conditions 7-4(2) and 7-4(3).						
	(c) Details of revised and/or additional management actions to be implemented to prevent exceedance of the management targets and/or ensure implementation of management actions.						
	(d) Relevant changes to proposal activities. (e) Measures to prevent, control or abate the environmental harm which may have						
	occurred.						
MS1036: M7.5	The proponent may review and revise the Condition Environmental Management Plans, or as otherwise specified by the CEO.	Review the Condition Environmental Management Plans as specified by the CEO.	Revised Condition Environmental Management Plan	Overall	As required.	с	A number of Condition EMPs have been reviewed and revised (refer to Section 4.2). Approved revised Condition EMPs are available from
							MRWA website (MRWA 2019).
MS1036: M7.6	The proponent shall implement the latest revision of the Condition Environmental Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 7-2.	Implement the revised Condition Environmental Management Plans.	CAR	Overall	Once revisions are approved in writing by the CEO.	С	The Proponent continues to implement the revised and/or approved plans.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
							Revised and approved plans are available from MRWA website.
Condition	8: Condition Environmental Management Plans (outco	me based)				1	A CARLES AND AND A
M51036: M8.1	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO, the proponent shall prepare and submit Condition Environmental Management Plan(s) to the satisfaction of the CEO to demonstrate that the environmental outcomes in conditions 13-1 and 14-1 will be met.	Prepare and Submit Condition Environmental Management Plans required by 13-1 and 14-1.	Condition Environmental Management Plans required by 13-1 and 14-1.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	Ground disturbing activities commenced on 31 March 2017. The Plans were approved on 15/03/2017, as reported in the 2017 CAR (ELA 2017).
MS1036: M8.2	 The Condition Environmental Management Plan(s) shall: (1) Specify trigger criteria that will trigger the implementation of trigger level actions if exceeded. (2) Specify threshold criteria that: (a) Provides a limit beyond which the environmental outcomes identified in conditions 13-1 and 14-1 are not achieved. (b) Will trigger the implementation of threshold contingency actions if exceeded. (3) Specify monitoring to determine if trigger criteria and threshold criteria are exceeded. (4) Specify trigger level actions to be implemented in the event that trigger criteria have been exceeded. 	Prepare and Submit Condition Environmental Management Plans required by 13-1 and 14-1.	Condition Environmental Management Plans required by 13-1 and 14-1.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval of Plans, as required in the 2017 CAR (ELA 2017).

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Subject / Audit code	Req	uirement	How	Evidence	Phase	Timeframe	Status*	Further information			
	(5)	Specify threshold contingency actions to be implemented in the event that threshold criteria are exceeded.									
	(6)	Provide the format and timing for the reporting of monitoring results against trigger criteria and threshold criteria to demonstrate that conditions 13-1 and 14-1 have been met over the reporting period in the Compliance Assessment Report required by condition 4.									
	(7)	Provide for reporting of exceedances of the trigger and threshold criteria.									

All

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M8.3	 After receiving notice in writing from the CEO that the Condition Environmental Management Plan(s) satisfies the requirements of condition 8-2 for conditions 13-1 and 14-1, the proponent shall prior to the commencement of ground disturbing activities: (1) Implement the provisions of the Condition Environmental Management Plans. (2) Continue to implement the Condition Environmental Management Plans until the CEO has confirmed by notice in writing that the proponent has met the relevant objectives specified in the approved Condition Environmental Management Plan and no longer needs to implement that particular Condition Environmental Management Plan. 	Implement the Condition Environmental Management Plans required by 13-1 and 14-1.	CAR	Overall	After CEOapproval that theConditionEnvironmentalManagementPlan(s) satisfiesthe requirementsof condition 8-2for condition 8-2for condition 8-1and 14-1implementprovisions of theEMP proponentshall prior to thecommencementof grounddisturbingUntil the CEO hasconfirmed bynotice in writingthat theproponent hasdemonstrated theoutcomesspecified inconditions 13-1and 14-1 havebeen met.	C	The Condition EMPs required by Conditions 13-1 and 14-1 were implemented prior to the commencement of ground disturbing activities and these plans continue to be implemented. CEO has not confirmed that plans no longer need to be implemented.

Subject / Rec Audit code	quirement	How	Evidence	Phase	Timeframe	Status*	Further information
V18.4 of t spe	he event that monitoring indicates exceedance rigger criteria and/or threshold criteria accified in the Condition Environmental nagement Plans, the proponent shall: Report the exceedance in writing within 7 days of the exceedance being identified. Immediately implement the trigger level actions and/or threshold contingency actions specified in the Condition Environmental Management Plans and continue implementation of those actions until the trigger criteria are being met, or until the trigger criteria are being met, or until the CEO has confirmed by notice in writing that it has been demonstrated that the environmental outcomes in conditions 13-1 and 14-1 are being met and implementation of the trigger level actions and/or threshold contingency actions are no longer required. Investigate to determine the cause of the trigger criteria and/or threshold criteria being exceeded. Identify additional measures required to prevent the trigger and/or threshold criteria being exceeded in the future. Investigate to determine potential environmental harm or alteration of the	 Report the exceedance within 7 days of the exceedance being identified. Implement the trigger level/ contingency actions specified in the Condition Environmental Management Plan(s). Investigate cause of trigger and or threshold criteria exceedance. Identify additional measures to prevent trigger/threshold criteria being exceeded in the future. 	Exceedance Reports (8-4(1)). Investigation Reports (8-4(6)).	Overall	Report exceedance with seven (7) days of being identified. Provide investigation report required by 8-4(6) within 60 days of exceedance being reported to the CEO.	PNC	Exceedances of trigger and threshold criteria have generally been reported within 7 days of the exceedance being identified except for in June and July 2019 where exceedances were reported to MRWA, but not reported to DWER withi 7 days. MRWA notified DWER immediately once they were aware of this potential non-conformance with the reporting timeframes. DWER responded and concluded that this does not represent a non-compliance (C019 in Appendix C; refer to Section 3). Investigation reports were submitted to the CEO within the 60 day reporting timeline. C015-C019 in Appendix C



Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	 environment that occurred due to threshold criteria being exceeded. (6) Provide a report to the CEO within 60 days of the exceedance being reported. The report shall include: (a) Details of trigger level actions or threshold contingency actions implemented. (b) The effectiveness of the trigger level actions or threshold contingency actions implemented, monitored and measured against trigger criteria and threshold criteria. (c) The findings of the investigations required by condition 8-4(3) and 8-4(5). (d) Additional measures to prevent the trigger or threshold criteria being exceeded in the future. (e) Measures to prevent, control or abate the environmental harm which may have occurred. 	 5) Investigate potential environmental harm or altercation of the environment due to threshold exceedance. 6) Submit a report consistent with condition 8-4(6) to CEO within 60 days of the exceedance being reported under condition 8- 4(1). 					
M\$1036: M8.5	 The proponent: (1) May review and revise the Condition Environmental Management Plans. (2) Shall review and revise the Condition Environmental Management Plans as and when directed by the CEO. 	Revise Condition Environmental Management Plan(s).	Revised Condition Environmental Management Plan(s).	Overall	As required.	С	Revised Condition EMPs are listed in Section 4.2. Approved revised Condition EMPs are available on MRWA's website.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M8.6	The proponent shall implement the latest revision of the Condition Environmental Management Plan(s), which the CEO has confirmed by notice in writing, satisfies the requirements of condition 8-2.	Implement the revised Condition Environmental Management Plan(s).	CAR.	Overall	Once revisions are approved in writing by the CEO.	C	Revised CEMPs are implemented once approved in writing by the CEO. Approved Condition EMPs are available on MRWA website.
Condition 9	Flora and Vegetation – Construction Condition Envir	onmental Management Pl	lan		a fa sta state	Section 2	
MS1036: M9.1	 The proponent shall manage the construction of the proposal to meet the following environmental objectives: (1) To ensure that <i>Phytophthora cinnamomi</i> is not introduced into disease free areas by construction activities during construction. (2) To ensure that impacts to flora and vegetation from dust are minimised as far as practicable during construction. (3) To ensure that impacts to flora and vegetation from the introduction or spread of weeds are minimised as far as practicable during construction. Through implementation of the Flora and Vegetation – Construction – Condition Environmental Management Plan approved by the CEO. 	Implement the Flora and Vegetation - Construction - Condition Environmental Management Plan to manage <i>Phytophthora</i> <i>cinnamomi</i> , dust and weeds.	Flora and Vegetation – Construction – Condition Environmental Management Plan. CEO approval.	Construction	During construction of the proposal.	C	Weekly inspection checklists did not identify any major incidents relating to <i>Phytophthora cinnamomi</i> , dust or weeds. Environmental objectives 1-3 have been met for this reporting period.

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Subject / Audit	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
code							
M\$1036: M9.2	The proponent shall prepare the Flora and Vegetation – Construction – Condition Environmental Management Plan required by condition 7-1 on advice of the Department of Parks and Wildlife.	Prepare the Flora and Vegetation - Construction - Condition Environmental Management Plan to meet the environmental objectives set out in condition 9-1.	Flora and Vegetation – Construction – Condition Environmental Management Plan.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	Department of Parks and Wildlife comments sought and provided as detailed in 2017 CAR (ELA 2017).
MS1036: M9.3	For the purpose of establishing management targets as required by condition 7-2(2), if adequate site specific <i>Phytophthora cinnamami</i> and weed mapping is not available the proponent shall undertake baseline surveys prior to ground disturbing activities, or as agreed by the CEO.	Prepare a Baseline 5urvey Plan if adequate site specific mapping is not available.	Baseline Survey Mapping.	Pre- construction	Prior to ground disturbing activities, or as agreed by the CEO (if adequate site specific mapping is not available).	CLD	OEPA considered conditions 9-3 to 9-5 not applicable as detailed in 2017 CAR (ELA 2017). Public Environmental Review document (NLWA-03-EN-RP- 0025) included baseline mapping for <i>Phytaphthora</i> <i>cinnamomi</i> and weeds.
MS1036: M9.4	 In the event baseline surveys are required, prior to the commencement of ground disturbing activities the proponent shall prepare in consultation with the Department of Parks and Wildlife, and submit a Baseline Survey Plan(s) to the CEO. The Baseline Survey Plan(s) shall: When implemented, determine the baseline state of areas identified in condition 9-4(3) so that ongoing monitoring can determine 	Prepare a Baseline Survey Plan if adequate site specific mapping is not available.	Baseline Survey Plan - Phytophthara cinnamomi and weed.	Pre- construction	In the event baseline surveys are required, prior to the commencement of ground disturbing activities.	CLD	As for M9.3.

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Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	that conditions 9-1(1) and 9-1(3) are being met.						
	(2) Detail the proposed methodology for the baseline surveys.						
	(3) Identify and spatially define the proposed survey locations and reference/control sites and provide rationale for the location of the sites.						
	(4) Include a description and map of the areas that are free from <i>Phytophthora cinnamomi</i> .						
	(5) Include a description and map of the areas that are free from weeds and for those areas that contain weeds, provide the level of weed cover and type.						
	(6) Detail the proposed frequency and timing for the baseline surveys.						
M51036: M9.5	After receiving notice in writing from the CEO that the Baseline Survey Plan(s) satisfies the requirements of condition 9-4, the proponent shall undertake the baseline surveys in accordance with the requirements of the Baseline Survey Plan(s). On completion of the baseline surveys the proponent shall report to the CEO on the following:	Undertake baseline surveys in accordance with the approved Baseline Survey Plan.	CAR. CEO approval of Baseline Survey Plan. Baseline Survey.	Pre- construction	Upon receiving written notice from the CEO that the Baseline Survey Plan is satisfactory.	CLD	As for M9.3.
	 Completion of the baseline surveys in accordance with the Baseline Survey Plan(s). 						
	(2) The results of the baseline surveys.						

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
M51036: M9.6	The proponent shall undertake monitoring as required by condition 7-2(3) for a period of 3 years post construction in order to demonstrate that the environmental objectives for condition 9-1 have been met.	Undertake monitoring in accordance with 7- 2(3).	CAR.	Operation	Three (3) years post construction.	NR	Construction not yet complete.
MS1036: M9.7	In the event that monitoring required by condition 9-6 indicates that the environmental objectives for conditions 9-1 have not been met the proponent shall undertake the requirements of condition 7-4.	Report exceedance within seven (7) days. Investigate cause. Provide a report to CEO within 60 days.	CAR. Notification of exceedance. Report to CEO.	Operation	Three (3) years post construction.	NR	Construction not complete
MS1036: M9.8	The proponent shall not undertake clearing or construct any laydown areas or stock piles within the 50 m buffer of <i>Caladenia huegelii</i> , as delineated in figure 2 of Schedule 1 and defined by geographic coordinates in Schedule 2.	Implement an exclusion zone for the 50 m buffer for <i>Caladenia</i> <i>huegelii.</i>	CAR. Clearing shapefiles	Overall	During design and construction.	С	Shapefiles of clearing and laydown/stockpile areas indicates that no clearing or disturbance has occurred within the 50 m buffer of <i>Caladenia huegelii</i> (D001 in Appendix C).

iubject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M9.9	The proponent shall not undertake clearing or construct any laydown areas or stock piles within the 10 m buffer, as delineated in figure 3 of Schedule 1 and defined by geographic coordinates in Schedule 2, of: (1) Grevillea curvilobo subsp. incurva. (2) Darwinio foetida.	Implement an exclusion zone for the 10 m buffer for Grevillia curviloba subsp. incurva; and Darwinia foetida.	CAR. Letter from DWER (C001 in Appendix C)	Overall	During design and construction.	C	There is no evidence of clearing or construction occurring in the 10 m buffer of <i>Grevillea curviloba</i> subsp. <i>incurva</i> . Evidence of construction activities and a stockpile of excavated road pavement and road verge material were observed within the 10 m buffer zone of <i>Darwinia</i> <i>foetida</i> . Further details provided in Section 3 of this CAR. Supporting evidence provided in CO01 [letter from DWER], C004 [notification to Main Roads] and R004 [Investigation report] in Appendix C.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M10.1	 The proponent shall manage the implementation of the proposal to meet the following environmental objectives: 1) To ensure that indirect impacts, including but not limited to weeds, unauthorised access, increased fire risk and litter, changes to surface water regimes, to flora and vegetation, including but not limited to <i>Caladenia huegelii</i> habitat, <i>Grevillea curviloba</i> subsp. <i>incurva</i>, <i>Darwinia foetida</i>, Conservation Category Wetlands, Claypans of the Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) are minimised as far as practicable. (2) To maintain or improve the condition of the remaining extent of SCP 20a as shown in Figure 4, through implementation of the Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan approved by the CEO. 	Prepare and Implement a Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan to meet the environmental objectives of condition M10-1.	Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan. CAR.	Overall	During the implementation of the proposal.	1) C 2) C	 Implementation of the proposal has been managed in accordance with the Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities Condition EMP. Further details are provided in Section 4.2.1. Supporting evidence that proponent has met the environmental objectives in 10.1(1) and 10.1(2) are provided: IC001-IC009 in Appendix C C C010-C018 and R15-R33 in Appendix C), monitoring immediately after post-significant rainfall events (IC001-IC001 in Appendix C) and weekly for changes in surface water regimes (IC001-IC001 in Appendix C).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M10.2	The proponent shall prepare the Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan required by condition 7-1 on advice of the Department of Parks and Wildlife (DPaW).	Prepare a Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan pursuant to condition M10-1.	Flora and Vegetation – Indirect Impacts and Threatened Flora and Communities – Condition Environmental Management Plan.	Overall	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	DPaW comments sought 10/08/2016 and provided 13/09/2016. Evidence provided with 2017 CAR (Coffey 2017). Note that DPaW are now known as DBCA.
Condition :	11: Flora and Vegetation – Progressive Rehabilitation (Condition Environmental	Management Plan	1. C. S. C. S.			and the second second
MS1036: M11.1	 The proponent shall manage the implementation of the proposal to meet the following environmental objectives: (1) To progressively rehabilitate the areas of native vegetation cleared as a result of implementation of the proposal that are no longer required for construction activities or not required for ongoing operations. (2) To rehabilitate the section of Beechboro Road North from Jules Steiner Memorial Drive to Gnangara Road within twelve months of decommissioning this section of road. Through implementation of the Flora and Vegetation –Progressive Rehabilitation Condition Environmental Management Plan approved by the CEO. 	Implement the Flora and Vegetation – Progressive Rehabilitation Condition Environmental Management Plan.	CAR.	Overall	Rehabilitate section of Beechboro Rd North from Jules Steiner Memorial Drive to Gnangara Rd within twelve months of decommissioning.	С	This section of Beechboro Rd has only been partially decommissioned as access is still required for the powerline. Rehabilitation has commenced.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
M\$1036: M11.2	The proponent shall identify and map areas to be rehabilitated as required by condition 11-1.	Maintain a map of areas identifying areas to be rehabilitated. Include information regarding rehabilitation in the CAR.	CAR.	Overall	During the implementation of the proposal.	CLD	OEPA approval outlined condition has been met, as reported in the 2017 CAR (Coffey 2017).
M51036: M11.3	Those areas to be rehabilitated as identified in condition 11-2 shall not include areas required for ongoing operations including, but not limited to, drainage basins, road embankments and median strips.	Do not rehabilitate areas required for ongoing operations including, but not limited to, drainage basins, road embankments and median strips.	CAR.	Overall	During the implementation of the proposal.	CLD	As for M11.2. The revegetation and landscaping plan only applies to Beechboro Road North and areas of native vegetation cleared for temporary project works and not part of the road reserve.
MS1036: M11.4	The proponent shall prepare the Flora and Vegetation – Progressive Rehabilitation Condition Environmental Management Plan required by condition 7-1 on advice of the Department of Parks and Wildlife.	Prepare a Flora and Vegetation Progressive Rehabilitation Condition Environmental Management Plan to meet the environmental objectives in condition 11-2.	Flora and Vegetation ~ Progressive Rehabilitation Condition Environmental Management Plan.	Overall	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	As for M11.2.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M11.5	The management targets as required by condition 7-2{2} must include rehabilitation completion criteria using locally native species.	Include completion criteria in the Prepare a Flora and Vegetation Progressive Rehabilitation Condition Environmental Management Plan.	Flora and Vegetation – Progressive Rehabilitation Condition Environmental Management Plan.	Overall	Prior to ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	As for M11.2.
MS1036: M11.6	The proponent shall not plant known species of foraging habitat for Black Cockatoos, including but not limited to, <i>Banksia</i> spp., <i>Hakea</i> spp., <i>Grevillea</i> spp. and <i>Eucalyptus</i> spp. within 10 m of the constructed road carriageway.	Do not plant known species of foraging habitat within 10 m of constructed road carriageway.	CAR. Flora and Vegetation – Progressive Rehabilitation Condition Environmental Management Plan.	Overall	During rehabilitation	C	Rehabilitation plan has been developed and Beechboro Road North rehabilitation is greater than 10 m from the road alignment. Rehabilitation at Beechboro Road North has commenced

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Condition	12 : Fauna – Construction – Condition Environmental I	Management Plan		Section 22	12	-	
MS1036: M12.1	 The proponent shall manage the construction of the proposal to meet the following environmental objective: (1) To ensure that impacts to conservation significant fauna are minimised as far as practicable during final design and construction of the proposal. Through implementation of the Fauna – Construction – Condition Environmental Management Plan, approved by the CEO. 	Prepare and Implement a Fauna – Construction – Condition Environmental Management Plan that meets the environmental objectives of the condition 12-1.	Fauna – Construction – Condition Environmental Management Plan. CAR. CEO approval.	Overall	During design and construction.	С	The Fauna – Construction – Condition EMP is available on the MRWA website (MRWA 2019) and has been implemented during design and construction of the project. Incident registers for this reporting period did not identify any incidents relating to conservation significant fauna (examples provided in IC001-IC009 in Appendix C).
M51036: M12.2	The proponent shall prepare the Fauna – Construction – Condition Environmental Management Plan required by condition 7-1 on advice of the Department of Parks and Wildlife.	Prepare a Fauna – Construction – Condition Environmental Management Plan that meets the environmental objectives of the condition 12-1 on advice of DPAW.	Fauna – Construction – Condition Environmental Management Plan. DPaW/DBCA advice.	Overall	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval stated this condition met, as reported in the 2017 CAR (Coffey 2017).

M51036:		Fauna – Construction – Condition	Prepare a Fauna –	Fauna –	Overall	Prior to the	CLD	OEPA approval stated this
112.3		ronmental Management Plan shall include	Construction –	Construction –		commencement		condition has been met, as
	man	agement actions, including but not limited to:	Condition	Condition		of ground		reported in the 2017 CAR
	(1)	Best practice design, including shape, size, furniture and sky lights of fauna underpasses.	Environmental Management Plan that includes the information required by	Environmental Management Plan.		disturbing activities, or as otherwise agreed in writing by the		(Coffey 2017).
	(2)	Trapping and relocation of ground dwelling fauna prior to clearing;	condition 12-3.			CEO.		
	(3)	Presence of fauna spotters during clearing.						
	(4)	Dispersal and relocation of fauna identified by fauna spotters as required by condition 12-3(3) during clearing.						
	(5)	Any trenching activities.						
	(6)	Ensuring that if clearing is to be undertaken, the proponent shall use an appropriately experienced Black Cockatoo expert to thoroughly inspect the area for Black Cockatoo breeding activity, in particular nesting, and if the area is found to be in use, clearing in the area shall be postponed until such time as determined suitable, on the advice of the Department of Parks and Wildlife.						
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Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Condition	13: Inland Waters Environmental Quality – Hydrologic	al Processes – Condition Er	vironmental Manage	ement Plan			
MS1036: M13.1	 The proponent shall manage the construction and operation of the proposal to meet the following environmental outcomes: (1) The construction and operation of the proposal shall not result in an unacceptable decline in water quality of the GUWPCA; and (2) The construction and operation of the proposal shall not result in an unacceptable decline in water quality of the Ellen Brook as confirmed by monitoring for a period of 5 years post construction. Through implementation of the Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan approved by the CEO. 	Prepare and implement the I Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan that meets the environmental objectives in condition 13-1.	Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan. Groundwater and Surface Water Monitoring Review (C008 and R037) CAR.	Overall	 During implementati on of the proposal. Not required at this stage 	С	Monitoring has been undertaken on a monthly basis during construction and will continue to be undertaken on a monthly basis in the Northern section. Given that construction is complete in the Central section of the PDNH, ground and surface water monitoring frequency has shifted from monthly to bi- annual. In general, there is no indication of deteriorating water quality trends caused by the construction activities over the project area (Golder 2019; C008 and R037 in Appendix C).
MS1036: M13.2	The proponent shall prepare the Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan required by condition 8-1 on advice of the Department of Water.	Prepare the Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan that meets the environmental objectives in condition 13-1.	Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan. CEO approval.	Overall	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval stated this condition has been met, as reported in the 2017 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M13.3	For the purpose of establishing trigger criteria as required by condition 8-2(1), if adequate site specific water quality data is not available the proponent shall undertake baseline surveys prior to the commencement of ground disturbing activities in the GUWPCA and in the vicinity of Ellen Brook.	Undertake baseline surveys in accordance with a CEO approved Baseline Survey Plan if adequate site specific data is not available.	CAR.	Pre- construction	If adequate site specific water quality data is not available.	CLD	Ground disturbing activities commenced on 31 March 2017. Baseline data was collected from December 2015 to May 2017. Supporting evidence provided in 2018 CAR (ELA 2018b).
M13.4 P C S (1) (1) (1)	 In the event baseline surveys are required, the proponent shall prepare in consultation with the Department of Water, and submit a Baseline Survey Plan to the CEO. The Baseline Survey Plan shall: (1) When implemented, determine the baseline water quality within the GUWPCA and the Ellen Brook. 	Prepare a Baseline Survey Plan if adequate site specific baseline data is not available.	Baseline Survey Plan – Environmental Quality – Hydrological Processes.	Pre- construction	Prior to the commencement of ground disturbing activities.	CLD	OEPA approval stated conditions 13-4, 13-4(2), 13- 4(3) and 13-4(4) have been met, as reported in 2017 CAR (Coffey 2017).
	(2) Detail the proposed methodology for the baseline surveys.						
	(3) Identify and spatially define the proposed survey locations and reference/control sites and provide rationale for the location of the sites.						
	(4) Detail the proposed frequency and timing for the baseline surveys.						

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M13.5	After receiving notice in writing from the CEO that the Baseline Survey Plan satisfies the requirements of condition 13-4, the proponent shall undertake the baseline surveys in accordance with the requirements of the Baseline Survey Plan.	Undertake baseline surveys in accordance with the CEO approved Baseline Survey Plan – Environmental Quality – Hydrological Processes.	Baseline Survey Plan – Environmental Quality – Hydrological Processes Report.	Overall	After receiving written notice from the CEO that the Baseline Survey Plan – Environmental Quality – Hydrological Processes is satisfactory.	CLD	Baseline survey completed in accordance with the approved Baseline Survey Plan as outlined in 2017 CAR (Coffey 2017).
M\$1036: M13.6	 On completion of the baseline surveys the proponent shall report to the CEO on the following: (1) Completion of the baseline surveys in accordance with the Baseline Survey Plan. (2) The results of the baseline surveys. 	Submit a Baseline Survey Report.	Baseline Survey Plan – Environmental Quality – Hydrological Processes Report.	Overall	On completion of the baseline surveys.	CLD	The Baseline Survey Report was issued in October 2017. Evidence was provided in 2018 CAR (ELA 2018b).
MS1036: M13.7	The proponent shall specify threshold criteria that are consistent with the Australian Drinking Water Guidelines (NHMRC & ARMCANZ 1996), or its revisions, as required by condition 8-2(2).	Include appropriate Australian Drinking Water Guidelines (NHMRC & ARMCANZ 1996) threshold criteria in the Inland Waters Environmental Quality - Hydrological Processes - Condition Environmental Management Plan.	Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan.	Pre- construction	Prior to the commencement of ground disturbing activities.	CLD	OEPA approval stated this condition has been met, as reported in 2017 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M13.8	The proponent shall not construct any laydown areas, stock piles or store chemicals within the well head protection zones in the GUWPCA.	Do not locate laydown or stockpiles or store chemicals within in the well head protection zones.	CAR.	Overall	During the implementation of the proposal.	с	The proponent has not constructed any laydown areas, stockpiles or stored chemicals within the wellhead protection zones of the GUWPCA (D002 in Appendix C).
MS1036: M13.9	 Any fuel or chemicals stored within the GUWPCA shall: (1) Be contained within double-lined fuel storage tanks. (2) Not exceed an individual storage tank capacity of 5,000 L. (3) Be placed in bunds capable of storing 125% of the capacity of the largest storage tank. (4) Not be located within well head protection zones. 	Ensure fuel or chemicals are stored in double line tanks and do not exceed an individual storage capacity of 5000 L. Tanks will be self- bunded or located on a bunded area capable of storing 125% of the largest storage tank.	CAR.	Overall	During construction of the proposal.	С	Weekly inspection checklists did not identify any non- compliances relating to chemicals. Shapefiles showing chemical storage locations are provided in D001 in Appendix C.
MS1036: M13.10	The proponent shall not construct infiltration basins, including bio-retention basins, within 100 m of drinking water production wells within the GUWPCA.	Ensure there are no infiltration basins, including bio-retention basins to be constructed within 100 m of the water production wells in the GUWPCA.	CAR.	Overall	During design and construction of the project.	С	The proponent has not constructed infiltration basins, including bio- retention basins, within 100 m of drinking water production wells within the GUWPCA. (D001 in Appendix C).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M14.1	 The proponent shall manage the construction of the proposal to meet the following environmental outcomes: 1) To ensure that construction and operation of the proposal, including from dewatering and groundwater abstraction, does not result in indirect impacts to the Claypans of the Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and Conservation Category Wetlands as shown in figures 5 and 6. (2) To ensure that construction of the proposal maintains predevelopment surface water flows to the Darwinia foetida, Claypans of the Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and Conservation Category Wetlands as shown in figures 3, 5 and 6. Through implementation of the Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan approved by the CEO. 	Prepare and implement the Flora and Vegetation — Inland Waters Environmental Quality — Hydrological Processes — Condition Environmental Management Plan that meets the environmental objectives in condition 14-1.	Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan. CAR. CEO approval.	Overall	During construction of the proposal.	C	The Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan was approved by the CEO on 15 March 2017 and is available on the MRWA website (MRWA 2019). Monitoring of groundwater and surface water levels has been undertaken on a monthly basis for the reporting period in accordance with the above Condition EMP. Exceedances were recorded but were determined to not be attributable to construction activities over the project area (C008 and R037 in Appendix C). Supporting evidence provided (C008 and R037) in Appendix C shows evidence that monthly monitoring was

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Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
							undertaken during the reporting period and that exceedances were not attributable to construction activities. Further supporting evidence can be provided upon request if required.
MS1036: M14.2	The proponent shall prepare the Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan required by condition 8-1 on advice of the Department of Water and Department of Parks and Wildlife.	Prepare and implement the Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan.	Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan. Department of Water (DoW) and	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval stated this condition has been met, as reported in the 2017 CAR (Coffey 2017).
			DPAW/DBCA advice.				
M51036: M14.3	The proponent shall undertake baseline surveys prior to ground disturbing activities for the purpose of establishing trigger and threshold criteria as required by condition 8-2.	Conduct baseline surveys prior to ground disturbance in accordance with the Baseline Survey Plan – Inland Waters – Environmental Quality.	CAR.	Pre- construction	Prior to the commencement of ground disturbing activities.	CLD	Baseline survey completed between December 2015 and May 2017 as reported in the 2018 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M14.4	 Prior to the commencement of ground disturbing activities, the proponent shall prepare in consultation with the Department of Water and the Department of Parks and Wildlife and submit a Baseline Survey Plan(s) to the CEO. The Baseline Survey Plan(s) shall: (1) When implemented, determine the baseline state of areas identified in condition 14-4(3) so that ongoing monitoring can determine that conditions 14-1(1) and 14-1(2) will be met. (2) Detail the proposed methodology for the baseline surveys. (3) Identify and spatially define the proposed survey locations and reference/control sites and provide rationale for the location of the sites. (4) Detail the proposed frequency and timing for the baseline surveys. 	Prepare a Baseline Survey Plan – Inland Waters – Environmental Quality to meet the requirements of condition 14-4.	Baseline Survey Plan – Inland Waters – Environmental Quality Report.	Pre- construction	Prior to the commencement of ground disturbing activities.	CLD	OEPA approval stated conditions 14-4, 14-4(2), 14- 4(3) and 14-4(4) have been met, as reported in 2017 CAR (Coffey 2017).
MS1036: M14.5	After receiving notice in writing from the CEO that the Baseline Survey Plan satisfies the requirements of condition 14-4, the proponent shall undertake the baseline surveys in accordance with the requirements of the Baseline Survey Plan	Undertake baseline surveys in accordance with the CEO approved Baseline Survey Plan – Inland Waters – Environmental Quality.	Baseline Survey Plan – Inland Waters – Environmental Quality Report.	Pre- construction	After receiving written notice from the CEO that the Baseline Survey Plan – Inland Waters – Environmental Quality is satisfactory.	CLD	The baseline water quality sampling was completed between December 2015 and May 2017 as reported in the 2017 CAR (Coffey 2017).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M14.6	 On completion of the baseline surveys the proponent shall report to the CEO on the following: (1) Completion of the baseline surveys in accordance with the Baseline Survey Plan. (2) The results of the baseline surveys. 	Complete baseline survey and report results of baseline surveys to CEO.	Baseline survey.	Pre- construction	On completion of the baseline surveys.	CLD	The baseline surveys were reported to the CEO on 23 October 2017. C030 in Appendix C.
MS1036: M14.7	The proponent shall undertake monitoring as required by condition 8-2(3) for a period of 3 years, or as otherwise agreed in writing by the CEO, post construction in order to demonstrate that the outcomes in condition 14-1(1) and 14-1(2) have been met.	Undertake monitoring in accordance with the Flora and Vegetation — Inland Waters Environmental Quality — Hydrological Processes — Condition Environmental Management Plan.	Flora and Vegetation – Inland Waters Environmental Quality – Hydrological Processes – Condition Environmental Management Plan Monitoring report.	Överall	A period of 3 years post construction, or as otherwise agreed in writing by the CEO.	In process (Central) NR (Northe rn)	Construction of the Central section was completed in March 2019 when monitoring reverted to biannually. The Northern section is still in the construction phase. Post-construction monitoring for the Central section will be undertaken biannually (March and September) for groundwater and surface water quality, and annually for Basin sediment quality relevant CCWs (C008 and R032 in Appendix C).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
M51036: M14.8	In the event that monitoring required by condition 14-7 indicates that the outcomes in condition 14- 1(1) and 14-1(2) have not been met the proponent shall undertake to the requirements of condition 8-4.	Assess monitoring results against triggers and thresholds.	Monitoring report. CAR.	Operation	Notify CEO within 7 days and provide a report within 60 days of exceedance being identified.	NR	Post-construction has only just commenced as of September 2019 for the Central section and has not yet commenced for the Northern section. Therefore, monitoring has not yet been undertaken over a three year period.
MS1036: M14.9	The proponent shall not construct laydowns areas or stock piles within 50 m of Claypans of the Swan Coastol Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) and Conservation Category Wetlands as shown in figures 5 and 6.	Do not locate laydown or stockpiles within 50 m of Claypans of the Swan Coastal Plain and Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain) or Conservation Category Wetlands.	CAR.	Overall	During construction of the proposal.	C	Shapefiles of laydown/stockpile areas indicated no construction in these areas. D001 in Appendix C.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Amenity (N	loise) – Condition Environmental Management Plan						
MS1036: M15.1	 The proponent shall construct the proposal to meet the following environmental objectives: (1) To ensure that impacts to the noise amenity of existing sensitive receptors delineated in figure 7 of Schedule 2, as a result of the ongoing operation of the proposal are minimised as low as reasonably practicable. (2) To ensure that the impacts to the noise amenity of existing sensitive receptors, are consistent with section 5.3 of State Planning Policy 5.4 for properties south of Maralla Road. Through implementation of the Amenity (Noise) – Condition Environmental Management Plan, approved by the CEO. 	Prepare and implement an Amenity (Noise) - Condition Environmental Management Plan to meet the environmental objectives in condition 15-1.	Amenity (Noise) – Condition Environmental Management Plan. CAR. CEO approval.	Overall	During design and construction of the proposal.	C	The Amenity (Noise) – Condition Environmental Management Plan was revised and approved by the CEO on 13 March 2019 (CO2 in Appendix C). Revision 3 and Revision 4 of the Amenity Condition EMP have been implemented throughout the reporting period. Noise complaints registers for both the Central and Northern section have been reviewed and indicate that consultation has occurred with various land holders. An example of a noise complaints register for the central section is provided (R035) in Appendix C.

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MS1036:	The Amenity (Noise) - Condition Environmental	Prepare an Amenity	Amenity (Noise) –	Pre-	Prior to the	CLD	OEPA approval stated
M15.2	Management Plan shall include management	(Noise) – Condition	Condition	Construction	commencement		condition has been met, as
	actions for:	Environmental	Environmental		of ground		reported in 2017 CAR (Coffey
	 The design of noise mitigation measures, including but not limited to noise attenuation barriers and noise walls. 	Management Plan to meet the requirements of condition 15-3.	Management Plan.		disturbing activities, or as otherwise agreed in writing by the		2017).
	(2) The procedures to monitor the effectiveness of noise mitigation measures.				CEO.		;
	(3) The procedures to consult with the affected landowners delineated in figure 7 of Schedule 1 and defined by geographic coordinates in Schedule 2, regarding additional noise mitigation measures.						
	(4) The procedures for noise complaint management and a response framework.						
							Al.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Condition 1	L6: Residual Impacts and Risk Management Measures				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
MS1036: M16.1	 The objective of conditions 16-2 to 16-22 is to offset the following significant residual impacts: (1) 4 ha of Threatened Ecological Community SCP 20a, 'Bonksia attenuata woodlands over species rich dense shrublands'. (2) 5.5 ha of Yanga Complex. (3) 31.9 ha of Caladenia huegelii critical habitat. (4) 129.9 ha of Bush Forever sites. (5) 7.65 ha of A Class Nature Reserves. (6) 207.2 ha of Calyptorhynchus lotirostris (Carnaby's black cockatoo) foraging habitat. (7) 120.5 ha of Colyptorhynchus banksii naso (Forest red-tailed black cockatoo) foraging habitat. (8) 16 ha of Conservation Category Wetlands. 	Implement condition 16-2 to 16-22.	CAR.	Overall	During the implementation of the proposal.	C	The loppolo Road Site Land Acquisition and Management Plan, and <i>Caladenia huegelii</i> Habitat Management Plan, were approved by the OEPA as reported in the 2017 CAR (Coffey 2017). The SCP 20a Offsets Strategy was approved by DWER in May 2019 (C021 in Appendix C) and the Land Acquisition and Rehabilitation Offsets Strategy was approved in January 2019 (C022 in Appendix C). All documents are available on the MRWA website (MRWA 2019).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
Condition 1	L6: Residual Impacts and Risk Management Measures	- loppolo Road Site Land A	cquisition and Manag	gement Plan			
MS1036: M16.2	 Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO, the proponent shall submit an loppolo Road Site Land Acquisition and Management Plan to the requirements of the CEO, with the objective of counterbalancing the significant residual impact to: (1) 7.65 ha of A Class Nature Reserves. (2) 202 ha of <i>Calyptorhynchus latirostris</i> (Carnaby's black cockatoo) foraging habitat. (3) 99.1 ha of <i>Calyptorhynchus banksii</i> naso (Forest red-tailed black cockatoo) foraging habitat. 	Prepare an loppolo Road Site Land Acquisition and Management Plan.	Ioppolo Road Site Land Acquisition and Management Plan. CEO approval.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	Plan was approved 8/02/2017, as reported in the 2017 CAR (Coffey 2017)
MS1036: M16.3	 The loppolo Road Site Land Acquisition and Management Plan shall: (1) Identify the environmental attributes of the land to be acquired which must contain: (a) At least 673.5 ha of <i>Calyptorhynchus</i> <i>lotirostris</i> (Carnaby's black cockatoo) potential foraging habitat. 	Prepare an loppolo Road Site Land Acquisition and Management Plan that include the requirements in condition 16-3. Correspondence documenting advice	loppolo Road Site Land Acquisition and Management Plan.	Pre- construction	Prior to commencement of construction until the CEO advises implementation may cease.	CLD	OEPA approval stated condition has been met, as reported in the 2017 CAR (Coffey 2017).

ubject /	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
udit ode							
	 (b) At least 279 ha of <i>Calyptorhynchus</i> <i>bonksii</i> naso (Forest red-tailed black cockatoo) potential foraging habitat. (2) Detail the arrangements and funding for the upfront works associated with establishing the conservation reserve and ongoing management of the land acquired on advice from the Department of Parks and Wildlife (3) Identify activities to be undertaken includin improvement actions for areas identified a being in a degraded condition or cleared areas requiring rehabilitation. (4) Detail timeframes for undertaking improvement actions and management activities. (5) Identify roles and responsibilities of the proponent and any agreements with third parties. 	e		· · ·			
	(6) Detail completion criteria.						
	(7) Include monitoring and reporting requirements.						



Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M16.4	 After receiving notice in writing from the CEO that the loppolo Road Site Land Acquisition and Management Plan satisfies the requirements of condition 16-3, the proponent shall: (1) Prior to the commencement of ground disturbing activities, commence the implementation of the actions in accordance with the requirements of the approved loppolo Road Site Land Acquisition and Management Plan. (2) Continue to implement the approved loppolo Road Site Land Acquisition and Management Plan until the CEO has confirmed by notice in writing that it has been demonstrated that the completion criteria in the loppolo Road Site Land Acquisition and Management Plan have been met and therefore the implementation of the actions is no longer required. 	Implement the CEO approved loppolo Road Site Land Acquisition and Management Plan.	CAR. Notice from CEO that implementation no longer required.	Pre- construction	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	C	The approved Plan continues to be implemented. Actions undertaken by DBCA up to 20 September 2019 include Dieback management survey, further track closure, signage, weed control and feral deer monitoring. Gates have not been installed in the reserves as they are considered unlikely to prevent unauthorised access. It is proposed to amend the loppolo Road Management Plan to remove this requirement. C031 in Appendix C.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M16.5	Prior to the commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO, the proponent shall acquire, or fully fund the acquisition of, the land identified in the approved loppolo Road Site Land Acquisition and Management Plan, as required by condition 16-2, for the purpose of conservation. The land identified in the approved loppolo Road Site Land Acquisition and Management Plan shall be vested to the Conservation and Parks Commission for the purpose of conservation of flora and fauna.	Fund acquisition of loppolo Road Site.	CAR. Notice of transfer of funds.	Pre- construction	Prior to commencement of ground disturbing activities.	CLD	Ground disturbing activities commenced on 31 March 2017. The approved Plan (January 2017) outlines that funding of land acquisition is complete, as reported in the 2017 CAR (Coffey 2017). Vesting of the land to the Conservation and Parks Commission is outside of the proponent's control.
MS1036: M16.6	The proponent shall review and revise the loppolo Road Site Land Acquisition and Management Plan as and when directed by the CEO.	Revise loppolo Road Site Land Acquisition and Management Plan as and when directed by the CEO.	Revised loppolo Road Site Land Acquisition and Management Plan.	Overall	As and when directed by the CEO.	С	The CEO has not directed that the management plan be reviewed or revised.
MS1036: M16.7	The proponent shall implement the latest revision of the loppolo Road Site Land Acquisition and Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 16-2.	Implement the Revised Ioppolo Road Site Land Acquisition and Management Plan.	CAR.	Overall	After receiving written notice from the CEO that the loppolo Road Site Land Acquisition and Management Plan is satisfactory.	С	As for M16.4.

Subject / Audit code	Requ	lirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M16.8	State subm Strate	in twelve months of the publication of this ement, the proponent shall prepare and hit a Land Acquisition and Restoration Offsets egy to the CEO, with the objective of terbalancing the significant residual impact to: 5.5 hectares of Yanga Complex. 129.9 hectares of Bush Forever sites. 5.2 hectares of Calyptorhynchus latirostris (Carnaby's black cockatoo) foraging habitat. 21.4 hectares of Calyptorhynchus banksii naso (forest red-tailed black cockatoo) foraging habitat. 16 hectares of Conservation Category Wetlands.	Prepare a Land Acquisition and Restoration Offsets Strategy.	Land Acquisition and Restoration Offsets Strategy.	Överall	Within twelve months of the publication of Ministerial Statement No. 1036.	CLD	The initial draft Offset Strategy was submitted to DWER – EPA Services within 12 months of publication of MS 1036 as reported in the 2018 CAR (ELA 2018b). DWER – EPA Services requested a number of amendments to the Strategy. The final Strategy was submitted and approved on 7 January 2019 (C022 in Appendix C).
MS1036: M16.9	Strate	and Acquisition and Restoration Offsets egy required by condition 16-8 shall: Identify an area or areas to be protected, managed and/or restored for conservation or enhancement of the values identified in condition 16-8. Identify the area(s) of land to be acquired	Include requirements of condition 16-9 into the Land Acquisition and Restoration Offsets Strategy.	Land Acquisition and Restoration Offsets Strategy. CEO approval.	Overall	II Within twelve months of the publication of Ministerial Statement No. 1036.	CLD	As for M16.8.
		 which must contain: (a) No less than 48 ha of wetlands which are of the same quality as Conservation Category Wetlands at the time of acquisition or after rehabilitation. (b) 181 ha with vegetation communities and/or complexes and conditions 						

						Annual Annual		
Subject / Audit code	Req	uirement	How	Evidence	Phase	Timeframe	Status*	Further information
		commensurate with the Bush Forever sites being impacted.						
		(c) No less than 5.5 ha of Yanga Complex.						
	(3)	Include a completed WA Offsets Template, as described in the WA Environmental Offsets Guidelines 2014, as well as the Commonwealth's Offset Assessment Guide, to demonstrate how the proposed offset counterbalances the significant residual impact to:						
		(a) 5.2 ha of <i>Calyptorhynchus latirostris</i> {Carnaby's black cockatoo) potential foraging habitat.						
		(b) 21.4 ha of <i>Calyptorhynchus banksii naso</i> (forest red-tailed black cockatoo) potential foraging habitat.						
	(4)	Identify the environmental attributes of the offset area(s).						
	(5)	Commit to a protection mechanism for any areas of land acquisition, being either the area is ceded to the Crown for the purpose of conservation, or the area is managed under a Conservation Covenant in perpetuity.						
	(6)	If any land is to be ceded to the Crown for the purpose of conservation, the proponent will determine:						

Subject / Audit code	Requ	uirement	How	Evidence	Phase	Timeframe	Status*	Further information
coue		(a) The quantum of, and provide funds for, the upfront works associated with establishing the conservation area.						
		(b) The quantum of, and provide a contribution of funds for, the management of this area for no less than seven (7) years.						
		(c) The quantum identified in conditions 16- 9(6) (a) and 16-9(6) (b) shall provide for the requirements defined in condition 16-9(7) (a) to be met.						
		(d) An appropriate management body for the ceded land.						
	(7)	State the management and/or rehabilitation actions to be undertaken including:						
		(a) The objectives and targets to be achieved, including completion criteria.						
		(b) The consistency of the objectives and targets identified in 16-9(7) (a) with the management objectives of the relevant Recovery Plans.						
		(c) Management and/or rehabilitation actions and a timeframe for the actions to be undertaken.						
		(d) Risk management.						
		(e) Funding arrangements and timing of funding for conservation activities.						

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Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
	 (f) Monitoring, reporting and evaluation mechanisms for management and/or rehabilitation actions. (8) Define the role of the proponent and/or any third parties. 						
MS1036: M16.10	 After receiving notice in writing from the CEO that the Land Acquisition and Restoration Offsets Strategy satisfies the requirements of condition 16-9, the proponent shall: (1) Implement the actions in accordance with the requirements of the approved Land Acquisition and Restoration Offsets Strategy. (2) Continue to implement the approved Land Acquisition and Restoration Offsets Strategy until the CEO has confirmed by notice in writing that it has been demonstrated that the completion criteria in the Land Acquisition and Restoration Offsets Strategy have been met and therefore the implementation of the actions is no longer required. 	Implement the Land Acquisition and Restoration Offsets Strategy after CEO approval and until the CEO confirms the implementation of the Strategy is no longer required.	CAR.	Overall	After CEO approval and until the CEO confirms the implementation of the Strategy is no longer required.	C	 The Strategy was approved on 7 January 2019 (C022 in Appendix C). Since then, actions within the Strategy have been implemented including: A Memorandum of Understanding (MOU) has been developed and signed by both MRWA and DBCA on 23 July 2019 (C029 in Appendix C). A rehabilitation plan has been developed for Lot 806 Brand Highway (R034 in Appendix C). Given that the MoU has only recently been signed, there will be no DBCA annual report on management actions until 2020 which is outside the reporting period of this CAR.



Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1036: M16.11	The proponent shall review and revise the Land Acquisition and Restoration Offsets Strategy as and when directed by the CEO.	Revise the Land Acquisition and Restoration Offsets Strategy as directed by the CEO.	Revised Land Acquisition and Restoration Offsets Strategy.	Overall	As and when directed by the CEO.	С	As for 16.8
Condition 1	6: Residual Impacts and Risk Management Measures	- Caladenia huegelii Habita	at management Plan				
MS1036: M16.12	Prior to commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO, the proponent shall prepare and submit a <i>Caladenia huegelii</i> Habitat Management Plan to maintain or improve the conservation of <i>Caladenia</i> <i>huegelii to</i> the requirements of the CEO.	Prepare a <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan that includes the information required by condition 16-14 and 16- 16.	Coladenia huegelii Habitat Management Plan. CEO approval.	Pre- construction	Prior to commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	Ground disturbing activities commenced on 31 March 2017. OEPA approval dated 15 March 2017 stated condition has been met, as reported in 2017 CAR (Coffey 2017).
MS1036: M16.13	The proponent shall prepare the <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan required by condition 16-12 on advice of the Department of Parks and Wildlife.	Prepare a <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan that includes the information required by condition 16-14 and 16- 16.	<i>Caladenia huegelii</i> Habitat Management Plan. DPAW/DBCA advice.	Pre- construction	Prior to commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	OEPA approval stated condition has been met, as reported in 2017 CAR (Coffey 2017).

Subject / Requirement How Evidence Timeframe Phase Status* Further information Audit code MS1036: The Caladenia huegelii Habitat Management Plan Prepare a Caladenia Caladenia huegelii Pre-CLD As for M16.13. Prior to M16.14 identified in condition 16-12, shall include details huegelii Habitat Habitat construction commencement Management Plan that on the: Management Plan of ground includes the disturbing (1)Activities to be undertaken. information required by activities, or as condition 16-14 and 16-Consistency of the activities identified in 16otherwise agreed (2) 16. in writing by the 14(1) with the management objectives of the relevant Recovery Plan. CEO. (3) Timeframes for undertaking management activities. (4) Roles and responsibilities. Funding arrangements for implementation (5) of the plan. Monitoring, reporting and evaluation (6) mechanisms. (7) Completion criteria. MS1035: The Caladenia huegelii Habitat Management Plan Caladenia huegelii Caladenia huegelii During the As for M16.13. Pre-CLD M16.15 required by condition 16-12 shall apply to A Class implementation Habitat Management Habitat construction Nature Reserves 23756, 46919 and 46875, Bush Plan. Management of the proposal. Forever Site 300. Plan.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1035: M16.16	 The activities to be undertaken as identified in condition 16-14(1) shall address the requirement for: (1) Provision of Cable fencing and heavy duty gates. (2) Weed mapping and control. (3) Phytophthora cinnamami mapping. (4) The development of a hygiene plan based on the mapping as identified in condition 16-16(3). (5) Caladenia huegelii surveys and critical habitat mapping. (6) Other activities to be undertaken that would maintain or improve the conservation status of Caladenia huegelii. 	Prepare a <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan that includes the information required by condition 16-14 and 16- 16.	Caladenia huegelii Habitat Management Plan.	Pre- construction	Prior to commencement of ground disturbing activities, or as otherwise agreed in writing by the CEO.	CLD	As for M16.13.

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1035: M16.17	Prior to commencement of ground disturbing activities, and after receiving notice in writing from the CEO on the advice of the Department of Parks and Wildlife that the <i>Caladenia huegelii</i> Habitat Management Plan satisfies the requirements of conditions 16-13 to 16-16, or as otherwise agreed by the CEO, the proponent shall implement the <i>Caladenia huegelii</i> Habitat Management Plan until the CEO advises implementation may cease.	Implement the CEO approved <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan.	CAR. Advice from CEO and DBCA.	Overall	Prior to commencement of ground disturbing activities, or as otherwise agreed by the CEO until the CEO advises implementation may cease.	C	The approved plan was implemented prior to the commencement of ground disturbance and continues to be implemented. Activities undertaken over the reporting period, and actions proposed for the next reporting period (2019- 2020) are provided in Table 4-1 in Section 4.2.1 (R036 in Appendix C). CEO has not advised that implementation may cease.
MS1035: M16.18	The proponent shall review and revise the <i>Caladenia huegelii</i> Habitat Management Plan as and when directed by the CEO.	Revise the <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan Strategy as directed by the CEO.	Revised <i>Caladenia</i> <i>huegelii</i> Habitat Management Plan.	Overall	As and when directed by the CEO.	С	The <i>Caladenia huegelii</i> Habitat Management Plan was revised and subsequently approved by the CEO on 13 March 2019 (Rev 5; C028 in Appendix C).

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information
MS1035: M16.19	 The proponent shall undertake an offset with the objective of counterbalancing the significant residual impact to: (1) 4 ha of Threatened Ecological Community SCP 20a, 'Banksia attenuata waadlands aver species rich dense shrublands' as a result of the implementation of the proposal. 	Prepare and implement the SCP 20a Offsets Strategy.	SCP 20a Offsets Strategy. CAR.	Overall	Develop the SCP 20a Offsets Strategy within twelve months of the publication of Ministerial Statement No. 1036. Implement SCP Offsets Strategy until the CEO has confirmed by notice in writing that criteria have been met.	C	The SCP 20a Offset Strategy has been developed and was subsequently approved by the CEO as of 20 th May 2019 (CO21 in Appendix C).

MS1036:	Within twelve months of the publication of this	Prepare a SCP 20a	SCP 20a Offsets	Overall	Within twelve	CLD	The SCP 20a Offsets Strategy
M16.20	Statement, the proponent shall prepare and	Offsets Strategy.	Strategy.		months of the		was approved on 20 May
	submit an SCP 20a Offsets Strategy to the CEO. The				publication of		2019 (C021 in Appendix C).
	SCP 20a Offsets Strategy shall:				Ministerial		
	(1) Identify an area or areas to be protected,				Statement No. 1036.		
	managed and/or rehabilitated for				1030.		
	conservation or enhancement of SCP 20a, or						
	habitat necessary to maintain or enhance						
	SCP 20a, identified in condition 16-19(1);		2				
	(2) include a completed WA Offsets Template,						
	as described in the WA Environmental						
	Offsets Guidelines 2014, as well as the						
	Commonwealth's Offset Assessment Guide,						
	to demonstrate how the proposed offset						
	counterbalances the significant residual						
	impact.						
	(3) Identify the environmental attributes of the						
	offset area(s).						
	(4) Commit to a protection mechanism for any						
	areas of land acquisition, being either the						
	area is ceded to the Crown for the purpose						
	of conservation, or the area is managed						
	under a Conservation Covenant in						
	perpetuity.						

(5)	If any land is to be ceded to the Crown for			
(0)	the purpose of conservation, the proponent will identify:			
	(a) The quantum of, and provide funds for, the upfront works associated with establishing the conservation area.			
	(b) The quantum of, and provide a contribution of funds for, the management of this area for no less than seven (7) years.			
	(c) The quantum identified in conditions 16-20(5) (a) and 16-20(5) (b) shall provide for the requirements defined in condition 16-20(6) (a) to be met.			
	(d) An appropriate management body for the ceded land.			
(6)	State the management and/or rehabilitation actions to be undertaken including:			
	(a) The objectives and targets to be achieved, including completion criteria.			
	(b) Management and/or rehabilitation actions and a timeframe for the actions to be undertaken.			
	(c) Funding arrangements and timing of funding for conservation activities.			
	(d) Monitoring, reporting and evaluation mechanisms for management and/or rehabilitation actions.			

Subject / Audit code	Requirement	How	Evidence	Phase	Timeframe	Status*	Further information	
	(7) Define the role of the proponent and/or any third parties.							
MS1036: M16.21	 After receiving notice in writing from the CEO that the SCP 20a Offsets Strategy satisfies the requirements of condition 16-20, the proponent shall: (1) Implement the actions in accordance with the requirements of the approved SCP 20a Offsets Strategy. (2) Continue to implement the approved SCP 20a Offsets Strategy until the CEO has confirmed by notice in writing that it has been demonstrated that the completion criteria in the SCP 20a Offsets Strategy have been met and therefore the implementation of the actions is no longer required. 	Implement the SCP 20a Offsets Strategy as required by condition 16-21.	CAR.	Overall	After receiving CEO approval and until the CEO confirms implementation of the SCP 20a Offsets Strategy is no longer required.	C	The Strategy was approved on 20 May 2019 and has since been implemented. Actions completed to date include the establishment of a MOU signed by both MRWA and DBCA on 23 July 2019 (C029 in Appendix C).	
MS1036: M16.22	The proponent shall review and revise the SCP 20a Offsets Strategy as and when directed by the CEO.	Review the SCP 20a Offsets Strategy as and when directed by the CEO.	Revised SCP 20a Offsets Strategy.	Overall	As and when directed by the CEO.	С	The SCP 20a Offsets Strategy was approved on 20 May 2019 (C021 in Appendix C). The CEO has not directed that the Strategy be revised.	

APPENDIX C

Supporting/ verifying information

Table C1 Supporting/Verifying Information

Type of information	Unique code	Document title/Information description
Correspondence	C001	Stuart Cowie to Richard Sellers - Statement 1036 - Notice of Non-compliance.
Correspondence	C002	Statement 1036 - Baal street disturbance DWER response - 21 March 2019.
Correspondence	C003	Statement 1036 - revised CAP Approval Letter - 7 Feb 2019.
Correspondence	C004	Notification of Impact on Darwinia foetida 40 m Buffer Zone
Correspondence	C005	Darwinia foetida 40 m buffer report Condition 8-4 210219
Correspondence	C006	Notification of October 2018 FV indirect trigger Central
Correspondence	C007	MS1036 Report to CEO under Condition 7-4 080119.
Correspondence	C008	MS1036 CEMP Groundwater Monitoring Review Golder 2019.
Correspondence	C009	DWER response to MS1036 Reporting under condition 7-4(4) October 2018.
Correspondence	C010	Notification of October 2018 FV Indirect Early Warning Trigger north
Correspondence	C011	Notification of December 2018FV indirect trigger north
Correspondence	C012	Notification of March 2019 FV Indirect Early Warning Trigger north
Correspondence	C013	Notification of June 2019 FV Indirect Early Warning Trigger north
Correspondence	C014	Notification of Sept 2019 FV Indirect Early Warning Trigger north
Correspondence	C015	Notification of October 2018 inland waters exceedances central
Correspondence	C016	Notification of Aug and Sept 2018 exceedances central and northern
Correspondence	C017	Notification of Dec 2018 and Jan 2019 exceedances central and northern
Correspondence	C018	Notification of March 2019 exceedances northern
Correspondence	C019	DWER response to potential NC with reporting
Correspondence	C020	MS1036 Reporting and investigation Darwinia foetida
Correspondence	C021	SCP20a Offsets Strategy Rev4-May2019-Approval
Correspondence	C022	LAROS - Approved (DWERDA-044790)
Correspondence	C023	Amenity (Noise) CEMP Rev4 Approval
Correspondence	C024	Flora and Vegetation CEMP Rev5 Addenda-1 Approval May2019
Correspondence	C025	Flora and Vegetation Progressive Rehab CEMP Rev4 Approval
Correspondence	C026	Fauna CEMP Rev4 Approval
Correspondence	C027	Inland Waters CEMP Rev 7 - Approval
Correspondence	C028	Caladenia huegelii habitat management plan Rev 5 Approval
Correspondence	C029	Memorandum of Understanding for Northlink WA Offset LAROS SCP20a
Correspondence	C030	Letter MS1036 Reporting baseline survey results to CEO
Correspondence	C031	RE loppolo NR Annual Report 2019
Correspondence	C032	FW Ioppolo Road Annual Report 2018 - gates
Correspondence	C033	MS1036 Reporting under Condition 7-4 170519 north
Correspondence	C034	MS1036 Reporting under Condition 7-4 260919 north
Correspondence	C035	DWER response to draft SCP20a Offsets Strategy 23 February 2018

Type of information	Unique code	Document title/Information description
Correspondence	C036	RE MS1036 Compliance with offset management actions
Inspection checklist	IC001	WE 20181130 Weekly Environmental Inspection
Inspection checklist	IC002	WE 20190224 Weekly Environmental Inspection
Inspection checklist	IC003	WE 20190407 Weekly Environmental Inspection
Inspection checklist	IC004	WE 20180921 Environmental Weekly Checklist Rev01
Inspection checklist	IC005	WE 20181123 Environmental Weekly Checklist Rev00
Inspection checklist	IC006	WE 20181214 Environmental Weekly Checklist Rev00
Inspection checklist	IC007	WE 20190426 Environmental Weekly Checklist Rev00
Inspection checklist	IC008	WE 20190719 Environmental Weekly Checklist Rev00
Inspection checklist	IC009	WE 20190920 Environmental Weekly Checklist Rev00
Inspection checklist	IC010	Post Rain Inspection NLCS - Culvert Monitoring Locations
Inspection checklist	IC011	WE 20190322 Environmental Weekly Checklist Rev00
Data (shapefiles)	D001	13416 Northlink CAR clearance footprints
Report	R001	Investigation into Impact on Darwinia foetida Buffer Zone (Rev 0)
Report	R002	Northlink Northern Dieback recheck Glevan Consulting 2018
Report	R003	Northlink Central Dieback recheck Glevan 2018
Report	R004	Investigation into Impact on Darwinia foetida Buffer Zone (Rev 0)
Report	R005	Investigation reporting under Condition 7-4 231018
Report	R006	Investigation report under Condition 7-4(4) 120719
Report	R007	Whiteman Park SCP20a Survey Apr19
Report	R008	Exceedances report Central section September 2018
Report	R009	Exceedances report Central December 2018
Report	R010	Exceedances report Central February 2019
Report	R011	Exceedances report North March 2019
Report	R012	Exceedances Investigation North December 2018
Report	R013	Exceedances report Central July 2019
Report	R014	2018 Annual Weed Mapping NorthLink Stage 3
Report	R015	Sep 2018 Weed Monitoring V1
Report	R016	Oct 2018 Weed Monitoring V1
Report	R017	Dec 2018 Weed Monitoring V1
Report	R018	Jan 2019 Weed Monitoring V1
Report	R019	Feb 2019 Weed Monitoring V1
Report	R020	Mar 2019 Weed Monitoring V1
Report	R021	Apr 2019 Weed Monitoring V1
Report	R022	May 2019 Weed Monitoring V1
Report	R023	June 2019 Weed Monitoring V1
Report	R024	July 2019 Weed Monitoring V1

Type of information	Unique code	Document title/Information description
Report	R025	August 2019 Weed Monitoring V1
Report	R026	Sept 2019 Weed Monitoring V1
Report	R027	Nov 2018 Weed Monitoring V1
Report	R028	GNC flora and vegetation monitoring Oct 2018
Report	R029	GNC flora and vegetation monitoring Jan 2019
Report	R030	GNC flora and vegetation monitoring Nov 2018
Report	R031	GNC flora and vegetation monitoring April 2019
Report	R032	GNC FV monitoring post construction Central Aug 2019
Report	R033	GNC SCP20a monitoring post construction August 2019
Report	R034	Lot 806 Brand Hwy Revegetation Plan
Report	R035	Noise Dust Vibration enquiries for NorthLink WA central
Report	R036	Caladenia huegelii Habitat Management Plan Progress Report 18-19 v2
Report	R037	Golder 2019 water quality data review
Report	R038	Bush Forever Site 300 Weed Control_Dec18
Report	R039	Flora & Veg & Targeted Ch Survey BF300_FVC Feb19

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