

Your Ref: MS1065
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31 March 2021

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Submitted via email: compliance@dwer.wa.gov.au ; kevin.dasilva@dwer.wa.gov.au

MS1065 Groundwater Replenishment Scheme Stage 2 – Submission of Compliance Assessment Report


Condition 4-6 and 4-3 of Ministerial Statement 1065 (MS1065) require Water Corporation to submit a Compliance Assessment Report (CAR) in accordance with a Compliance Assessment Plan (CAP) approved in writing by the CEO (*approved 5th December 2017*)

The attached CAR has been prepared accordingly, to meet the requirements outlined in the approved CAP and demonstrate compliance status with the conditions of MS1065 for the period October 2018 to October 2020.

If you require further information in relation to the compliance report please contact Hardeep Khachar on 9371 4065 or hardeep.khachar@watercorporation.com.au

Yours sincerely



 Dr Digby Short
Manager - Environment

Attached:
MS1065 Groundwater Replenishment Scheme Stage 2 - Compliance Assessment Report
(includes – Statement of Compliance)

MS1065 Perth Groundwater Replenishment Scheme

Compliance Assessment Report

Period 12 October 2018 - 12 October 2020





Document Information

Document Title	MS1065 Perth Groundwater Replenishment Scheme - Compliance Assessment Report 2018-20
Document reference	Nexus# 111286150



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1. Background

The Perth Groundwater Replenishment Scheme Stage 2 proposal is for the construction of an Advanced Water Recycling Plant at the Beenyup Wastewater Treatment Plant in Craigie and the construction of water recharge and conveyance infrastructure to recharge up to 14 GL of recycled water that meets Australian Drinking Water standards to the Leederville and Yarragadee aquifers.

This Compliance Assessment Report has been prepared for the Perth Groundwater Replenishment Scheme as described in Ministerial Statement (MS) 1065 for the reporting period from October 2018 to October 2020.

The document has been prepared to meet the requirements of Condition of 4-6 of MS 1065 which states, in part, that the proponent shall submit to the CEO a Compliance Assessment Report annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO.

2. Summary of proposal's implementation status:

The proposal was implemented in accordance with Table 2 of Schedule 1 (as amended) of MS1065. In terms of status the proposal has progressed through the construction phase and into the operational phase during the reporting period.

The table below provides an overview of the current status of the different components of the proposal.

Component	Status	Issues
AWRP	Construction of the AWRP is currently been completed.	Operating
Recharge Pipeline – trenchless	Construction and pipeline installation at Freeway crossing, Perry's Paddock to Poinciana Place, "Area A" (Banksia Woodland) and "Area B" (Joondalup Drive Crossing) have been completed	No issues beyond previously reported
Recharge Pipeline – Open trench	Construction completed.	No issues beyond previously reported
Northern Recharge Site	Bore commissioning anticipated prior to April 2021	Works finalised
Southern Recharge Site	Bore commissioning anticipated prior to April 2021	Works finalised
Groundwater Recharge	Aquifer recharge not commenced	Commencement subject to commissioning
Post Construction:	Revegetation and weed management are progressing as planned with minor variations	Weed management progressing with challenges for completion criteria
Impact to Banksia Woodlands	Vegetation Health Monitoring Plan implemented	No evidence of adverse impacts at area A or B



3. Compliance Status / Declared Compliance Status

Compliance with Ministerial Statement

A **Statement of Compliance** has been prepared and this includes an **Audit Table** summarising the compliance status of each condition within Ministerial Statement 1065. See **Appendix 1**.

4. Attachments

(Note, the 'Nexus' links for attachments are intended for Water Corporation internal use only. PDF copies of these documents have been provided to DWER at time of submission of this report.)

Appendix 1: Statement of Compliance, including MS1065 Audit Table

<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/111820627>

Further attachments pertaining to compliance status are listed at end of the Audit Table

Appendix 1

Statement of Compliance

1. Proposal and Proponent Details

Proposal Title	Groundwater Replenishment Scheme Stage 2
Statement Number	1065
Proponent Name	Water Corporation
Proponent's Australian Company Number <i>(where relevant)</i>	28 003 434 917

2. Statement of Compliance Details

Reporting Period	12/10/18 to 12/10/20
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Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))							
Pre-construction	<input type="checkbox"/>	Construction	<input checked="" type="checkbox"/>	Operation	<input checked="" type="checkbox"/>	Decommissioning	<input type="checkbox"/>

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

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

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

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

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Non-compliance/potential non-compliance 3-1

Which implementation condition or procedure was non-compliant or potentially non-compliant?
<p>M 1-1 When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 of Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the EP Act.</p> <p>M 4-3 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 with the Compliance Assessment Plan required by condition 4-1.</p> <p>M 4-5 The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.</p> <p>M 4-6 The proponent shall submit to the CEO the first CAR 15 months from the date of issue of this Statement addressing the 12-month period from the date of issue of this Statement and then annually from the date of submission of the first CAR, or as otherwise agreed in writing by the CEO.</p>
Was the implementation condition or procedure non-compliant or potentially non-compliant?
Non-compliant
On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?
The October 2018 - October 2019 reporting period


Was this non-compliance or potential non-compliance reported to the Chief Executive Officer, DWER?	
<input type="checkbox"/> Reported to DWER verbally Date _____ <input type="checkbox"/> Reported to DWER in writing Date _____	No

What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?
<p>M1-1 Clearing outside the approved development envelope (Event 25th May 2019, notification 30th May 2019) Investigation Outcomes.pdf: see Attachment 1-1 in CAR report. https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114002543</p> <p>M4-3 Assessment of compliance for period 12 Oct 2018-12 Oct 2019 was incomplete, in that the CAR report for that period was missed and not submitted. No environmental impacts associated.</p> <p>M4-5 Did not notify within 7 days for of non-submission of CAR report required by M4-6. No environmental impacts associated.</p> <p>M4-6 Did not prepare and submit a CAR report by 30 January 2020 for Oct 2018-Oct 2019 period. No environmental impacts associated.</p>
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? Staff transition and reporting accountabilities not allocated
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? None
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? Accountabilities are confirmed within the business to ensure all reporting against MS1065 addresses compliance
Please provide information/documentation collected and recorded in relation to this implementation condition or procedure: <ul style="list-style-type: none"> 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)

Proponent Declaration

I, Digby Short, Manager - Environment....., (full name and position title) declare that I am authorised on behalf of Water Corporation (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: 
PP FOR DIGBY SHORT.


Date: 3-3-2021

Please note that:

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

4. Submission of Statement of Compliance

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

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

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

5. Contact Information

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

Manager, Compliance (Ministerial Statements)

Department of Water and Environmental Regulation

Postal Address: Locked Bag 33
Cloisters Square
PERTH WA 6850

Phone: (08) 6364 7000

Email: compliance@dwer.wa.gov.au

6. Post Assessment Guidelines and Forms

Post assessment documents can be found at www.epa.wa.gov.au

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

INITIALS: 12

ATTACHMENT 1

Table 1 Compliance Status Terms

Compliance Status Terms	Abbrev	Definition	Notes
Compliant	C	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	This term applies to audit elements with: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.	<p>The term 'In Process' may not be used for any purpose other than that stated in the Definition Column.</p> <p>The term 'In Process' may not be used to describe the compliance status of an implementation condition and/or procedure that requires implementation throughout the life of the project (e.g. implementation of a management plan).</p>

ATTACHMENT 2

Attachment 2: Audit Table for Ministerial Statement 1065

Audit Code	Requirement	How	Evidence Required	Phase	Timing	Status	Comment
1065:M1-1-1.1	When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 of Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the EP Act.	Request an amendment to the proposal prior to: <ul style="list-style-type: none"> Disturbing any additional areas Clearing additional native vegetation Recharging More than 14 GL of water per annum 	<ul style="list-style-type: none"> Records of any approved amendments to the proposal Require record of amendment approval if there is any	A	n/a	NC	<p>Section 45c Approval Letter & Schedule 1 amended</p> <p>See MS1065 at: https://www.epa.wa.gov.au/sites/default/files/Ministerial_Statement/Ministerial%20Statement%201065_3.pdf</p> <p>Notification of Non-Compliance Clearing outside the approved development envelope (Event 25th May 2019, notification 30th May 2019): See Attachment 1-1a https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114004792</p> <p>Non-compliance Investigation Outcomes: Attachment 1-1b https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114002543</p>
1065:M1-1-1.2	Element: Advanced water recycling plant, Northern recharge site and southern recharge site <ul style="list-style-type: none"> Clearing and disturbance of no more than 0.13 ha of native vegetation within a 6.05 ha development envelope. 	Survey and demarcate development area and clearing areas	<ul style="list-style-type: none"> Survey data of disturbance extent Survey data of vegetation clearing 	C	n/a	C	<p>AWRP, Southern Recharge and Northern Recharge Seasonal Aerials</p> <p>Time series aerial photography shows that clearing has been within approved areas. The Northern and Southern Recharge Sites did not require the clearing of native vegetation.</p> <p>Survey – clearing data (drawing .dwg) See Attachment 1-1-1.2 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114060657</p> <p>Clearing area and stockpiles See Attachment 1-1-1.3 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114055123</p>

1065:M1-1-1.3	<p>Element: Recharge pipeline Clearing and disturbance of:</p> <ul style="list-style-type: none"> • No more than 1.68 ha of native vegetation, including: <ul style="list-style-type: none"> - 0.40 ha of native vegetation within Bush Forever Site 299 - 0.02 ha of native vegetation within Bush Forever Site 407 - 0.35 ha of native vegetation within Bush Forever Site 383 • No more than 2.18 ha loss of black cockatoo foraging habitat within a 27.94 ha development envelope. 	Survey and demarcate development area and clearing areas	<ul style="list-style-type: none"> • Survey data of vegetation clearing • Survey data of disturbance extent 	C	n/a	C	<p>Construction of the recharge pipeline using open trenching and directional drilling has been completed.</p> <p>Survey – clearing data (drawing .dwg) See Attachment 1-1-1.2 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114060657</p> <p>Clearing area and stockpiles See Attachment 1-1-1.3 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114055123</p>
1065:M1-1-1.4	<p>Element: Pipeline construction using trenchless technology To be undertaken at least 2m below ground level.</p>	Construction methodology to ensure installation of pipe is at least 2mbgl.	<ul style="list-style-type: none"> • Construction data (E.g. as built drawings) 	C	n/a	C	<p>Excluding tie-ins with open trench pipeline sections, all surveyed points for trenchless technology installation of the recharge pipeline exceed 2 mbgl based on comparison with topographical surface data (Landgate 2019) and survey heights.</p> <p>See drawings: Attachment 1-1-1.4a https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114058708</p> <p>Attachment 1-1-1.4b https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114067774</p> <p>Attachment 1-1-1.4c https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114069482</p> <p>Attachment 1-1-1.4d https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114061314</p> <p>Attachment 1-1-1.4e https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114062199</p>
1065:M1-1-1.5	<p>Element: Yarragadee and Leederville aquifer recharge Recharge of up to 14 GL of water that meets Australian drinking water standards per annum.</p>	Monitor the recharge water quality and volume.	<ul style="list-style-type: none"> • Monitoring results 	O	n/a	C	<p>The AWRP had not reached the operation or commissioning phase during the reporting period and the recharge of groundwater as a result of this proposal had not occurred.</p>

1065:M 2-1	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.	Send written notification to the CEO notifying of change to the Water Corporation's: - name - location of head office from JTWC - postal address	<ul style="list-style-type: none"> • Copy of written notification to the CEO notifying of change in proponent details. 	A	Within 28 days of the change occurring.	NR	The Water Corporation has not changed its name, head office location or postal address during the reporting period. Details of the Water Corporation remain as: Water Corporation Australian Company Number 28 003 434 917 629 Newcastle St Leederville WA 6902
1065:M 3-1	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.	Substantially commence construction before October 2022.	<ul style="list-style-type: none"> • Records demonstrating substantial commencement 	A	Prior to October 2022.	C	Construction of the AWRP commenced on 14 th December 2017 which is within the five years since the issue of Ministerial Statement 1065 on 12 th October 2017. (Figure was provided in the October 2017-October 2018 CAR)
1065:M 3-2	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 evidence, on or before the expiration of five (5) years from the date of this Statement.	Submit CAR containing evidence of substantial commencement occurring prior to October 2022.	<ul style="list-style-type: none"> • Records demonstrating substantial commencement 	A	Prior to October 2022.	C	Previous CAR satisfies this condition.
1065:M 4-1	The proponent shall prepare, and maintain a Compliance Assessment Plan (CAP) which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report (CAR) required by condition 4-6, or prior to implementation of the proposal, whichever is sooner.	Prepare a CAP in accordance with the EPA post assessment guideline "Preparing a compliance assessment plan"	<ul style="list-style-type: none"> • Copy of written correspondence submitting CAP (and any future modifications). 	PC	Prior to either: • Commencement of construction works or • July 2018 (whichever is sooner)	C	A Compliance Assessment Plan was prepared and submitted to DWER on 17 th October 2017. No modifications have been made to the CAP. (Written Correspondence from Water Corporation to EPA services submission of <i>Compliance Assessment Plan</i> was provided in the October 2017-October 2018 CAR)
1065:M 4-2	The CAP 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 CAR; and (6) public availability of CARs.	Prepare a CAP in accordance with the EPA post assessment guideline "Preparing a compliance assessment plan"	<ul style="list-style-type: none"> • Copy of written correspondence approving CAP (and any modifications) • CAP 	PC	Prior to either: • Commencement of construction works or • July 2018 (whichever is sooner)	C	The submitted Compliance Assessment Plan was approved by DWER on 5 th December 2017. No modifications have been made to the CAP.
1065:M 4-3	After receiving notice in writing from the CEO that the CAP satisfies the requirements of condition 4-2 the proponent shall assess compliance with conditions in accordance with the CAP required by condition 4-1.	Conduct compliance assessments at the frequency outlined in the CAP	<ul style="list-style-type: none"> • CAR 	A	n/a	NC	M4-3 Assessment of compliance for period 12 Oct 2018-12 Oct 2019 was incomplete, in that the CAR report for that period was missed and not submitted. No environmental impacts associated.
1065:M 4-4	The proponent shall retain reports of all compliance assessments described in the CAP required by condition 4-1 and shall make those reports available when requested by the CEO.	Records and reports shall be retained and maintained in accordance with the CAP and submitted the reports to the CEO if a request is received	<ul style="list-style-type: none"> • Copy of written correspondence of any requests by CEO • Copy of WC response to request. 	A	n/a	C	No requests for reports specified in this condition have been received by Water Corporation during the relevant reporting period.

<p>1065:M 4-5</p>	<p>The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.</p>	<p>In accordance with Section 6 of CAP, send written notification of potential non-compliance to the CEO</p>	<ul style="list-style-type: none"> Copies of written notification. 	<p>A</p>	<p>Within seven (7) days of the potential non-compliance being known. Reporting of corrective actions taken for reported non-compliances within 30 days of the non-compliance being known</p>	<p>NC</p>	<p>Non-compliance May 2019_ Clearing outside the approved development envelope (Event 25th May 2019, notification 30th May 2019): Notification of Non-Compliance Clearing outside the approved development envelope (Event 25th May 2019, notification 30th May 2019): See Attachment 1-1a</p> <p>Non-compliance Investigation Outcomes: See Attachment 1-1b</p> <p>Notification of an event. Pond Failure with treated dewatering transported over approved development envelope(Event 5th August 2019, notification 8th August 2019):</p> <p>Letter - 20190808 - WC to EPA - Notification of Event Dewatering Discharge.pdf: See Attachment 4.5a https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114022801</p> <p>Notification of an event. Pond Failure with treated dewatering transported over approved development envelope(Event 16th August 2019, notification 23rd August 2019):</p> <p>Letter - 20190822- WC to EPA- Notification of Event Dewatering Discharge.pdf: See Attachment 4.5b https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114009251</p> <p>Did not advise the CEO that the January 2020 CAR (covering the October 2018 – October 2019 reporting period) was not submitted.</p>
<p>1065:M 4-6</p>	<p>The proponent shall submit to the CEO the first CAR 15 months from the date of issue of this Statement addressing the 12-month period from the date of issue of this Statement and then annually from the date of submission of the first CAR, or as otherwise agreed in writing by the CEO.</p> <p>The CAR shall: (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf; (2) include a statement as to whether the proponent has complied with the conditions; (3) identify all potential non-compliances and describe</p>	<p>Submit the CAR to the CEO in accordance with the CAP</p>	<ul style="list-style-type: none"> CAR Record of written notification submitting CAR 	<p>A</p>	<p>Prior to 31 January 2019</p>	<p>NC</p>	<p>No CAR was submitted in January 2020, covering the October 2018 – October 2019 reporting period.</p> <p>CAR (this report) submitted March* 2021 detailing compliance status for October 2018 to October 2020 period.</p> <p>*Extension from 31 January to 31 March 2021 granted by DWER in this instance for submission of the CAR See attachment 4-6</p>

	corrective and preventative actions taken; (4) be made publicly available in accordance with the approved CAP; and (5) indicate any proposed changes to the CAP required by condition 4-1.						https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/112564025
1065:M 5-1	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 validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products - e.g. maps) relevant to the assessment of this proposal and implementation of this Statement.	As per the Public Availability section of the approved CAP.	<ul style="list-style-type: none"> • Copy of written correspondence approving the CAP • Records demonstrating publishing of CAR 	A	Annually, within 14 days of CAR being submitted to the CEO or within 14 days of the CEO advising of outcome of any request to exclude information from being publicly available.	C	As per the approved CAP the CAR will be published on the following page of the Water Corporation's website within 14 days of submission of the CAR to the CEO. The link below references the 2017/18 CAR. https://www.watercorporation.com.au/water-supply/our-water-sources/groundwater-replenishment?pid=res-wss-spw-np-gr
1065:M 5-2	If any data referred to in condition 5-1 contains particulars of: (1) a secret formula or process; or (2) confidential commercially sensitive information; the proponent may submit a request for approval from the CEO to not make these data publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.	Submit written notification to CEO detailing any information that should not be made publicly available	<ul style="list-style-type: none"> • Copy of written request to CEO • Copy of written notification from CEO approving request. 	A	n/a	NR	The Water Corporation has not made a request to the CEO detailing any intent to withhold data specified under Section 6.1 of the CAP. All information within this CAR will be made publicly available.
1065:M 6-1	The proponent shall ensure that there are no indirect impacts to native vegetation in Areas A and B as shown in Figures 2 and 3 and defined by coordinates in Schedule 2 within five (5) years post construction that are attributable to the proposal.	Conduct vegetation monitoring of the Banksia woodland	<ul style="list-style-type: none"> • Report outlining the results of vegetation monitoring 	C, O	For five years following completion of pipe installation using trenchless technologies and reinstatement of soil profile of launch/receival pits.	C	Refer Attachment 2 of 2018/20 CAR: Draft Baseline Banksia Woodland Health Monitoring Report. No negative impacts noted on vegetation area 'A' and 'B' up to October 2020 No noteworthy difference between impact and reference zones during the reporting period See Attachment 6-1 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113975603
1065:M 7-1.1	Implement hygiene protocols, consistent with the Management of Phytophthora cinnamomi for Biodiversity Conservation in Australia, Part 2 National Best Practice Guidelines as amended or replaced from time to time.	Develop a Hygiene Management Plan	<ul style="list-style-type: none"> • Copy of Hygiene Management Plan 	PC	n/a	C	Hygiene Management Plan (Provided in the October 2017-October 2018 CAR)
		Implement the Hygiene Management Plan	<ul style="list-style-type: none"> • CAR to include records demonstrating compliance with the Hygiene MP 	C	n/a	C	Hygiene Management Records for the AWRP, HDD and Recharge Sites. Vehicle clean-down logs show compliance with the conditions of the Hygiene Management Plan for the AWRP, HDD and Recharge Sites. Logs for the construction of the recharge pipeline by open trenching.
1065:M 7-1.2	Undertake weed control and management to prevent the introduction or spread of weeds.	Include weed control in the Construction Environment Management Framework (CEMF)	<ul style="list-style-type: none"> • Copy of CEMF 	PC	n/a	C	Construction Environment Management Framework (Provided in the October 2017-October 2018 CAR)

		Implement the Construction Environment Management Framework	<ul style="list-style-type: none"> CAR to include records demonstrating compliance with the CEMF 	C	n/a	C	<p>Records of Inspections</p> <p>Audit Reports</p> <p>Weed control has been carried out during this reporting period as per revegetation and weed management plan</p> <p>Refer to M7-2.1 and M7-2.2</p>
1065:M 7-1.3	Treat and manage any Acid Sulfate Soils disturbed during the construction of the recharge pipeline consistent with the requirements of the Department of Water and Environmental Regulation's Acid Sulfate Soils Guidelines <i>Identification and investigation of acid sulfate soils and acidic landscapes</i> (2015) and <i>Treatment and management of soils and water in acid sulfate soil landscapes</i> (2015), or any approved update of these guidelines.	Develop an ASS Management Plan (MP)	<ul style="list-style-type: none"> Copy of ASS MP 	PC	n/a	C	<p>Acid Sulfate Soils and Dewatering Management Plan</p> <p>The ASSDMP was submitted to DWER for review</p>
		Implement the ASS MP	<ul style="list-style-type: none"> CAR to include records demonstrating compliance with the ASSMP 	C	n/a	C	<p>Baseline Groundwater Monitoring</p> <p>ASS Testing Records</p> <p>(Provided in the October 2017-October 2018 CAR)</p> <p>Acid sulfate soils dewatering management closure report –</p> <p>See Attachment 7-1.3</p> <p>https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114045958</p>
1065:M 7-1.4(a)	Clear all open pipeline trenches and open trenchless technology pipeline launch and retrieval pits of any trapped fauna by fauna-rescue personnel prior to any construction or no later than three (3) hours after sunrise, whichever event occurs first.	<p>Inspections are to be undertaken and the following is to be recorded:</p> <ul style="list-style-type: none"> - Location of excavation - Time of inspection - Person conducting the inspection - Record of fauna found - Location of relocated fauna 	<ul style="list-style-type: none"> Inspection records Copies of <i>Wildlife Conservation Act 1950</i> licences Records of fauna rescue/removal completed by Fauna Handler 	C	<p>At the following times:</p> <ul style="list-style-type: none"> - prior to any construction each day or no later than three (3) hours after sunrise, whichever event occurs first; - between the hours of 3:00pm and 6:00pm of that same day; - no more than one (1) hour prior to backfilling of trenches and pits; 	C	<p>Pipeline construction completed therefore no fauna traps required for the reporting period.</p>
1065:M 7-1.4(b)	Clear all open pipeline trenches of any trapped fauna by fauna-rescue personnel between the hours of 3:00pm and 6:00pm of that same day.						<p>Fauna traps and inspections carried out during construction as indicated in previous CAR</p>
1065:M 7-1.4(c)	Clear open pipeline trenches and open trenchless technology pipeline launch and retrieval pits by fauna-rescue personnel no more than one hour prior to backfilling of trenches and pits.						<p>Fauna rescue/handler engaged by project contractor. Licence Number: FR28000085</p> <p>Licence Holder: Dr Michael John Bamford</p> <p>23 Plover Way Kingsley WA 6026</p>
1065:M 7-1.4(d)	Ensure that fauna-rescue personnel obtain the appropriate licences required for fauna rescue under the Wildlife Conservation Act 1950.						<p>Summary report compiling all fauna interactions, trappings and relocations (within the project boundaries and open excavations/trenches) provided in form below:</p> <ul style="list-style-type: none"> MIN1065_Project_Contractor_Fauna Relocation Record Form v16.docx: See Attachment 7-1.4a <p>https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113981152</p>
1065:M 7-1.4(e)	Ensure that open pipeline trench lengths do not exceed a length capable of being inspected and cleared by the fauna-rescue personnel within the required times as set out in condition 7-1(4)(a), 7-1(4)(b) and 7-1(4).						<p>WC Daily inspections undertaken by Water Corporation Staff Quality, Safety and Environment during construction phase of</p>

							<p>the project. Examples of daily inspections detailed below:</p> <ul style="list-style-type: none"> Min1065_WC_Daily_Inspection_Sheet_06-Sep-2019-CW03429-Stephen-Wiltshire.pdf: See Attachment 7-1.4b https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113999991 Min1065_WC_Daily_Inspection_Sheet_26-Aug-2019-CW03429-Stephen-Wiltshire.pdf: See Attachment 7-1.4c https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113998658
1065:M 4-1.4(f)	Provide egress points ramps and/or fauna refuges that provide suitable shelter from the sun and predators for trapped fauna in the open pipeline trenches at intervals not exceeding 50 metres.	Include in CEMF	• Copy of CEMF	C	n/a	C	Construction Environmental Management Framework (Provided in the October 2017-October 2018 CAR)
		Implement CEMF	• CAR to include records demonstrating compliance with CEMF	C	n/a	C	Construction of the AWRP was the only portion of the proposal which contained open trenches requiring egress ramps during the reporting period. All excavations and trenches were fitted with fauna ramps at a distance not exceeding 30 metres. As per c7-1.4 see WC Daily inspections undertaken by Water Corporation Staff Quality, Safety and Environment for evidence of egress ramps and refuges.
1065:M 7-2.1	Undertake weed control and management in the development envelope in Bush Forever Sites 299, 303, 383 and 407 and within 10 m of the development envelope in Bush Forever Sites 299, 303, 383 and 407 for five years post construction.	Weed Control and Management Plan	• Copy of Weed management plan	C/Post Construction	n/a	C	<p>Weed Control Map</p> <p>Weed cover was normally low across all sites except sites 8b and 11c which will be in focus during next monitoring schedule See Attachment 7-2.1 https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/111360299</p>
1065:M 7-2.2	Within 12 months, undertake rehabilitation of native vegetation with locally native species to achieve pre-construction vegetation densities in all areas disturbed during construction activities that are not required for the ongoing operation of the proposal.	Develop Revegetation monitoring Plan	• Copy of Revegetation monitoring Plan	Post Construction	n/a	C	<p>Revegetation and Weed Management Plan-July 2020</p> <p>See Attachment 7-2.2a https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113030099</p> <p>and</p> <p>seasonal monitoring report. See Attachment 7-2-2b https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/111286892</p>

							<p>Revegetation is progressing well on a majority of sites</p> <p>Access to site 9 was restricted due to construction activities.</p> <p>Correspondence to Water Corporation from DWER acknowledging current compliance</p> <p>See Attachment 7-2.2c</p> <p>https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114060437</p>
1065:M 7-2.3	Undertake annual monitoring and any remedial measures to ensure rehabilitation required by 7-2(2) will successfully establish within five years post construction.	Implement rehabilitation plan	<ul style="list-style-type: none"> Monitoring results 	C, O	Annually for 5 years from date of rehabilitation	C	<p>Revegetation Monitoring Reports</p> <p>Autumn and Spring monitoring are in place to ensure good survival and growth achieved (Refer to Seasonal monitoring Report)</p> <p>See Attachment 7-2-2b</p>

Attachments

Attachment 1-1a Letter from DWER clearing potential non-compliance
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114004792>

Attachment 1-1b Letter to DWER non-compliance Investigation Outcomes
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114002543>

Attachment 1-1-1.2 Survey - clearing data (drawing)
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114060657>

Attachment 1-1-1.3 Clearing area and stockpiles
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114055123>

As constructed drawings for trenchless drilling – Attachments 1-1-1.4.:
Attachment 1-1-1.4a
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114058708>

Attachment 1-1-1.4b
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114067774>

Attachment 1-1-1.4c
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114069482>

Attachment 1-1-1.4d
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114061314>

Attachment 1-1-1.4e
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114062199>

Attachment 4-5a Letter - 20190808 - WC to EPA - Notification of Event Dewatering Discharge
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114022801>

Attachment 4-5b Notification of Event - Dewatering Discharge
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114009251>

Attachment 4-6 CAR submission extension granted from 31 January to 31 March 2021
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/112564025>

Attachment 6-1 Vegetation health monitoring - Astron Dec 2020
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113975603>

Attachment 7-1.3 Acid sulfate soils dewatering management closure report
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114045958>

Attachment 7-1.4a Fauna relocation record
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113981152>

Attachment 7-1.4b Daily inspection example Sept 2019
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113999991>

Attachment 7-1.4c Daily inspection example Aug 2019
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113998658>

Attachment 7.2.1 Weed control map
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/111360299>

Attachment 7.2.2a Revegetation and weed management plan Jun 2020
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/113030099>

Attachment 7.2.2b Spring 2020 weed monitoring report
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/111286892>

See Attachment 7-2.2c Correspondence to Water Corp from DWER - current reveg. compliance
<https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/114060437>