

# Annual Compliance Report

Alkimos Desalination Plant

EPBC Approval 2019/8453

8 November 2024 to 7 November 2025

8 December 2025

# 1 Document Information

<b>Report Title</b>	<b>Alkimos Desalination Plant - EPBC 2019/8453 - Annual Compliance Report 2024-2025</b>
<b>Document Reference</b>	<u>204463584</u>
<b>Project name</b>	Alkimos Desalination Plant, Alkimos WA
<b>EPBC Number</b>	2019/8453
<b>Proponent /approval holder and ACN or ABN</b>	Water Corporation ACN: 28 003 434 917
<b>Approved Action</b>	<p>Approved Action: To construct, operate and decommission:</p> <ul style="list-style-type: none"> <li>• a seawater desalination plant of about 100 gigalitre (GL) per annum capacity, and</li> <li>• a groundwater treatment plant of about 6 GL per annum capacity within the Alkimos Water Precinct, approximately 40 km northwest of Perth,</li> <li>• tunnels beneath the seabed containing a seawater intake pipeline about 2.46 km long and a separate brine outfall pipeline about 3.99 km long, both with vertical risers, and</li> <li>• a pipeline about 33 km long from the seawater desalination plant to the Wanneroo Reservoir and other distribution points along the pipe route.</li> </ul>
<b>Location of the Action</b>	Alkimos, Western Australia

## Revision History

Rev No.	Date	Author	Reviewer	Key Changes
Rev A	27 Nov 2025	S. Nicholson	D. Short D. Rossi C. McLeod	Internal review
Rev 0	03 Dec 2025	S. Nicholson	C. McLeod	DCCEEW Submission
Rev 1	08 Dec 2025	S. Nicholson	C. McLeod	Minor amendment to clearing data provided in Table 2 (condition 2c & 2e), figure 2 and appendix 9.

## 2 Declaration of accuracy

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

Signed



Dr Digby Short

Head of Environment

Water Corporation ABN 28 003 434 917

08 December 2025

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## 3 Introduction

### 3.1 Background

The Alkimos Seawater Desalination Plant (ASDP) (the action) is currently being constructed as an additional drinking water supply into Perth's Integrated Water Supply Scheme. The action includes a 100 gigalitres (GL) per annum seawater desalination plant and a 6 GL per annum groundwater treatment plant at the Alkimos water precinct. The source water for the desalination process will be delivered through the construction of an approximately 33.04 km pipeline from the desalination plant to the Wanneroo Reservoir, and other significant distribution points along the pipe route.

By-products of the desalination process will be returned further offshore to the marine environment through a separate pipeline.

Construction commenced on 8 November 2023 after approvals were obtained under the *Environmental Protection Act 1986* (EP Act) and the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

### 3.2 Environmental Approvals

The Action was approved, subject to conditions, under the EPBC Act on the 8 November 2023 (EPBC ref 2019/8453) and amended under section 143 of the EPBC Act on 1 July 2024, 24 March 2025 and 10 October 2025.

## 4 Purpose and Scope

In accordance with condition 33 of the Approval, "33) *the approval holder must prepare a compliance report for each 12-month period following the date of this approval decision (or as otherwise agreed to in writing by the Minister).*"

This Annual Compliance Report (ACR) has been prepared by to address the annual reporting requirements under the EPBC Act approval 2019/8453.

This annual compliance report addresses the required reporting period from the 8 November 2024 to 7 November 2025.

Conditions 34 to 36 outline the required content for the ACR, and reads:

34) *Each compliance report must be consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2023.*

35) *Each compliance report must include:*

- a) *Accurate and complete details of compliance and any non-compliance with the conditions and the plans, and any incidents.*
- b) *One or more shapefile showing all clearing of protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared.*
- c) *A schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented.*

36) The approval holder must:

- a) Submit the compliance report to the department within 60 business days following the end of the 12-month calendar year period for which that compliance report is required.
- b) Publish each compliance report on the website within 90 business days following the end of the 12-month period for which that compliance report is required.
- c) Notify the department electronically, within 20 business days of the date of publication that a compliance report has been published on the website.
- d) Provide the weblink for the compliance report in the notification to the department.
- e) Keep all published compliance reports required by these conditions on the website until the expiry date of this approval.
- f) Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public.
- g) If sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 20 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.

## 5 Non-compliance

One administrative non-compliance was identified during the reporting period. However, the non-compliance occurred in the previous reporting period (2023–2024) and was reported in the 2023-2024 Annual Compliance Report (ACR). For further details, refer to the Alkimos Desalination Plant – EPBC 2019/8453 – Annual Compliance Report 2023–2024.

## 6 Audit Table

The compliance status against each of the conditions of EPBC 2019/8453 is provided in Table 2.

A description of the status terminology used is provided below in Table 1.

**Table 1 Audit codes and descriptions**

Compliance Status Term	Acronym	Definition
<b>Compliant</b>	C	Implementation of the Action has been carried out in accordance with the requirements of the audit element.
<b>Completed</b>	CLD	A requirement with a finite period of application has been satisfactorily completed.
<b>Not required at this stage</b>	NR	The requirements of the audit element were not triggered during the reporting period.
<b>Potentially non-compliant</b>	PNC	Possible or likely failure to meet the requirements of the audit element.

<b>Non-compliant</b>	NC	Implementation of the Action has not been carried out in accordance with the requirements of the audit element.
<b>In process</b>	IP	Where an audit element requires a management or monitoring plan be submitted to the Department and that plan is currently under review.

**Table 2: EPBC 2019/8453 Condition Audit Table**

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
1	1) To avoid and mitigate harm to protected matters, the approval holder must not take the Action outside the Action area.		C	No works occurred outside of the action area, during the reporting period.
2	2) To avoid and mitigate harm to protected matters, the approval holder must not clear more than:	a) 1.18 hectares (ha) of Tuart TEC	C	0 ha cleared in the reporting period.  A total of 0.18 ha has been cleared to date under EPBC 2019/8453.
		b) 2.16 ha of Banksia Woodland TEC	C	1.19 ha cleared in the reporting period.  A total of 1.19 ha has been cleared to date under EPBC 2019/8453.  Figure 1
		c) 52.76 ha of Black cockatoo habitat for Carnaby's Black Cockatoo ( <i>Zanda latirostris</i> listed as <i>Calyptorhynchus latirostris</i> )	C	9.05 ha cleared in the reporting period.  A total of 37.90 ha has been cleared to date under EPBC 2019/8453.  Figure 2
		d) 49.82 ha of Black cockatoo habitat for Forest Red-tailed Black Cockatoo ( <i>Calyptorhynchus banksia naso</i> )	C	7.54 ha cleared in the reporting period.  A total of 36.39 ha has been cleared to date under EPBC 2019/8453.  Figure 2
		e) 96 potential nesting trees, and	C	7 potential nesting trees cleared in the reporting period.  A total of 22 potential nesting trees have been cleared to date under EPBC 2019/8453.  Figure 2
		f) 6 Black Cockatoo nest hollow trees	C	0 suitable trees cleared in the reporting period.  A total of 2 suitable nesting trees have been cleared to date under EPBC 2019/8453.
3	3) To avoid and mitigate impacts to protected matters, the approval holder must comply with the following Western Australia approval conditions where relevant to protected matters:	a) Condition A1-1 (Limitations and extent of proposal)	C	The Western Australian approval conditions have been complied with. A copy of the Compliance Assessment Report for Ministerial Statement 1207, for the period July 2024 to June 2025, is available for public download at <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a>
		b) Conditions B1-1, B1-2 and B1-3 contained in B1 (Flora and Vegetation)		
		c) Conditions B2-1 and B2-2 contained in B2 (Terrestrial Fauna), and		
		d) Conditions B6-1 and B6-2 contained in B6 (Marina Fauna)		
4	4) To avoid and mitigate harm as a result of the Action on protected matters during construction, the approval holder must implement the Terrestrial Construction Environmental Management Plan from the commencement of the Action until the expiry date of this approval.		C	Terrestrial Construction Environmental Management Plan (Rev 8) has been implemented following commencement of works on 20 November 2023.  Refer to Appendix 1: Audit of Alkimos Terrestrial Construction Environment Management Plan.
5	5) To avoid and mitigate harm as a result of the Action on protected matters during operation, the approval holder must implement the Alkimos Water Precinct Environmental Management Plan from the commencement of construction until the expiry date of this approval.		C	Alkimos Water Precinct Environmental Management Plan (Rev 3) has been implemented following commencement of works on 20 November 2023.

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
				Refer to Appendix 2: Audit of Alkimos Water Precinct Environmental Management Plan
6	6) To avoid and mitigate harm to protected matters, the approval holder must submit a Construction Marine Environmental Management Plan to the department for the Minister's approval. The approval holder must not commence the action within the marine environment unless the Minister has approved the Construction Marine Environmental Management Plan in writing. The approval holder must implement the Construction Marine Environmental Management Plan approved by the Minister in writing until the expiry date of this approval.		C	The Construction Marine Environmental Management Plan (CMEMP) was approved by the Minister on 6 November 2025.  The plan is yet to be implemented as marine works are not scheduled to commence until 1 December 2025 (within the next reporting period).
7	7) By implementing the Construction Marine Environmental Management Plan the approval holder must achieve the following environmental objectives:	a) Protect protected matters from adverse impacts of noise during construction of the tunnel and marine pipelines, including noise generated by vessels, and	NR	The CMEMP was approved by the Minister on 6 November 2025.
		b) Protect protected matters from injury or death from construction of the tunnel and marine pipelines, including vessel strike.	NR	The plan is yet to be implemented as marine works are not scheduled to commence until 1 December 2025 (within the next reporting period)
8	8) The Construction Marine Environmental Management Plan must be consistent with the Environmental Management Plan Guidelines, and must include:	<p>a) Details of the relevant protected matters and a reference to EPBC Act approval conditions to which the plan refers. The relevant protected matters are:</p> <ul style="list-style-type: none"> <li>i) Australian Sea Lion</li> <li>ii) Humpback Whale</li> <li>iii) Southern Right Whale.</li> </ul> <p>b) The measures and commitments that will be applied during construction to prevent impacts to marine protected matters and achieve the environmental objectives. Measures and commitments must consider:</p> <ul style="list-style-type: none"> <li>i) Avoid noise generated by construction in the marine environment during migration periods for the Australian Sea Lion, Humpback Whale and Southern Right Whale</li> <li>ii) Avoid negative brine discharge impacts to the Australian Sea Lion, Humpback Whale and Southern Right Whale</li> <li>iii) Avoid haul-out (resting) locations used by the Australian Sea Lion</li> <li>iv) Ensure that vessels do not travel at speeds greater than 10 knots when transiting or undertaking activities within the Action Area</li> <li>v) Ensure that vessels act consistently with Interacting with cetaceans and whale watching</li> <li>vi) Implement observation and shut down zones consistent with the EPBC Act Policy Statement 2.1 – Interaction between offshore seismic exploration and whales</li> <li>vii) Deploy at least two people to undertake marine fauna observations, with at least one being a suitably qualified marine fauna observer whenever vessels are transiting or undertaking activities within the Action Area in order to maintain 360-degree observation over the entirety of the observation zone and shut down zones at all times during hours of construction in the marine environment.</li> <li>viii) Consult with, and implement the advice of, Australian Sea Lion experts at the Marine Science Program, Biodiversity and Conservation Science, DBCA</li> <li>ix) Respond to any death or injury of a protected matter, by immediately halting the works or machinery responsible, formally notifying the department within 5 business days of the incident and not resuming works until notified by the Minister in writing that these works may resume</li> </ul>	C	The CMEMP was approved by the Minister on 6 November 2025.

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
		<ul style="list-style-type: none"> <li>c) A table of commitments made in the plan to achieve the environmental objectives, and a reference to exactly where these commitments are detailed in the plan.</li> <li>d) Reporting and review mechanisms to demonstrate compliance with the commitments made in the plan.</li> <li>e) An assessment of risks relating to achieving the environmental objectives and risk management strategies and/or mitigation measures that will be applied to address identified risks.</li> <li>f) Impact avoidance, mitigation and/or repair measures, and the timing of those measures.</li> <li>g) A monitoring program, which must include:               <ul style="list-style-type: none"> <li>i) measurable performance indicators</li> <li>ii) trigger values for corrective actions</li> <li>iii) the timing and frequency of monitoring, ensuring monitoring is capable of detecting trigger values and changes in the performance indicators, and</li> <li>iv) proposed corrective actions if trigger values are reached.</li> </ul> </li> <li>h) Links to other relevant plans or conditions of approval (including Western Australia Approval conditions).</li> </ul>		
9	9) To mitigate harm as a result of the Action on protected matters, the approval holder must, within 6 months of the date of this approval decision, submit an Artificial Nest Hollow Management Plan to the department for the Minister's approval. The approval holder must implement the Artificial Nest Hollow Management Plan as and from when approved by the Minister in writing until the expiry date of this approval.		IP	<p>The Artificial Nest Hollow Plan (ANHP) was approved by the Minister on 5 September 2025.</p> <p>Implementation of the ANHP is commencing with procurement of the ANH's.</p>
10	10) The Artificial Nest Hollow Management Plan must be consistent with the Environmental Management Plan Guidelines, and must:	<ul style="list-style-type: none"> <li>a) Be prepared by a suitably qualified ecologist</li> <li>b) Provide details of the relevant protected matters and a reference to EPBC Act approval conditions to which the plan refers. The relevant protected matters are:               <ul style="list-style-type: none"> <li>i) Black cockatoos, and</li> <li>ii) Black cockatoo nest hollow trees.</li> </ul> </li> <li>c) Identify the goals for the artificial nest hollows, including expected use by black cockatoos for nesting.</li> <li>d) Detail a pre-clearance survey to identify the number of suitable nest hollows to be removed during clearing.</li> <li>e) Specify the location for installation, based on the advice of DBCA, of artificial nest hollows</li> <li>f) Specify the design and number of artificial nest hollows to be installed, based on the advice of DBCA, the number totalling at least three times the number of suitable black cockatoo nest hollows to be cleared.</li> <li>g) Specify the installation methods, based on the advice of DBCA, to be used to install the artificial nest hollows.</li> <li>h) Specify the maintenance methods, based on the advice of DBCA, to be used to maintain the artificial nest hollows for a minimum of 105 years following installation.</li> <li>I) Specify a monitoring program, which must include:               <ul style="list-style-type: none"> <li>i) Evaluating evidence that effectively determines progress towards, attainment and maintenance of ecological benefits for the protected matters</li> <li>ii) Measurable performance indicators to monitor attainment of the ecological benefits for the protected matters</li> <li>iii) Trigger values for corrective actions, and</li> </ul> </li> </ul>	C	<p>The ANHP was approved by the Minister on 5 September 2025.</p>

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
		<p>iv) The timing and frequency of monitoring to detect trigger values and changes in the performance indicators.</p> <p>j) Propose corrective actions to ensure ecological benefits for the protected matters are attained or maintained if trigger values are reached or performance indicators not attained.</p> <p>k) Links to other relevant plans or conditions of approval (including Western Australia Approval conditions).</p>		
11	11) To compensate for the residual significant impacts of the Action on protected matters the approval holder must implement the Environmental Offsets Strategy. The Environmental Offsets Strategy must be updated and submitted for approval in accordance with condition 16 within 6 months of any approved change in the residual significant impacts of the Action on protected matters.		C	<p>The Environmental Offset Strategy was resubmitted to the department 23 September 2025; however the Strategy is not yet approved.</p> <p>Appendix 3: Email Submission of Revised Offsets Strategy (Nexus: <a href="#">204911667</a>)</p>
12	<p>12) The approval holder must, within 6 months of the date of this approval of the Action, submit to the department, for approval by the Minister, an Offset Management Plan in respect of each offset site to be secured as specified in the Environmental Offsets Strategy.</p> <p>The Offset Management Plan must be revised and submitted for approval in accordance with condition 16 within 6 months of approval of a revised Environmental Offsets Strategy.</p>		IP	<p>Alkimos, Carabooda Tank and Eglinton Offset management plans were submitted to DCCEEW 2 May 2024 (refer to 2023-2024 ACR).</p> <p>The revised Offset Strategy was submitted to the department 23 September 2025. The plan is not yet approved. Once approved, the Offset Management Plans will be resubmitted for approval.</p>
13	13) Each Offset Management Plan must meet the requirements of the Environmental Offsets Policy and the Environmental Management Plan Guidelines to the satisfaction of the Minister. Each Offset Management Plan must include:	<p>a) Summary information about the entire residual impacts of the Action on protected matters and how compensation for these impacts will be divided amongst the proposed offset sites.</p> <p>b) Detailed information on the residual impacts of the Action on protected matters that will be compensated for by the offset that is the subject of the particular Offset Management Plan (Note: the offset comprises the securement of the offset site and the habitat condition improvements to be achieved at the offset site). This must include the areas of habitat for protected matters and its condition and quality at all locations impacted by the Action which the offset is to address.</p> <p>c) The relevant protected matters and a reference to the EPBC Act approval conditions to which the Offset Management Plan refers.</p> <p>d) Detailed information and shapefiles specifying the location, area and boundaries of the proposed offset site described in that Offset Management Plan.</p> <p>e) Detailed baseline information on the areas of habitat, including their condition, and the presence (or not) of the protected matters on the proposed offset site.</p> <p>f) Commitments to achievable improved ecological benefits, including presence (or not) of the protected matters, at the offset site and the timeframes in which they will be achieved.</p> <p>g) A table summarising all commitments to achieve the proposed ecological benefits for protected matters at the offset site, and a reference to where each commitment is detailed in the Offset Management Plan.</p>	IP	<p>In progress, Alkimos, Carabooda Tank and Eglinton Offset management plans were submitted to DCCEEW 2 May 2024 (refer to 2023-2024 ACR).</p> <p>Plans are currently under review to address comments received 18 July 2024. Plans to be resubmitted following approval of the revised Offset Strategy.</p>

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
		<p>h) Reporting and review mechanisms to inform the department annually regarding compliance with the management and environmental outcome commitments, and attainment and maintenance of the ecological benefits specified in the Offset Management Plan.</p> <p>i) An assessment of risks to achieving the ecological benefit(s) and what risk management measures and/or strategies will be applied to address these.</p> <p>j) A monitoring program, which must specify:  i) measurable performance indicators and the timeframes for their achievement to gauge attainment of the ecological benefits for the protected matters  ii) trigger values for corrective actions, and  iii) the proposed timing (including season/time of day/frequency) methods and effort, and an explanation of how these will be effective for this purpose, of monitoring to detect trigger values, changes in the performance indicators and to gather evidence that effectively demonstrates actual progress towards, attainment of and maintenance of the ecological benefits for the protected matters.</p> <p>k) Corrective actions to be implemented to ensure that the proposed ecological benefits for the protected matters are achieved or maintained, if trigger values are reached or performance indicators not achieved in the specified timeframes.</p> <p>l) Links to relevant referenced plans or conditions of approval (including Western Australian Approval conditions), and</p> <p>m) How the offset sites will be protected, and ecological benefits maintained, at least until the expiry of this approval.</p>		
14	14) If, at least 9 months after the date of this approval of the Action, the Minister notifies the approval holder, in writing, that the Minister refuses to approve one or more Offset Management Plans because the Minister is not satisfied that it meets the requirements of the Environmental Offsets Policy, the approval holder must cease all further clearing within 10 business days of receiving such notice. The approval holder may only restart clearing after the Minister has notified the approval holder that the Minister has approved all required Offset Management Plans, or as otherwise advised with the Minister in writing.		NR	No correspondence received from the Minister to date refusing to approve an Offset Management Plan.
15	15) To compensate for the residual significant impacts of the Action on protected matters the approval holder must secure each offset site specified in the approved Environmental Offsets Strategy within 1 year of the date of the approval of each Offset Management Plan required under condition 12.  The approval holder must implement the Offset Management Plan in respect of each offset site specified in the approved Environmental Offsets Strategy as and from when approved by the Minister in writing and continue to implement every Offset Management Plan at least until the expiry date of this approval.		IP	Not required at this stage, Offset Management Plans are not yet approved.  The Neergabby offset site is owned by the Department of Biodiversity, Conservation and Attractions (DBCA). Water Corporation has entered into a Memorandum of Understanding with DBCA for the lots to be used by Water Corporation for offset purposes and for addition to the State of WA Conservation Estate – see Appendix 4.
16	16) The approval holder may, at any time, apply to the Minister for a variation to a plan approved by the Minister, or as subsequently revised in accordance with the following conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised plan then, from the date specified, the approval holder must implement the revised plan in place of the previous plan.		C	No plans were revised under section 143A of the EPBC Act, during the reporting period.
17	17) The approval holder may choose to revise a plan approved by the Minister under conditions 4, 5 and 6, or as subsequently revised in accordance with these conditions, without submitting it for approval under section 143A of the EPBC Act, if the taking of the Action in accordance with the revised plan would not be likely to have a new or increased impact.		C	

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
18	18) If the approval holder makes the choice under condition 17 to revise a plan without submitting it for approval, the approval holder must:	<p>a) Notify the department electronically that the approved plan has been revised and provide the department with:</p> <p>i) An electronic copy of the revised plan.</p> <p>ii) An electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the revised plan.</p> <p>iii) An explanation of the differences between the approved action management plan and the revised plan.</p> <p>iv) The reasons the approval holder considers that taking the Action in accordance with the revised plan would not be likely to have a new or increased impact.</p> <p>v) Written notice of the date on which the approval holder will implement the revised plan (revised plan implementation date), being at least 20 business days after the date of providing notice of the revision of the plan, or a date agreed to in writing with the department.</p> <p>b) Subject to condition 20, implement the revised plan from the revised plan implementation date.</p>		<p>The following plans were revised as a minor amendment during the reporting period:</p> <ul style="list-style-type: none"> <li>• Terrestrial Construction Environmental Management Plan (TCEMP) Revision 8</li> <li>• Alkimos Water Precinct Environmental Management Plan Revision 3</li> </ul> <p>Both plans were submitted on 25 March 2025 and were accepted by the department on 22 April 2025.</p> <p>The current version of each plan is being implemented.</p> <p>Appendix 5: Submission of Revised Environmental Management Plans</p>
19	19) The approval holder may revoke its choice to implement a revised plan under condition 17 at any time by giving written notice to the department. If the approval holder revokes the choice under condition 17, the approval holder must implement the plan in force immediately prior to the revision undertaken under condition 17		C	No revised plans revoked by Water Corporation.
20	20) If the Minister notifies the approval holder that the Minister is satisfied that the taking of the Action in accordance with the revised plan would be likely to have a new or increased impact, then:	<p>a) Condition 17 does not apply, or ceases to apply, in relation to the revised plan.</p> <p>b) The approval holder must implement the plan specified by the Minister in the notice</p>	NR	No notifications received from the Minister.
21	21) At the time of giving the notice under condition 20, the Minister may also notify that for a specified period of time, condition 17 does not apply for one or more specified plans. Note: Conditions 17-21 are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised plan, at any time, to the Minister for approval.		NR	No notifications received from the Minister.
22	22) The approval holder must submit all plans required by these conditions electronically to the department.		C	All plans have been submitted electronically via email.
23	23) Unless otherwise agreed to in writing by the Minister, the approval holder must publish each plan on the website within 15 business days of the date:	<p>a) of this approval, if the version of the plan to be implemented is specified in these conditions, or</p> <p>b) the plan is approved by the Minister in writing, if the plan requires the approval of the Minister, or</p> <p>c) the plan is submitted to the department in accordance with a requirement of these conditions, if the plan does not require the approval of the Minister.</p>	C	All approved management plans have been published within the required timeframes on the Water Corporation Alkimos project website ( <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a> ).
24	24) The approval holder must keep all plans required by these conditions published on the website until the expiry date of this approval.		C	All plans are published on the Water Corporation Alkimos project website ( <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a> ).
25	25) The approval holder is required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public. If sensitive ecological data is excluded or redacted from a plan, the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website.		C	<p>The Artificial Nest Hollows Plan (approved by the Department on 5 September 2025) required sensitive ecological data redacted from the published plan. The Department were notified of the redactions 11 September 2025.</p> <p>Appendix 6: Notification of Redacted Management Plan (Nexus: <a href="#">201091210</a>)</p>

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
26	26) The approval holder must notify the department electronically of the date of commencement of the Action, within 20 business days following commencement of the Action.		CLD	The department was notified of the commencement of the action via email on 27 November 2023.  See 2023-2024 ACR for further details.
27	27) The approval holder must not Commence the Action later than 5 years after the date of this approval decision.		CLD	Action commenced on 20 November 2023.  Notification provided in 2023-2024 ACR.
27A	27A. The approval holder must notify the department in writing of any proposed change to the conditions of the Western Australian approval that may related to protected matters within 2 business days of formally proposing a change and within 5 business days of becoming aware of any proposed change.		C	The department was notified of the proposed change to the conditions of the Western Australian approval on 17 January 2025.  Appendix 7: Notification of Proposed Change to WA Approval Conditions
27B	27B. The approval holder must notify the department in writing of any change to the Western Australian approval conditions that may relate to protected matters, within 10 business days of a change to conditions being finalised. This notification must include a copy of the finalised changes to the Western Australian approval conditions.		C	Two changes to the Western Australian approval conditions occurred during the reporting period (21 January 2025 and 13 March 2025). The department was notified of the changes on 23 January 2025 and 14 March 2025, respectively.  Appendix 8: Notification of Change to WA Approval Conditions
28	28) The approval holder must maintain accurate and complete compliance records.		C	Compliance records are maintained electronically on Water Corporations document control system Nexus. This Annual Compliance Report is evidence of maintaining records and this report will be made publicly available by publishing them on the Water Corporation's website ( <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a> )
29	29) If the department makes a request in writing, the approval holder must provide electronic copies of compliance records to the department within the timeframe specified in the request. Note: Compliance records may be subject to audit by the department, or by an independent auditor in accordance with section 458 of the EPBC Act, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the department's website or through the general media.		NR	No requests for compliance records were requested during the reporting period.
30	30) The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the Guidelines for biological survey and mapped data, Commonwealth of Australia 2018, or as otherwise specified by the Minister in writing.		C	All submitted monitoring data and plans have been prepared in accordance with DCCEEW guidelines.
31	31) The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the Guide to providing maps and boundary data for EPBC Act projects, Commonwealth of Australia 2021, or as otherwise specified by the Minister in writing.		C	All submitted monitoring data and plans have been prepared in accordance with DCCEEW guidelines.
32	32) The approval holder must submit all monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the department within 60 business days or in accordance with the requirements of the Construction Environmental Management Plan and the Construction Marine Environmental Management Plan.		C	Monitoring data provided as per this Annual Compliance Report.

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
33	33) The approval holder must prepare a compliance report for each 12-month period following the date of this approval decision (or as otherwise agreed to in writing by the Minister).		C	This Annual Compliance Report
34	34) Each compliance report must be consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2023.		C	This Annual Compliance report is consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2023.
35	35) Each compliance report must include	a) Accurate and complete details of compliance and any non-compliance with the conditions and the plans, and any incidents.	C	This Annual Compliance Report, non-compliances are detailed in Section 5 Non-compliance.
		b) One or more shapefile showing all clearing of protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared.	C	Maps of the clearing of protected matters are provided in Figure 1 and Figure 2.  Shapefiles of the clearing of protected matters are provided in Appendix 9 and attached separately in the email submission to DCCEEW.
36	36) The approval holder must:	a) Submit the compliance report to the department within 60 business days following the end of the 12-month calendar year period for which that compliance report is required.	C	This Annual Compliance Report is anticipated to be submitted before 27 March 2026, within the 60 business days following the end of the 12-month calendar year period.  The 2023-2024 ACR was submitted to the department 13 March 2025  Appendix 10: Publication of Annual Compliance Report (2023-2024)
		b) Publish each compliance report on the website within 90 business days following the end of the 12-month period for which that compliance report is required.	C	The 2023-2024 ACR was published on the Water Corporation Alkimos project website ( <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a> ) on 17 March 2025.  Appendix 10: Publication of Annual Compliance Report (2023-2024)
		c) Notify the department electronically, within 20 business days of the date of publication that a compliance report has been published on the website.	C	The 2023-2024 ACR was published 17 March 2025, the department were notified 17 March 2025.  Appendix 10: Publication of Annual Compliance Report (2023-2024)
		d) Provide the weblink for the compliance report in the notification to the department.	C	The 2023-2024 ACR was published 17 March 2025, the department were notified and provided a weblink 17 March 2025.  Appendix 10: Publication of Annual Compliance Report (2023-2024)

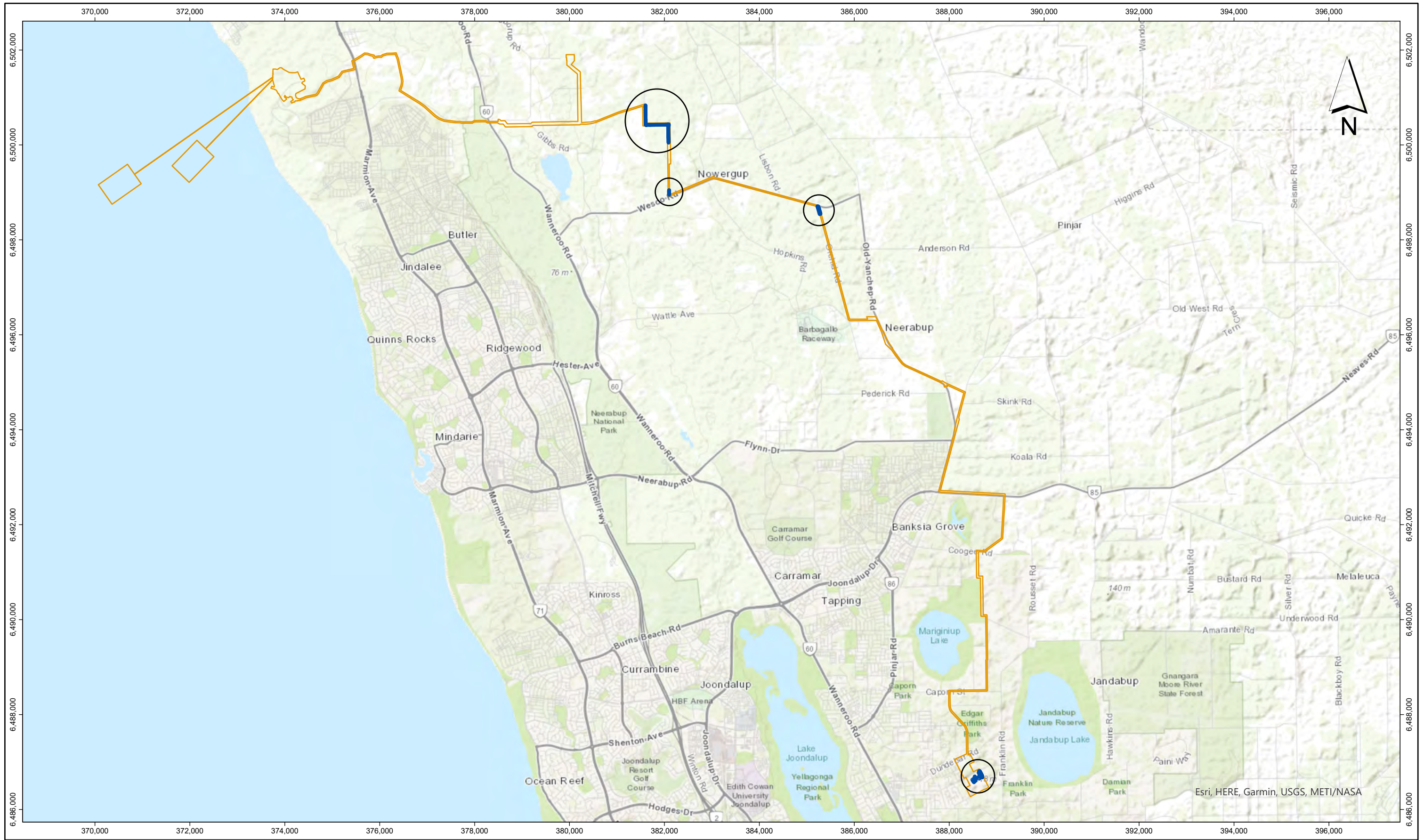
No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
		e) Keep all published compliance reports required by these conditions on the website until the expiry date of this approval.	C	Published compliance reports are available on the Water Corporation Alkimos project website ( <a href="https://www.watercorporation.com.au/asdp">https://www.watercorporation.com.au/asdp</a> )
		f) Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public.	NR	No sensitive ecological data redactions required for the 2023-2024 ACR. Any sensitive ecological data in this ACR will be redacted prior to online publication.
		g) If sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 20 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.	NR	No sensitive ecological data redactions required for the 2023-2024 ACR. Should any sensitive ecological data be redacted, the full compliance report will be submitted to the department.
37	37) The approval holder must notify the department electronically, within 2 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan.			
38	38) The approval holder must specify in the notification	a) Any condition or commitment made in a plan which has been or may have been breached. b) A short description of the incident and/or potential non-compliance and/or actual non-compliance. c) The location (including co-ordinates), date and time of the incident and/or potential non-compliance and/or actual non-compliance. Note: If the exact information cannot be provided, the approval holder must provide the best information available	C	One administrative non-compliance was identified during the reporting period. However, the non-compliance occurred in the previous reporting period (2023–2024) and was reported in the 2023-2024 ACR. For further details, refer to the Alkimos Desalination Plant – EPBC 2019/8453 – Annual Compliance Report 2023–2024.
39	39) The approval holder must provide to the department in writing, within 12 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance, the details of that incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan. The approval holder must specify:	a) Any corrective action or investigation which the approval holder has already taken. b) The potential impacts of the incident and/or non-compliance. c) The method and timing of any corrective action that will be undertaken by the approval holder.		
40	40) The approval holder must ensure that an independent audit of compliance with the conditions is conducted for every five-year period following the commencement of the Action until this approval expires (unless otherwise specified in writing by the Minister).			
41	41) For each independent audit, the approval holder must:	a) Provide the name and qualifications of the nominated independent auditor, the draft audit criteria, and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit.	NR	The first independent audit is not required until 2028.

No.	Condition	Sub conditions	Compliance Status	Evidence/ Comment
		<p>b) Only commence the independent audit once the nominated independent auditor, audit criteria and timeframe for submitting the audit report have been approved in writing by the department.</p> <p>c) Submit the audit report to the department for approval within the timeframe specified and approved in writing by the department.</p> <p>d) Publish each audit report on the website within 15 business days of the date of the department's approval of the audit report.</p> <p>e) Keep every audit report published on the website until this approval expires.</p>		
42	42) Each audit report must report for the five-year period preceding that audit report.			
43	43) Each audit report must be completed to the satisfaction of the Minister and be consistent with the Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines, Commonwealth of Australia 2019.			
44	44) The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval, that the approval is due to expire.		NR	Not required until 60 days prior to expiry, 31 December 2128.
45	45) Within 20 business days after the completion of the Action, and, in any event, before this approval expires, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data. The approval holder must submit any spatial data that comprises completion data as a shapefile.		NR	The action is not complete.

# 7 Figures

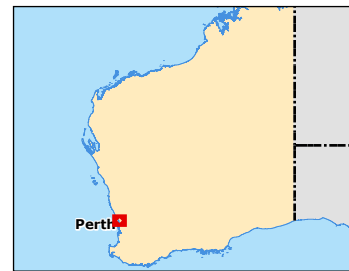
**Figure 1: EPBC 2019/8453 Extent of Tuart TEC Clearing (2025)**

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/205976106>



- LEGEND**
- Development Envelope
  - Cleared Banksia Woodland TEC

\* No Tuart TEC was cleared this reporting period



1:75,000 at A3  
 0 1 2 3  
 Kilometers  
 Coordinate System: GDA 1994 MGA Zone 50  
 Vertical Datum: AHD

AUTHOR: POWERA0    DATE: 3/12/2025  
 BRANCH: ENVIRONMENTAL BUSINESS UNIT

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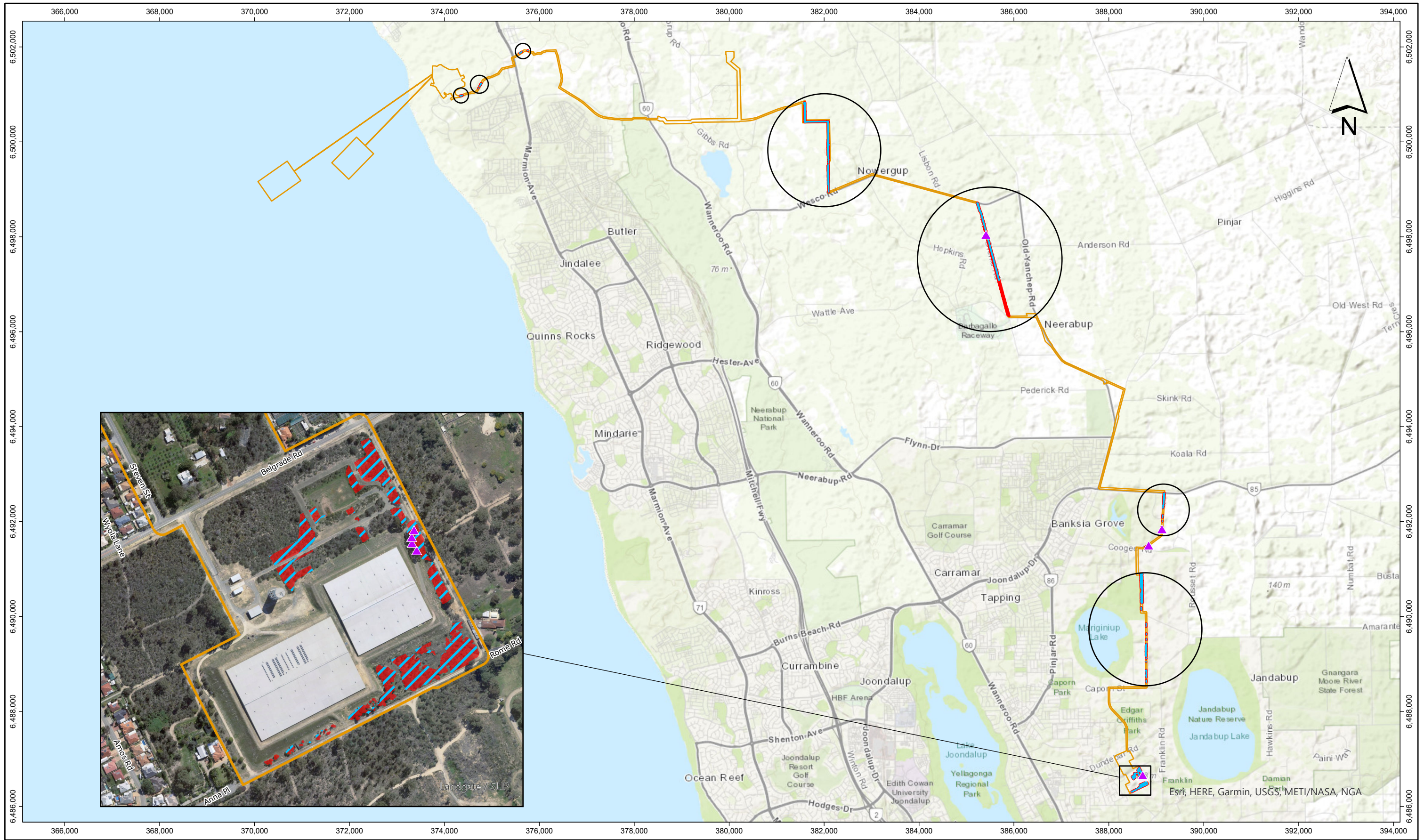
**EPBC 2019/8453 Annual Compliance Report 2025**

*Extent of Tuart and Banksia Woodlands TEC Clearing (8 Nov 24 – 7 Nov 2025)*

**Figure 1**

**Figure 2: EPBC 2019/8453 Extent of Black Cockatoo Habitat Clearing (2025)**

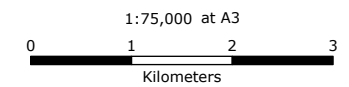
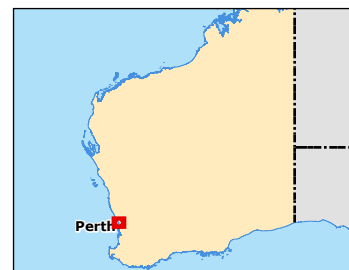
<https://nexus.watercorporation.com.au/otcs/cs.exe/link/205978609>



**LEGEND**

- Development Envelope
- Cleared Foraging habitat for Carnaby's cockatoo (*Zanda latirostris*)
- Cleared Foraging habitat for Forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*)
- Cleared Potential Nesting Trees

\* No Suitable Nesting Trees were cleared this reporting period



Coordinate System: GDA 1994 MGA Zone 50  
Vertical Datum: AHD

AUTHOR: POWERA0    DATE: 8/12/2025  
BRANCH: ENVIRONMENTAL BUSINESS UNIT

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**EPBC 2019/8453 Annual Compliance Report 2025**

*Extent of Black Cockatoo Habitat Clearing (8 Nov 24 – 7 Nov 2025)*

**Figure 2**

# 8 Appendices

## Appendix 1: Audit of Alkimos Terrestrial Construction Environment Management Plan

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204897660>

Section	Conditions	#	Subconditions	Compliance Status (C, NC, OFI, N/A)	Comment/ Observations	WC Evidence (Nexus) Links
3.1 Leadership and Planning	The Contractor must:		Have an environmental policy that aligns with the Water Corporation's Environmental Policy. Both policies must be displayed at the project site for the duration of the Project	✓	APA Environmental Policy contained in Section 1.2.4 Construction Environmental Management Plan (Rev 4) and aligns to Water Corporation policy.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Document the key roles and responsibilities associated with environmental management of this Project	✓	Documented in Construction Environmental Management Plan (Rev 4) section 3 structure and responsibilities.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Undertake work in accordance with this plan to meet the specific environmental objectives and performance indicators.	✓	Works undertaken in accordance with the plan.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
3.2 Risk Management	The Contractor must:		Develop and maintain a process to ensure environmental risks are identified, assessed and managed throughout the Project	✓	Documented in Construction Environmental Management Plan (Rev 4) section 4 Environmental Risk Management. Risk register sighted and contains environmental risks	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202134491">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202134491</a>
			Establish and maintain a risk register for all stages of the Project	✓	Risk register sighted reviewed monthly by project team. Specific Site Environmental Plans (SEPs) are developed for Main Site Compound and satellite compounds.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202134491">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202134491</a> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202137317">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202137317</a> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202132003">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202132003</a>
			Undertake all works in accordance with this CEMP including complying with the controls, monitoring requirements and reporting requirements listed for the key environmental factors	✓	Works undertaken in accordance with the plan.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">EMP-CEMP Conditions and Monitoring Register:</a> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>
			Prepare any required sub-plans, including the documentation of any credible emergency events, with accompanying contingency actions and reporting requirements for the potential events. These sub-plans will need be approved by an Environmental Advisor from Water Corporation prior to construction.	✓	Documented in Construction Environmental Management Plan (Rev 4) section 6.Environmental Incidents, Non-conformance and Complaints. A separate Project-wide Construction Incident and Emergency Response Plan has been developed to manage potential incidents / emergencies as outlined in Section 6.1.2.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
3.3.2 Other Requirements	The Contractor must:		Document a process for ensuring that any communicated changes to compliance obligations are assessed and identify any changes to sub-plan documentation, controls or management practices	✓	Documented in Construction Environmental Management Plan (Rev 4) section 7 Review and Continual Improvement and 1.2.5. Standards, Legislation and Codes of Practice	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Retain records demonstrating compliance with all management actions and reporting requirements within the CEMP and sub-plans. Records at to be made available to Water Corporation upon request.	✓	Compliance monitored as part of EMP and CEMP Conditions Monitoring Register Sustainability Reporting	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>
			Report and investigate any instances of a compliance obligation (from CEMP or Sub-plans) not being met (refer Section 1.2.6).	✓	1 non-compliance reported to date for clearing near-miss (non-compliance with clearing permit conditions). Incident report provided and entered in Sentinel (INC-077624)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/198976521">https://nexus.watercorporation.com.au/otcs/cs.exe/link/198976521</a>
3.4 People Management	The Contractor must:		Identify any roles/activities within the scope that require specific environmental training and document the training requirements	✓	Specific training for fauna handling identified in induction. Fauna handlers are identified in crib rooms	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a> Cert: Pablo Islas: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137940">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137940</a> Licence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202136016">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202136016</a>
			Identify a method for ensuring that workers meet training requirements and records of training are retained	✓	All workers undertake site specific induction that contains environmental risks for the project. Records are kept on Beacon. Training records checked, random worked checked (Bianca Pool), completed training 30/4/25, all requirements met	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a> Bianca completed training: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129999">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129999</a>
			Develop and implement induction material specific to the scope of works and the requirements of this CEMP. The material must include: - Information related to key environmental risk factors (as listed in Section 4.1) and any additional environmental factors identified in the CEMP. - Specific requirements for activities with potential high environmental risks - Incident management - General awareness of other environmental issues associated with the activities	✓	Induction viewed covered all factors and is well presented raining records checked, random worked checked (Bianca Pool), completed training 30/4/25, all requirements met	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a> Bianca completed training: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129999">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129999</a>
			Ensure all workers complete the site induction. Short-term visitors such as couriers and delivery agents may receive a shortened or no induction, but should be escorted (or have a designated and marked safe area/zone)	✓	Training records observed on Beacon.	
			Provide a copy of induction material to Water Corporation for their comment prior to construction.	✓	Water Corporation reviewed induction during CEMP review	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
3.5 Stakeholders, Communication, and Consultation	The Contractor must:		Document methods for communicating environmental information to workers and other internal stakeholders	✓	Documented in Construction Environmental Management Plan (Rev 4) section 4.3. 1. Internal Communication Communication done via prestart, toolboxes, monthly reports and construction meetings. Enviro content sighted in toolboxes, construction meetings and monthly report	CEMP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a> Project Brief/ Toolbox: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127745">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127745</a> Construction Meeting Minutes: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127263">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127263</a> Monthly Report: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202223758">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202223758</a>
			Document a process that details how external stakeholders raise concerns/queries on Project activities, and the method for recording and responding to these queries/concerns	✓	Documented in Construction Environmental Management Plan (Rev 4) section 4.3. 2. External Communication . Community, Stakeholders and Regulatory Authorities.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Document any regulatory agencies, landowners, and other rights holders who are required to be consulted during the Project and state when and how communication with them will occur.	✓	Documented in Construction Environmental Management Plan (Rev 4) section 4.3. 2. External Communication . Community, Stakeholders and Regulatory Authorities.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Comply with all controls, and monitoring and reporting requirements of this CEMP	✓	Works undertaken in accordance with the plan.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>

3.6 Systems of Work	The Contractor must:		Comply with all controls, and monitoring and reporting requirements of approved Sub-plans (as listed in section 3.3.2)	✓	Works undertaken in accordance with the plan.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>
			Retain records to demonstrate compliance with system of works procedures and monitoring requirements	✓	Records are kept in accordance with the plan.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>
3.7 Land, Facilities, Plant and Equipment	The Contractor must:		Identify any plant and equipment that is critical to meeting Health Safety and Environment & Aboriginal Affairs (HSEAA) requirements. This includes: - Plant and equipment that will be used to meet the requirements; or - Plant and equipment that, when used, may affect meeting HSEAA requirements	✓	All plant, equipment and vehicles are to be regularly monitored and maintained and records kept of maintenance Engineers manage plant register Vehicles/ plant have daily prestarts and servicing stickers. Includes checks for free of soil and weeds, oil leaks etc	Plant Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641</a> Plant (Truck) evidence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902</a>
			Identify any compliance obligations, industry standards, performance criteria, or other parameters that this plant and equipment must meet	✓	All plant, equipment and vehicles are to be regularly monitored and maintained and records kept of maintenance Engineers manage plant register Vehicles/ plant have daily prestarts and servicing stickers. Includes checks for free of soil and weeds, oil leaks etc	Plant Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641</a> Plant (Truck) evidence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902</a>
			Document how this plant and equipment will be inspected, monitored, and maintained to ensure performance criteria are being met	✓	Documented in Construction Environmental Management Plan (Rev 4)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			Develop a site plan, provide it to Water Corporation and maintain a copy of the site plan in the site office, include it within the CEMP addendum and also have it included in induction material. At a minimum the plan must include: - the extent of the approved DE and DF - cadastral boundaries - site offices, facilities and amenities - laydown areas - material stockpiles, soil/spoil windrows - location of stormwater runoff control measures - ASS treatment locations - infiltration areas - hygiene management points - access points to areas of the project.	OFI	Documented in Construction Environmental Management Plan (Rev 4) Appendix A9 Site Plans completed for Laydown Areas only but don't include work sites or show all items (e.g. topsoil stockpile locations, ASS treatment areas) <b>Action:</b> Create SEPPs for active work sites and include all requirements (including: ASS treatment Areas, topsoil locations, infiltration areas etc)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
3.8 Incident Management, Reporting and Investigation	The Contractor must:		Document the process for responding to, investigating and reporting environmental incidents. This process must include the key roles, equipment and resources required	✓	Documented in Sec 6 Environmental Incidents, Non-conformance and Complaints of Construction Environmental Management Plan (Rev 4)	
			Maintain a register of all fauna removals, deaths or injuries	✓	Fauna Register Sighted.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>
			Report all actual or potential environmental incidents to Water Corporation within the following time periods: - For incidents involving wastewater: as soon as possible, not exceeding 30 minutes - For all other incidents: as soon as practical not exceeding 24 hours	✓	1 incident reported to date for clearing near-miss (non-compliance with clearing permit conditions). Reported in required timeframes. Incident report provided and entered in Sentinel (INC-077624)	
3.9 Performance Monitoring, Audit and Improvement	The Contractor must:		Document how performance will be monitored against environmental objectives, performance criteria, and requirements – including development of a site environmental inspection checklist.	✓	Documented in Construction Environmental Management Plan (Rev 4) Environmental Subplans Reported in Monthly Progress reports	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202381884">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202381884</a>
			Participate in inspections or audits conducted by Water Corporation or regulators. The minimum frequency of inspections and audits are outlined in Table 3.	✓	Audits and inspections completed with Water Corporation (Sean Nicholson)	
			Document a process that: - Determines the cause of incidents and non-conformances / non-compliances - Identifies and implements corrective actions - Identifies actions required to prevent recurrence - Records changes in written procedures resulting from the corrective action.	✓	Documented in Construction Environmental Management Plan (Rev 4) section 6. Environmental Incidents, Non-conformance and Complaints	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
4 Environmental Management	For each factor, the contractor must:		Adhere to all identified requirements within this CEMP along with any other requirements deemed necessary to meet the environmental objectives	✓	On track.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202135209">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202135209</a>
			Identify any credible emergency events and document within the CEMP addendum the emergency response plan, any contingency actions and the reporting requirements to be implemented for such events.	✓	A separate Project-wide Construction Incident and Emergency Response Plan has been developed to manage potential incidents / emergencies as per Section 6.1.2 of CEMP (Rev 4)  Additional Evidence: Copy of Emergency Response Plan	Emergency Response Plan: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202772777">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202772777</a>
<b>4.1 Flora and Vegetation</b>						
	Prevent impacts to native vegetation outside of the approved clearing area		No clearing or damage to vegetation outside of the Approved Clearing Area.	NC	1 incident reported to date for clearing outside of approved clearing area. Breach was outside the internal approved clearing area, <b>not the development envelope/ action area</b> (non-compliance with clearing permit conditions). Reported in required timeframes. Incident report provided and entered in Sentinel (INC-077624)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/198976521">https://nexus.watercorporation.com.au/otcs/cs.exe/link/198976521</a>
			Identify opportunities to reduce clearing area (ha)	✓	The location and coordinates of the three Melaleuca sp. Wanneroo individuals were verified prior to works and the design be modified to avoid all three individuals in accordance with MS1207 B1-1(1). Project has done detailed design to reduce areas of clearing. Project has reduced their clearing to save 25% (~6ha) of what they were approved to clear	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274</a>
			100% compliance with controls listed in Section 4.1.3 and specific controls listed in the CEMP	✓	100% compliance.	

4.1.2 Objective	Prevent indirect impacts to surrounding sensitive receptors (National Parks, State Forests, TECs, PECs, ESAs, Wetlands and Bush Forever sites)	Identify opportunities to reduce clearing area (ha)	✓	The location and coordinates of the three Melaleuca sp. Wanneroo individuals were verified prior to works and the design be modified to avoid all three individuals in accordance with MS1207 B1-1(1). Project has done detailed design to reduce areas of clearing. Project has reduced their clearing to save 25% (~6ha) of what they were approved to clear	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274</a>
		All impacts to significant vegetation are contained to within the SDP and pipeline DEs, and managed as per the specified control actions (refer 4.1.3 and 4.4.3)	✓	All impacts to significant vegetation as per the DE, no breaches of DE to date	
	Prevent impacts to vegetation resulting from groundwater drawdown	No decline in vegetation health resulting from groundwater drawdown	✓	Dewatering Management Plan (Appendix C) CEMP. section 5.1 GDE states impacts to GDEs not anticipated Dewatering from excavations no longer than 3 weeks and infiltrated adjacent to trench, low risk of impacts to veg. Photos of pre watering captured	DMP (Appendix to CEMP): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274</a> Vegetation Monitoring photos of preconstruction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202779047">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202779047</a>
		No exceedance of groundwater drawdown limits	✓	GWL amount not exceeded to date. Water register to be maintained	Construction Water Usage: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128880">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128880</a> Dewatering Permit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127090">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127090</a> Field Sampling Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/20212774f">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/20212774f</a>
		100% compliance with an approved Dewatering Management Plan	OFI	Dewatering being conducted, records are in place however not contained within a single register. <b>OFI:</b> Develop single dewatering register to capture all information and links to reports	
Prevent impacts to habitat trees	100% of Black Cockatoo habitat trees identified for retention to remain at the conclusion of works.	✓	23.24 ha of foraging habitat for Carnaby's cockatoo (Zandaleria striata) - 20.30 ha of foraging habitat for Forest red-tailed black cockatoo (Calyptorhynchus banksii naso); and - 81 potential nesting trees - 4 suitable nesting trees	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274</a>	
4.1.3 Controls Appendix A1 Table 5: Flora and vegetation	4.1.3.1	Prior to clearing all relevant permit and approvals shall be reviewed and any clearing requirements identified and communicated to Contractors.	✓	Site walkthrough completed for pre-clearing walkthrough WC and APA sign-off to ensure all activities completed and signed by operators and spotters. Requirements are communicated via permit which is signed by operators SWMS also includes requirements	Example Clearing Permit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389</a> SWMS Clearing: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202787775">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202787775</a>
	4.1.3.2	Clearing area limit must be delineated by the use of pegs, fencing and/or continuous flagging tape by a qualified engineering surveyor. Ensure that the clearing area limit delineated is the approved clearing area limit.	✓	Clearing area is delineated by continuous orange flagging. See photo: Project boundary delineation Conservation No Entry signage	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202130525">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202130525</a> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128078">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128078</a>
	4.1.3.3	In areas adjacent to TEC/PECS, ESAs or Conservation areas hazard tape/flagging is to be used as a buffer at least 1 m inside the clearing area limit to avoid unauthorised clearing of material spoil outside of the approved area. The digital shapefiles are to be supplied to the Contractors by the Water Corporation to allow a qualified engineering surveyor to undertake this task.	✓	Confirmed in survey setout file, flagging adjacent to conservation areas was set in 1m from the clearing boundary.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128078">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128078</a>
	4.1.3.4	Inspect and identify native vegetation and habitat trees (DBH >500mm) that can be retained or protected, thereby reducing overall clearing required. Clearly identify and flag these areas prior to clearing	✓	Potential and suitable nesting trees identified in register and marked on site with continuous flagging around drip line of tree.	Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127416">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127416</a>
	4.1.3.5	The Contractor is to arrange a final inspection of the demarcation of approved clearing area within TECs/PECs, ESAs, Bush Forever sites by Water Corporation's Environmental Scientist. This is to occur at least five working days prior to clearing.	✓	Final inspection of demarcation occurred on 14/07/25 by Sean Nicholson, clearing took place on 14/07/25	Example Clearing Permit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389</a>
	4.1.3.6	The Water Corporation is to provide approval of demarcated boundaries of approved clearing within TECs/PECs, ESAs, Bush Forever sites prior to clearing commencing	✓	Provided by Sean Nicholson. Clearing permit "Water Corp Specialist" sign off. Example provided for 2524.	Example Clearing Permit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389</a>
	4.1.3.7	Photographic records and video recording (as appropriate) of land and vegetation conditions and features on or around the site, such as trees and shrubs, will be stored as a record that the approved clearing area limit was not breached.	N/A	To be provided once all project clearing complete.	
	4.1.3.8	Construction staff to be educated during an initial induction that includes issues relating to clearing activities to ensure the requirements of this CEMP are understood by all parties involved.	✓	Induction viewed cover factors: dust, flora and fauna, cultural heritage, soil and material management, fire, weeds and pests, noise and vibration	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>
	4.1.3.9	Maintain the integrity of barriers used to demarcate the approved clearing area, tree protection zones, and any areas of native vegetation to be retained. Barriers are to be inspected on a daily basis to confirm their integrity and any repairs undertaken prior to commencing ground disturbance.	✓	Inspection checked for Chris Williams 6 Oct and includes fencing/ barrier checks	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202151570">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202151570</a> Fencing Inspection: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202770983">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202770983</a>
	4.1.3.10	Clearing shall be conducted in a slow, progressive manner from one direction to the other (e.g. west to east) to allow fauna to move into adjacent native vegetation ahead of the clearing activity.	✓	This is specified in Clearing Permit and reviewed prior to clearing with all involved parties. Clearing conducted in linear corridor (max 20m wide), any fauna can escape to surrounding vegetation.	Permit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389</a> Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>

minimum actions	4.1.3.11	Required work areas and access tracks shall be identified prior to commencement of construction. Access tracks must not require clearing of native vegetation outside the approved clearing area.	✓	Documented in Site management Plan and SEPP	Site Management Plan: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202148118">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202148118</a> SEPP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137317">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137317</a>	
	4.1.3.12	Vegetation earmarked for removal within the approved clearing area should be felled so that if falls within the DE, to avoid damage to surrounding vegetation intended for retention.	✓	All vegetation was felled within the project boundary.		
	4.1.3.13	No dead, standing or fallen timber shall be removed unnecessarily; all logs resulting from land clearing shall be stockpiled in a previously cleared area and used to enhance fauna habitat or to restrict public access to certain areas, on advice of Water Corporation	✓	Vegetation is mostly shrubland and was mulched and stockpiled for later reuse.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202150956">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202150956</a>	
	4.1.3.14	Topsoil within areas of significant native vegetation (National Park, State Forest, TEC, PEC, ESA, Bush Forever sites and MRS conservation area 10b) (Attachment C) to be stripped to a depth of 100-150 mm and stockpiled separately.	✓	Rev_2 of Clearing Permit includes section for topsoil depth. Topsoil stripped separately	Topsoil Stockpile Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343</a>	
	4.1.3.15	All topsoil from areas identified as weed infested and/or dieback infested shall be stripped separately and deposited in the nominated spoil sites for offsite removal.	OFI	Topsoil from weed impacted area is stockpiled within the weed infested area and then returned and/or buried to the same location <b>Action:</b> Implement a spoil racking register to identify different stockpiles source and stockpile locations to ensure they're returned to the same location	Topsoil Stockpile Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343</a>	
	4.1.3.16	Topsoil must not be stockpiled at heights greater than 1.5 m.	✓	Topsoil stripped and stockpiled as per the Weed and Topsoil Management Plan	Topsoil Stockpile Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202149343</a>	
	4.1.3.17	Vegetation clearing logs are maintained and made available at the request of the Water Corporation	N/A	To be provided once all project clearing complete.		
	4.1.3.18	Adhere to information and instructions within a Dewatering Management Plan (DMP) during all applicable operations	✓	As per DMP		
	4.1.3.19	Appropriate handling of all pinewood within the DE; including correct movement, removal, destruction and treatment of pinewood (as per the Agriculture and Related Resources Protection (European House Borer) Regulations 2006	✓	All pinewood material chipped to <2cm and managed as per guidelines	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971</a>	
	4.1.3.20	Within 2 weeks following the completion of clearing activities, the total cleared area must be determined by an engineering surveyor, mapped and reported to the Water Corporation (including start and end dates of clearing activities).	N/A	Clearing logs to be provided within two weeks of clearing.	Clearing not yet complete	
	4.1.3.21	Removal of all flagging tape post construction.	N/A	Project still in construction		
	4.1.3.22	Within 3 months of completion of works, ensure that any areas that are not required for continued maintenance to be backfilled and restored with top soil to pre-existing contours to promote the natural regeneration of native vegetation.	N/A	Project still in construction		
4.1.4 Monitoring and Reporting	Table 6: Minimum flora and vegetation monitoring requirements	4.1.4.1	Inspect all demarcated boundaries for damage or signs of encroachment.	✓	Site supervisory staff will conduct routine daily visual and weekly inspections to assess the environmental compliance in the area of their supervision and identify potential issues and controls to be implemented. Inspection checked for Chris Williams 6 Oct and includes fencing/ barrier checks	Fencing Inspection: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202770983">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202770983</a>
		4.1.4.2	Survey the actual extent of clearing undertaken. Include start and end clearing dates. Provide clearing log to Water Corporation	N/A	Clearing ongoing, records to be provided once all clearing complete.	
	Table 7: Minimum flora and vegetation reporting requirements	4.1.4.3	Contractor to provide Water Corporation with georeferenced spatial data indicating the actual extent of clearing undertaken.	N/A	Clearing ongoing, records to be provided once all clearing complete.	
		4.1.4.4	Contractor to take photographic evidence of proposed clearing area before and after clearing	N/A	Clearing ongoing, records to be provided once all clearing complete.	
<b>4.2 Weeds, Pests and Disease Hygiene</b>						
4.2.2 Objectives	To prevent the introduction or spread of significant weeds or diseases as a result of construction works		No introduction or spread of significant weed species as a result of project activities	✓	No significant spread of weeds. Project has Clean on Entry points, limestone green bridges	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>
			No introduction or spread of dieback associated with construction works	✓	No Dieback introduced	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>
			Full compliance with the Agriculture and Related Resources Protection (European House Borer) Regulations 2006 regarding pinewood management.	✓	As per section 4.1.3.19	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971</a>
4.2.3 Controls	Table 9: Weeds pests and disease hygiene management minimum actions	4.2.3.1	Prepare a CEMP addendum identifying site-specific weed, pest and disease hygiene risks and provide further detail on controls to be implemented	✓	Documented in Construction Environmental Management Plan (Rev 4) Appendix A2 – Weed, Pest and Disease Management Sub Plan	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.2.3.2	Undertake pre-construction targeted weed mapping, within the proposed clearing area, and 15m in to adjacent Conservation areas, and a Phytophthora survey to inform weed and dieback management	✓	Completed by Tranen Weed and dieback report. Nexus: 197215527	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527</a>
		4.2.3.3	Undertake pre-construction Phytophthora cinnamomi survey of the proposed clearing area and 25m in to adjacent Conservation areas, to inform dieback management	✓	Completed by Tranen Weed and dieback report. Nexus: 197215527	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527</a>
		4.2.3.4	Weed control to be undertaken if Declared Pests or Weeds of National Significance are present in the area proposed to be disturbed	✓	WoNS removed during survey, others were later removed by Enviro advisor and disposed of to Class II landfill. Tranen Weed and dieback report. Nexus: 197215527 Weed removal Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157093">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157093</a>	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/197215527</a> <b>Weed Disposal:</b> <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157093">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157093</a>
		4.2.3.5	Adhere to the Department of Parks and Wildlife (2015) corporate policy for the management of Phytophthora and the Management Guidelines (Department of Conservation and Land Management (2015) Plan	✓	Tranen Weed and dieback report. Nexus: 197215527	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>
		4.2.3.6	Develop a Dieback Management Plan (as an addendum to this CEMP), in consultation with DBCA and Water Corporation.	✓	Tranen Weed and dieback report. Nexus: 197215527	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>
		4.2.3.7	Implement approved Dieback Management Plan	✓	Plant compliance checklist contains section on equipment being clean before entry and photos. Sighted inspected records for a truck	Plant Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641</a> Plant (Truck) evidence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902</a>
		4.2.3.8	All site personnel and construction staff will be educated during an initial induction that includes issues relating to hygiene control to ensure the project's approved Dieback Management Plan is understood by all parties involved	✓	Project induction contains section on weed hygiene and dieback management.	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>

		4.2.3.9	Clearly demarcate any hygiene management areas (with clear signage to differentiate infested and uninfested areas) and establish clean on entry and exit points with, as a minimum, brush down facility and a log of vehicles entering and exiting the area.	✓	Hygiene management ongoing	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>	
		4.2.3.10	Inspect all plant and equipment to ensure it is free from soil and plant debris prior to commencement of work on site.	✓	Plant compliance checklist contains section on equipment being clean before entry and photos. Sighted inspected records for a truck	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>	
		4.2.3.11	Soil or mulch material not certified as weed-free or dieback-free must not be imported into the site, and all material must have WC approval	N/A	No soil or mulch imported to site.		
		4.2.3.12	Appropriate handling of all pinewood within the DEs; including correct movement, removal, destruction and treatment of pinewood (as per the Agriculture and Related Resources Protection (European House Borer) Regulations 2006)	✓	Report the results and outcomes of the monitoring of pinewood management (as required per Guidelines)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971</a>	
		4.2.3.13	After backfilling within National Park, State Forest, TEC, PEC, ESA and Bush Forever sites, the spreading of topsoil shall occur. Herbicide shall be strategically applied if weeds germinate (selected herbicide is to be approved by WC prior to use) (see Section 4.14)	N/A	Backfilling not yet commenced.		
		4.2.3.14	An on-going inspection and control program shall be implemented for Declared Pests and significant weeds within the DE	✓	All significant weeds removed by Tranen during Weed survey on by Tranen. Project also has ongoing weed removal:	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>	
		4.2.3.15	The use of any pesticides or herbicides must comply with the Department of Health's Circular No. PSC 88 Use of herbicides in water catchment areas	N/A	No pesticide use to date		
4.2.4 Monitoring and Reporting	Table 10: Minimum weeds pests and disease hygiene management monitoring requirements	4.2.4.1	The Contractor must undertake regular monitoring of adherence to the Hygiene Management Controls within the CEMP as a part of routine environmental inspections	✓	Inspection covers plant clean on entry requirement and separation of topsoil stockpiles Evidence: Environmental Inspection	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202156976</a>	
		4.2.4.2	Log of vehicle hygiene for all vehicles, plant & equipment entering the site	✓	Records are kept in Beacon of all plant and equipment clean on entry. Evidence: Plant Compliance Checklist Register.csv (Nexus)	Plant Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641</a> Plant (Truck) evidence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127907">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127907</a>	
		4.2.4.3	The Contractor must undertake regular monitoring of compliance with pinewood management guidelines	✓	Report the results and outcomes of the monitoring of pinewood management (as required per Guidelines)	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971</a>	
	Table 11: Minimum weeds pests and disease hygiene management reporting requirements	4.2.4.4	Report inspection logs of vehicles/plants/machinery arriving on site and entering/exiting any dieback hygiene management points (clean on entry/exit)	✓	Clean on Entry / Lacroo Prestart	Vehicle Clean down form: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202174148">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202174148</a> CoE Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202181816">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202181816</a>	
		4.2.4.5	Confirmation of weed control in the form of records, photographs and other brief documentation, such as herbicide usage.	✓	Records are kept in Beacon of all plant and equipment clean on entry. Evidence: Plant Compliance Checklist Register.csv (Nexus)	Vehicle Clean down form: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202174148">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202174148</a> CoE Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202181816">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202181816</a>	
		4.2.4.6	Report the results and outcomes of the monitoring of pinewood management	✓	Mulch stockpiled on site for later reuse in same location	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202157971</a>	
<b>4.3 Terrestrial Fauna</b>							
4.3.2 Objectives	Prevent impacts to native fauna resulting from project activities.		No injury or death to fauna as a result of project activities.	✓	No fauna injuries to date	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>	
			No native fauna are trapped in excavated trenches.	✓	No native fauna has been found trapped in excavated trenches.	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>	
			All construction work and associated impacts must remain within the construction footprint. This includes access to and from the construction work site.	✓	No impacts to fauna outside of project footprint.	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a> Trench Inspection Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299</a>	
			No unauthorised vegetation clearing or vegetation disturbance beyond the approved clearing area limit	✓	No impacts to native vegetation outside of the approved clearing area to date		
			No injury or harm to workers attributable to fauna interactions.	N/A	No injuries reported to date		
	Ensure impacts on protected fauna (in particular black cockatoo habitat) are adequately minimised during construction.		No clearing of black cockatoo habitat trees outside the approved clearing area.	✓	No clearing of black cockatoo habitat trees outside project area occurred to date.		
			No damage to key protected fauna habitat outside the approved clearing areas during construction.	✓	No clearing of protected fauna habitat outside of approved clearing area date.	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>	
			No injury to or death of threatened fauna.	✓	No fauna injuries or deaths reported to date, relocations only (no injuries)	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>	
			No disturbance of breeding black cockatoos.	✓	Potential impacts to fauna are considered prior to clearing and documented in the internal clearing permits.		
			No unapproved disturbance of black cockatoo habitat.	✓	23.24 ha of foraging habitat for Carnaby's cockatoo (Zandlatirostris) - 20.30 ha of foraging habitat for Forest red-tailed black cockatoo (Calyptorhynchus banksii naso); and - 81 potential nesting trees (NUMBER NOT HECTARES) - 4 suitable nesting trees	Clearing Tracker: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200971274</a>	
		4.3.3.1	Minimise vegetation clearing and the area of disturbance on the ground by utilising existing cleared areas where possible.	✓	Vehicles, equipment, plant, materials and personnel are to remain within the designated construction area at all times and not breach established environmentally sensitive exclusion zones.		
		4.3.3.2	Identify a person qualified under the Wildlife Conservation Act to undertake fauna handling (including relocation or removal) for the life of the project.	OFI	3 people initially qualified and trained, 2 have since left project. One person is not suitable to cover entire project area.  Action: APA to undertake fauna handling training to ensure sufficient coverage for the project	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a> Cert: Pablo Islas: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137940">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137940</a> Licence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202136016">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202136016</a>	
		4.3.3.3	All staff and Contractors involved in clearing activities will be inducted on the potential impacts to fauna (including vehicle strikes on black cockatoo species) and advised to stop works in the vicinity of any injured or shocked animals that are encountered.	✓	Site specific induction contains requirements on impacts to fauna.	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>	
		4.3.3.4	Prior to each day's clearing, the Contractor is to check underneath all logs, rocks, in trees and any other habitat that may be used by fauna, within the area that is about to be cleared, to allow the removal and relocation of any discovered fauna. Any person removing and relocating native fauna must hold a licence to take specially protected fauna in accordance with the Biodiversity Conservation Act 2016.	✓	Qualified fauna handlers from to present during initial clearing to check and relocate any trapped fauna	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a> Trench Inspection Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299</a>	

4.3.3 Controls	Table 13: Terrestrial fauna minimum actions	4.3.3.5	Retention, of potential black cockatoo habitat trees (particularly hollow-bearing trees), where the design and construction methodology allow. A pre-clearance survey will be undertaken to flag the potential black cockatoo trees within the project footprint (using distinctive flagging for those with hollows) to allow Contractors to see which trees shall be avoided, where the design and construction methodology allow.	✓	Black cockatoo trees checked by Black Cockatoo expert within 7 days of clearing, no BC found.	Black Cockatoo Pre Clearing Inspection Report: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354</a>		
		4.3.3.6	The project schedule will plan, for clearing to take place outside the typical breeding season for black cockatoos (i.e. when breeding birds and their young are not using hollows) (peak breeding season is August– January). Where the project schedule requires clearing during the typical breeding season, requirement 4.3.3.7 (below) must be implemented.	✓	Black cockatoo trees checked by Black Cockatoo expert within 7 days of clearing, no BC found.	Black Cockatoo Pre Clearing Inspection Report: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354</a>		
		4.3.3.7	If clearing is unavoidable during the typical breeding season of black cockatoos, a pre clearing inspection of trees containing hollows to be cleared will be undertaken, by a black cockatoo specialist, to ensure there are no breeding activities present in the trees. If breeding activities are identified, clearing is to be avoided until such time nestlings have left the nest without human intervention. The contractor is to provide an accurate schedule of works at least 4 weeks in advance to the Water Corporation so that a specialist can be engaged to undertake the inspection.	✓	Black cockatoo trees checked by Black Cockatoo expert within 7 days of clearing, no BC found.	Black Cockatoo Pre Clearing Inspection Report: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182354</a>		
		4.3.3.8	Clearing is to be undertaken in a directional manner that will ensure that native fauna can move into uncleared/larger areas of intact native vegetation and away from areas of hazard such as major roads, car parks, etc.	✓	Directional clearing. Indicated in Clearing Permit (implementation section) and reviewed before clearing.	Clearing Permit example: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127389</a>		
		4.3.3.9	Traffic is to be controlled to prevent fauna collisions, such as the installation of Wildlife Warning Signs to warn drivers that wildlife may stray onto roads. This also includes the use of speed limits throughout the site to minimise risk of fauna strike (in particular when black cockatoos are present on site).	✓	Site has a traffic control plan and speed limits on site. Wildlife warning signs on access road into site where kangaroos are observed frequently.	Wildlife Crossing Signage: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202183442">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202183442</a>		
		4.3.3.10	Construct barriers at the ends of installed or stored pipes at the end of each working day to prevent access by fauna.	✓	When in laydown yard stored pipe is not blocked (pipe is 1.6m in diameter). When pipe strings welded together on site, barriers are installed.	Pipe Barrier: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202179804">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202179804</a>		
		4.3.3.11	Fauna ladders or ramps must be installed where necessary within open excavations to allow fauna to exit.	✓	Check for Ramps for open trenching works during inspection.	Fauna Ramp: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202177374">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202177374</a> Fauna Ladder: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202176362">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202176362</a>		
		4.3.3.12	Daily inspections of all open trenches and pipes must be undertaken prior to commencing work each day to ensure that there are no trapped fauna. Daily inspections will also monitor presence of seasonal / migratory bird species (e.g., black cockatoo). This information will feed into daily toolbox meetings to reiterate the importance of fauna management measures.	✓	Daily trench inspection form checked and includes requirements	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a> Trench Inspection Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299</a>		
		4.3.3.13	In the event of injury to any fauna, a suitable qualified person (e.g. veterinarian, DBCA ranger, trained snake catcher) must be contacted to provide appropriate treatment, including euthanasia, as necessary. If injured wildlife is found, call Wildcare Helpline on (08) 9474 9055 for advice on the nearest registered wildlife rehabilitator. Wildcare Helpline phone number is to be displayed in the site office.	✓	No injured fauna to date. Fauna relocated was uninjured and could be relocated to adjacent areas	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">Fauna Register: https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>		
		4.3.3.14	Injured fauna will not be harmed or killed unless a decision to euthanase by approved methods by a suitably qualified person is made (e.g. a veterinarian). Relevant contact numbers for the authorised persons is to be documented within the approved CEMP.	✓	No injured fauna to date.			
		4.3.3.15	Any fauna found within the construction footprint area will be removed by an approved fauna handler and relocated to a minimum of 50 m outside of the project area, but within vegetated areas. The fauna removed will be recorded in a fauna removal log that shall be retained at the site office.	✓	5 relocations to date, all registered in fauna register	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">Fauna Register: https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>		
		4.3.3.16	Dead fauna will be removed to prevent attracting other fauna to source food and the dead fauna will be disposed of as putrescibles waste (to landfill). The details of the dead fauna will be recorded in a Fauna Removal Log that shall be retained at the site office.	✓	No dead fauna to date.			
		4.3.3.17	Dogs, cats and other domesticated animals and firearms will not be allowed within the project site, other than those having business at the site.	✓	Included in induction. No prohibited items reported being brought to site, induction covers prohibited items.	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>		
		4.3.3.18	Contractors to be instructed not to feed fauna.	✓	Site specific induction includes staying away from fauna	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>		
		4.3.4 Monitoring and Reporting	Table 14: Minimum terrestrial fauna monitoring requirements	4.3.4.1	The Contractor must inspect all open excavations for the presence of fauna	✓	On track. No fauna trapped in trenches recorded to date. Reported through Lacroo and Fauna Inspection Form.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a> Trench Inspection Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202182299</a>
				4.3.4.2	The Contractor must maintain a register of all fauna removals, deaths or injuries. The register must identify: - Date, time and location - Type and number of fauna - Status (e.g. dead/alive/injured) - Method of removal - Location of removal - Details of person (name, contact registration/licence details)	✓	Fauna Register Sighted.	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>
			Table 15: Minimum terrestrial fauna reporting requirements	4.3.4.3	The Contractor must report the fauna register to the Water Corporation	✓	On track. Fauna register provided as part of this audit.	Fauna Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202128734</a>
		<b>4.4 Conservation Areas</b>						
4.4.2 Objectives	Protect and maintain ecological value and function of conservation areas		- Minimised clearing as much as practicable - No spread of weed into conservation areas (4.2) - No spread of dieback into conservation areas (4.2) - Maintained connectivity within conservation areas to provide native fauna corridors (4.14) - Maintained firebreak access (4.7) - Maintained fencing and prevention of access by trespassers	✓	On track			

4.4.3 Controls	Table 17: Conservation Area management minimum actions	4.4.3.1	Prior to any vegetation clearance and ground disturbance, DBCA, DPLH, Forest Products Commission (FPC) and Bush Forever are to be consulted to achieve landowner permission to undertake the work	✓	DBCA notified via the approval of the DAS. DPLH and FPC notified via email prior to works Notification through Aconnx sent to FPC and DPRIS	DBCA Notification (DAS): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042</a> FPC Notification: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197225349">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197225349</a> DPLH Notification (Bushforever): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042</a>
		4.4.3.2	Ensure applications to carry out disturbance on DBCA managed lands have been approved through the Disturbance Approval Strategy (DAS).	✓	DAS has been approved.	DAS: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/196928655">https://nexus.watercorporation.com.au/otcs/cs.exe/link/196928655</a>
		4.4.3.3	Vehicle movement to be minimised, and to remain on designated tracks.	✓	All access via public roads or via clearing corridor	
		4.4.3.4	Clearing area boundaries adjacent to Conservation areas are to have temporary hard fencing installed to demarcate the DE and to restrict access.	✓	Fencing has been installed around all conservation areas.	Fencing Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202184868">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202184868</a>
		4.4.3.5	Clearing area boundaries adjacent to Conservation areas are to have an additional demarcation layer using hazard tape/flagging as a buffer at least 1 m inside the approved clearing area limit to avoid unauthorised clearing. The digital shapefiles are to be supplied to the Contractors by the Water Corporation to allow a qualified engineering surveyor to undertake this task.	✓	Orange flagging used on external perimeter of clearing area. Permanent ring lock fencing has been installed on the inside around all conservation areas.	Flagging Photo: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202173039">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202173039</a>
		4.4.3.6	Siltation fences or other suitable erosion control mechanisms to be installed at locations where adjacent Conservation areas are at risk of erosion impact from the construction works.	✓	Silt fencing installed along project boundary where material movement or erosion is likely to breach project boundary.	Silt Fencing: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327348">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327348</a>
		4.4.3.7	Targeted manual removal of eroded material from Conservation areas is to be undertaken in the event of inadvertent erosion events.	N/A	On track. Not applicable at this stage as no erosion outside footprint	
		4.4.3.8	"No Entry – Conservation Area" signage with wording to appropriate standard is to be placed at 500m spacing along all temporary fences/original fence lines indicating contact details and restriction to access of these areas.	✓	Signage is installed on Northern boundary along conservation area. Evidence: Conservation area demarcation flagging and signage.jpg (Nexus	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202315280">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202315280</a>
		4.4.3.9	Where DBCA tracks/trails intercept the pipeline corridor appropriate traffic management/signage is to be installed to advise the public of the construction works.	✓	On track. Northern Section - Zone B. Access track through Telephone Road (replacing Orchid Rd access). Signs being procured.	
		4.4.3.10	DBCA is to be contacted prior to construction in areas where a DBCA managed track/trail is to be impacted, to determine if temporary alternative access will need to be provided to potential users via DBCA's website and other local websites/advertising avenues. The contractor shall provide Water Corporation a schedule for works in these areas at least 4 weeks prior to proposed commencement.	✓	Records of Consultation with DBCA.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321189">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321189</a>
4.4.4 Monitoring and Reporting	Table 18: Minimum Conservation Area management monitoring requirements	4.4.4.1	- Inspect fencing and signage. - Repair and replace fencing and signage as recommended from the inspection.	✓	Included in weekly enviro inspection	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202325665">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202325665</a>
	Table 19: Minimum Conservation Area management reporting requirements	4.4.4.2	Maintain evidence of all consultation with DBCA, DPLH, Forest Products Commission (FPC) and Bush Forever	✓	Records of Consultation with DBCA sighted DBCA notified via the approval of the DAS. DPLH and FPC notified via email prior to works	DBCA Notification (DAS): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042</a> FPC Notification: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197225349">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197225349</a> DPLH Notification (Bushforever): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042">https://nexus.watercorporation.com.au/otcs/cs.exe/link/197223042</a>
		4.4.4.3	Maintain a register of any public complaints and provide the register to Water Corporation	✓	Community Complaints register sighted maintained by Comms team	Comms Plan: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202315942">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202315942</a>
<b>4.5 Dust</b>						
4.5.2 Objectives	Ensure that activities do not unreasonably affect the amenity of surrounding		No visible dust plumes extending greater than 10 m from the boundary of the DEs	✓	No Visible dust noticed. Watercarts is use during the inspection .	Water Cart: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917</a>
			No substantiated complaints relating to dust impacts	✓	No community complaints related to dust received to date.	
4.5.3 Controls	Table 21: Dust management minimum actions	4.5.3.1	Communication with local residents, providing specific information on construction activities which may impact the local area	✓	Records of Community Communication.	Communcations Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327866">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327866</a>
		4.5.3.2	Identify specific dust control measures that will be available on site and document within the CEMP. These may include the use of water carts, sprinklers, soil binding agents and avoiding dust raising activity during periods of high winds.	✓	Dustex and hydromulch applied to batters and haul roads. Water trucks on site, and speed limits apply across the site.	Water Cart: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917</a>
		4.5.3.3	Plan construction to minimise the potential for airborne dust	✓	Water trucks on site, and speed limits apply across the site. Evidence: \	
		4.5.3.4	Vehicle movement to be minimised and to remain on designated tracks and maintain appropriate speed to minimise dust generation	✓	Haulage routes and LV tracks identified in TMP and prestart board. Site speed limit is 30kmph.	Traffic MP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202320441">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202320441</a> TMP Approval: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202322475">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202322475</a>
		4.5.3.5	Stabilise soil stockpiles to prevent erosion and dust emission	✓	Dustex and hydromulch applied to batters and haul roads. Water trucks on site, and speed limits within dusty areas	Water Cart: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917</a>
		4.5.3.6	Dust producing activities to be suspended immediately if dust suppression measures prove ineffective	✓	Controls have been effective to date. Project has realtime dust monitor at 144 Neaves Rd	Dust Monitoring Results: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202780460">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202780460</a>
4.5.4 Monitoring and Reporting	Table 22: Minimum dust management monitoring	4.5.4.1	Monitor daily weather conditions prior to the commencement of work to determine the potential for dust generation	✓	Daily conditions are included in prestart minutes everyday. Evidence: Prestart Minute (Lacro)	Dust Monitor: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327464">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327464</a>
		4.5.4.2	Visual inspections of dust suppression activities and soil stockpile stability	✓	Undertaken by site supervisors. Water Carts stabilise stockpiles	Water Cart: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323917</a>

	requirements	4.5.4.3	Monitor airborne dust levels and evaluate control measure efficiency	✓		
		4.5.4.4	Maintain a register of any non-conformances or public complaints and provide the register to Water Corporation	✓	No dust complaints to date	
<b>4.6 Noise and Vibration</b>						
4.6.2 Objectives	Ensure that activities do not unreasonably affect the amenity of surrounding landowners		100% compliance with Section 4 of AS 2436- 2010	✓	On track.	
			Noise not exceeding guidelines stipulated in <i>Environmental Protection (Noise) Regulations 1997</i>	✓	No exceedances of noise registered to date.	
			Construction activities do not extend beyond stipulated and accepted work hours	✓	Work hours are 7-19hr Mon-Fri, 7-17hr Sat.	
			No substantiated noise related complaints	✓	No noise complaints received to date.	
4.6.3 Controls	Table 25: Noise and vibration management minimum actions	4.6.3.1	Regular communication with local residents, providing specific information on construction activities which may impact the local area	✓	Notification register to local residents.	Communcations Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327866">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327866</a>
		4.6.3.2	Install signs that provide a contact number for complaints.	✓	Check for signage with contact number.	Signage: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327465">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327465</a>
		4.6.3.3	Nominate the equipment types and expected noise emissions for construction activities and how works will be conducted in accordance with Section 4 of AS 2436-2010.	N/A	TBC during inspection.	
		4.6.3.4	Identify appropriate noise and vibration mitigation strategies to minimise impacts on residents and fauna. Document strategies within the CEMP, and implement them during works.	✓	Documented in Construction Environmental Management Plan (Rev 4) section Appendix A4 – Noise and Vibration Sub-Management Plan	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.6.3.5	Any premises which is likely to receive emissions greater than the levels prescribed in the Environmental Protection (Noise) Regulations must be notified at least 24 hours before the commencement of works.	N/A	Water Corporation responsibility	
		4.6.3.6	Work is to be limited to between 0700 and 1900h Monday to Saturday.	✓	Work hours are 0700-1900hr Mon-Fri, 0700-1700hr Sat.	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.6.3.7	Where possible, no truck associated with the work should be left standing with its engine operating in a street adjacent to a residential area (some vehicles such as concrete trucks are required to leave engines running however, they should not be located in residential areas).	✓	On track. None observed during the audit	
		4.6.3.8	All mechanical plant is to be silenced by the best practical means using current technology. Mechanical plant, including noise-suppression devices, shall be maintained to the manufacturer's specifications. Internal combustion engines are to be fitted with a suitable muffler in good repair. Fit all pneumatic tools operated near a residential area with an effective silencer on their air exhaust port. Turn off plant when not being used.	✓	Plant is maintained and records kept up to date on the plant register. Evidence: Plant Compliance Checklist Register	Plant Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202129641</a> Plant (Truck) evidence: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202127902</a>
		4.6.3.9	A noise management plan is to be developed detailing: - The work that is required to be completed and the reason for the work to be completed outside of construction working hours - Predicted noise levels associated with these works - The types and duration of activities that may result in noise above the prescribed levels - Controls measures to be implemented to minimise noise and vibration - The monitoring requirements - The complaint response procedure.	✓	Documented in Construction Environmental Management Plan (Rev 4) section Appendix A4 – Noise and Vibration Sub-Management Plan	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.6.3.10	The noise management plan is to be submitted to the Water Corporation at least 30 days prior to the commencement of works.	✓	Documented in Construction Environmental Management Plan (Rev 4) section Appendix A4 – Noise and Vibration Sub-Management Plan approved by WC in	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
	Table 25: Noise and vibration management minimum actions After hours construction requirements (if applicable)	4.6.3.11	The Noise Management Plan is to be submitted to the relevant authority to allow approval to be issued at least 7 days prior to the commencement of works.	N/A	Not applicable to this scope of the project. Required for operation of desalination plant.	
		4.6.3.12	Any premises which is likely to receive emissions greater than the levels prescribed in the Environmental Protection (Noise) Regulations must be notified at least 24 hours before the commencement of works.	N/A	Distance to sensitive receptor is >2km	
4.6.4 Monitoring and Reporting	Table 26: Noise and vibration management minimum monitoring	4.6.4.1	Monitor noise and vibration emissions using appropriate equipment	N/A	No complaints received and no high impact works to sensitive locations to date, therefore no monitoring has been undertaken to date	
	Table 27: Noise and vibration management minimum reporting requirements	4.6.4.2	Maintain a register of any non-conformances or public complaints and provide the register to Water Corporation	✓	Community complaints registered through <i>Consultation Manager</i> platform. WC has access.	
<b>4.7 Fire</b>						
4.7.2 Objectives	Ensure that Fire risk is reduced as much as is reasonably practicable.		No injuries or fatalities from fire	✓	No fire incidents to date	
			No impact to infrastructure from fire	✓	No fire incidents to date	
		4.7.3.1	Upgrade all existing tracks at SDP site to a standard suitable for First Attack Fire Appliances	N/A	Water Corporation responsibility	
		4.7.3.2	Maintain permanent safe access and egress from site SDP site	✓	Not relevant to pipeline SoW	Traffic MP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202320441">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202320441</a> TMP Approval: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202322475">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202322475</a>
		4.7.3.3	Maintain security grade lockable access gates where the fire tracks traverse the fence lines	N/A	Water Corporation responsibility	
		4.7.3.4	Provide DFES with access to the gates	✓	Access gate is manned but can be bypassed in an emergency scenario	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202329205">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202329205</a>
		4.7.3.5	Temporary fencing on the boundary of Lot 3000 will be installed	N/A	Not relevant to pipeline SoW	

4.7.3 Controls	Table 29: Fire management minimum actions	4.7.3.6	Install temporary signage identifying private property, conservation areas and trespass prohibition of appropriate wording, size and standard at 500m spacing along the temporary fence lines of Lot 3000	N/A	Not relevant to pipeline SoW	
		4.7.3.7	Install and maintain signage identifying construction works and contact details at 500m spacing along temporary hard fencing areas (as required in Section 4.4).	✓	Signage in place with contact number.	Signage: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327465">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327465</a>
		4.7.3.8	Have current fire danger signage at site office which is updated daily based on check of DFES website and communicated to contractors during daily pre-start meetings	✓	On track. Fire Rating sign being procured for bush fire season (not currently in fire ban period).	
		4.7.3.9	Prepare a bushfire evacuation plan including a map showing assembly points, a list of fire wardens on site (or responsible staff in the event of a fire), and contact details for fire fighting services.	✓	Project has emergency response plan and emergency evacuation plan detailing fire response and muster points. Documented in Construction Environmental Management Plan (Rev 4) section 1.3 Construction Incident and Emergency Response Plan	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326040">APA- Site Emergency Contacts and Evacuation Plan</a>
		4.7.3.10	A Safety Officer will be designated for each construction area and it will be a part of their role to identify and rectify potential fire hazards. Construction staff will report potential fire hazards to the Safety Officer.	✓	All project personnel have duty of care to report potential fire hazards	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326040">APA- Site Emergency Contacts and Evacuation Plan</a>
		4.7.3.11	The lighting and smoking of cigarettes will be prohibited except in designated cleared areas and immediately outside of site buildings.	OFI	A designated smoking area is in place but needs appropriate bin as close to vegetation <b>Action:</b> Install suitable butt-out bins in smoking areas	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328678">Designated Smoking Area:</a>
		4.7.3.12	Cleared vegetation from the construction area will not be burned.	N/A	No burning of vegetation has occurred	
		4.7.3.13	Dry chemical or carbon dioxide fire extinguishers will be located in close proximity to all cutting, grinding or welding (or any other spark generating activity).	N/A	No hot works areas or works to date	
		4.7.3.14	Dry chemical or carbon dioxide fire extinguishers will be located in close proximity to all cutting, grinding or welding (or any other spark generating activity).	N/A	No hot works areas or works to date	
		4.7.3.15	A shroud will be installed if cutting, grinding or welding (or any other spark generating activity) occurs within 5m of vegetation/dry grasses. The shroud will be installed between the activity and the vegetation to capture sparks.	N/A	No hot works or grinding works to date	
		4.7.3.16	Flammable liquids and materials (including explosives) will only be stored in designated areas fitted with a dry chemical or carbon dioxide fire extinguisher.	✓	On track. Chemical stored at Old Yanchep Rd only.	Chem Storage Container: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682</a> Fire extinguisher: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323424">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323424</a>
		4.7.3.17	On the advice of FESA, construction work that may present a high risk of ignition (e.g. cutting, grinding or welding) may be temporarily terminated on days declared to have a "very high" or "extreme" fire danger and if there are a number of fires in close proximity in order to avoid the potential for further depletion of fire fighting resources.	N/A	No burning of vegetation has occurred	
		4.7.3.18	It will be ensured that all construction vehicles will be fitted with a dry chemical or carbon dioxide fire extinguisher	✓	Checked via plant compliance checklist. Checked for Izuzu truck (1EGK619)	Plant Checklist: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323934">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323934</a>
		4.7.3.19	There will be daily inspections of all construction vehicles to remove combustible material from radiators, tracks, guards and undercarriages.	✓	On track. "Prestart" reporting via Lacroo.	
4.7.3.20	It will be ensured that construction vehicles are inspected and serviced to prevent or repair oil and fuel leaks prior to the start of construction works, and then inspected monthly.	✓	Checked via plant compliance checklist. Checked for Izuzu truck (1EGK619)	Plant Checklist: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323934">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323934</a>		
4.7.4 Monitoring and Reporting	Table 30: Fire management minimum monitoring requirements	4.7.4.1	Inspect and repair/replace all fences and signage quarterly	✓	On track. Fencing inspected as part of weekly enviro inspection.	
		4.7.4.2	Inspect and repair gates quarterly	N/A	No permanent gates	
		4.7.4.3	Conduct ad hoc security patrols on the roads and tracks	✓	Permanent security monitors main access gate to control access to site.	
		4.7.4.4	Report evidence of unauthorised access to Water Corporation within 24 hours of identification of incident	✓	On Track. Reported through beakon as an Incident distributed to all APA inc WC representative. None to date	
		4.7.4.5	Report and act upon damage to fences, signage and vegetation in conservation areas from such unauthorised access	✓	On track. No damaged fencing to date.	
<b>4.8 Aboriginal Heritage</b>						
4.8.2 Objective	Prevent impacts on items or places of heritage value		No damage to heritage areas/items	✓	No damage reported to date	
4.8.3 Controls	Table 33: Aboriginal Heritage minimum actions	4.8.3.1	A Cultural Monitor will be employed in consultation with the relevant Whadjuk Noongar business groups (as advised by Water Corporation) to monitor initial ground disturbing activities at any registered Aboriginal heritage site identified. The Cultural Monitor will be paid at a rate in accordance with The Water Corporations policies for Cultural Monitors. The Cultural Monitor will monitor initial ground disturbing activities to: - detect the presence of archaeological material of heritage significance. - detect human skeletal material. - advise on minimisation of construction impacts on heritage values	✓	Cultural Monitor on site for all ground disturbing works. Register of Archaeological Finds maintained	Register of Archaeological Finds: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849</a>
		4.8.3.2	Shade, water and personal protective equipment (hard hat, safety glasses, noise (ear) protection and high visibility vest) will be provided to the Cultural Monitor. The Cultural Monitor will be responsible for personal transport to the construction areas.	✓	PPEs (inc embroidered hi vis), shade, regular breaks and water is provided to monitors daily.	
		4.8.3.3	Construction works will be undertaken in the absence of the Cultural Monitor if for any reason the arranged Cultural Monitor does not attend the site. A replacement Cultural Monitor will be sort as soon as reasonably practicable following the absence if future attendance at the construction works by the Cultural Monitor is unlikely.	✓	Monitors have been on site and have access to site at all times	
		4.8.3.4	Construction works will cease as soon as practicable within a nominal 20 metres of any archaeological material (artefacts including hunting tools, scatters, scar trees) identified within the construction area. An archaeologist will be engaged to record the identified material and to advise the DPLH if the identified material is likely to be of Aboriginal heritage significance. Construction activities within 20 metres of the identified material will only recommence based on advice of the archaeologist or the DPLH.	✓	Cultural Monitor on site for all ground disturbing works. Register of Archaeological Finds maintained. Unexpected find procedure followed up until received archaeologist clearance.	Register of Archaeological Finds: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849</a>
		4.8.3.5	Construction works will cease as soon as practicable within a nominal 20 metres of any skeletal material identified within the construction area. The Police (Phone 131 444) will be contacted to attend and determine a resolution of the matter. Construction activities will only recommence within 20 metres of the identified material on the direction of the Superintendent based on advice of the Police	✓	No skeletal material found to date. Bones found from deceased fauna as per archaeological report.	Register of Archaeological Finds: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326849</a>

		4.8.3.6	Any dispute between the Cultural Monitor and site construction personnel will be resolved on advice from the Water Corporation's Manager of the Aboriginal Heritage and Native Title section.	✓	No disputes to date	
<b>4.9 Contaminated Sites, Acid Sulfate Soils and Dewatering</b>						
4.9.2 Objectives	Prevent the spread of contaminants within the DEs		No proliferation of contaminants as a result of any construction activity	✓	No proliferation of contaminants as a result of any construction activity recorded to date	ASS Management Plan (Appendix B): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
			All contaminated soil treated or disposed of in accordance with best practice guidelines and an Asbestos Management Plan / Hazardous Waste Management Plan	✓	See item 217	
			All soil suspected or identified to be ASS shall be treated and disposed of in accordance with best practice guidelines and an ASS Management Plan	✓	See item 217	
	Maximise beneficial re-use of soil to enable successful revegetation.		100% of native topsoil re-used	✓	Not applicable at this stage	
	Prevent acidification of land or water resulting from the disturbance of ASS		100% compliance with Asbestos, ASS and Dewatering Management Plans	✓	Works are being undertaken in accordance with the management plan.	
			All ASS or PASS identified and effectively treated prior to re-use	OFI	Records are located in various locations no single register to track initial and post sampling results <b>Action:</b> Implement a separate ASS treatment and tracking register	ASS Tracking: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141</a>
	Obtain a Dewatering licence from DWER		100% compliance with the conditions of the licence	✓	No breaches of licence conditions to date	
	Prevent impacts to surrounding beneficial uses of ground/surface water		No substantial interruption to supply or quality of nearby water sources	✓	No complaints of substantial interruption to supply or quality of nearby water sources to date	
	Prevent impacts to vegetation resulting from groundwater drawdown		No decline in vegetation health resulting from groundwater drawdown	✓	DMP (Appendix C) CEMP. section 5.1 GDE states impacts to GDEs not anticipated Dewatering from excavations no longer than 3 weeks and infiltrated adjacent to trench, low risk of impacts to veg	
			No exceedance of groundwater drawdown limits	✓	Monitored by field monitoring and entered into tracking register	APA - Construction Water Use Register <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537</a>
Prevent impacts to the quality of surface and groundwater		No uncontrolled discharge	✓	On Track. Dewatering Discharge point tracked.	APA - Construction Water Use Register <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537</a>	
4.9.3 Controls	Table 37: Contamination management minimum actions	4.9.3.1	Obtain a dewatering licence through DWER	✓	Groundwater Licences in place	DWER GW Licences: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202333377">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202333377</a>
		4.9.3.2	Document conditions of dewatering licence within ASS and Dewatering Management Plan	✓	Entered and tracked in EMP-CEMP Conditions and Monitoring Register	<a href="https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209">EMP-CEMP Conditions and Monitoring Register: https://nexus.watercorporation.com.au/otcs/cs.exe/link/202135209</a>
		4.9.3.3	Further develop and adhere to site-specific ASS and Dewatering Management Plan	✓	On track.	ASS Management Plan (Appendix B): <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.9.3.4	For the pipeline construction in shallow groundwater areas, excavation lengths are to be limited to 50m and are to be open for two to three weeks. Disposal of treated groundwater shall be via irrigation within 50 m of the dewatering location, where there are no engineering or site constraints (lack of suitable land to establish re-inflation trenches or ponds).	✓	On Track. Dewatering Discharge point tracked.	APA - Construction Water Use Register <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328537</a>
		4.9.3.5	Develop and adhere to Asbestos Management Plan	✓	On track. WHS (HSE) MP with asbestos section. CEMP Appendix A11 Asbestos Management Sub-Plan & A10 Waste Management Sub-Plan Asbestos disposal	CEMP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.9.3.6	All staff and Contractors involved in earthwork activities will be inducted on the potential impacts relating to ASS, dewatering and Contaminated Sites.	✓	On track. Toolbox on ASS conducted prior to excavation 26/08/2025 for white collar and 04/09/2025 & 03/09/2025 for blue collar (pre-start)	Toolbox: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202335284">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202335284</a>
		4.9.3.7	Contaminated sites to be identified within the DEs and clearly demarcated	✓	On track. Dieback, weeds, ASS.	
		4.9.3.8	If suspected asbestos is observed during works, an 'Unexpected Finds Protocol' shall be enacted, as directed by the Asbestos Management Plan	✓	Asbestos found on site at Wesco Rd and Adams Rd, protocol in place.	Asbestos Finds Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327898">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327898</a>
		4.9.3.9	Accurate stockpiling of soil to distinguish contaminated soil from non-contaminated soil	OFI	ASS sampling and Laboratory results are being completed, however no single/ accurate register that tracks sampling results from initial and post treatment sampling <b>Action:</b> Implement a separate ASS treatment and tracking register	ASS Tracking: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141</a>
		4.9.3.10	Clearly defined stockpiles will be created during excavation and earthworks	✓	On track. Stockpiles signposted.	ASS Tracking: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328141</a>
		4.9.3.11	Apply appropriate treatment or disposal techniques for contaminated soil	✓	On track. Asbestos found on site at Wesco Rd on Adams Rd during September. APA currently engaging with subcontractor for removal - not yet removed	Asbestos Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327898">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327898</a>
		4.9.3.12	Safely contain hazardous waste and prevent exposure of harmful substances (such as asbestos) to personnel or the public through correct handling and disposal	✓	On track. Asbestos found on site at Wesco Rd on Adams Rd during September. APA currently engaging with subcontractor for removal - not yet removed	
		4.9.3.13	Minimise changes to groundwater levels by adopting construction methods that minimise impacts	✓	Construction methods include limiting trench dewatering length to 100m	Trench and Dewatering spears: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202380515">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202380515</a>

		4.9.3.14	Conduct testing of groundwater to determine levels of metals, nutrients and other components	✓	Engaged SGS for Laboratory Testing for construction water. DWS Providing testing for dewatering and monitoring bores.	Sampling Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327435">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202327435</a>
4.9.4 Monitoring and Reporting	Table 38: Contamination management minimum monitoring requirements	4.9.4.1	Maintain records of treatment or disposal of contaminated soil	✓	On track. No disposal (contaminated material or spoil) recorded to date.	
		4.9.4.2	Establish baseline water level and quality	✓	<a href="#">Water Quality - Pre and Post treatment effluent</a>	
		4.9.4.3	Conduct monitoring to confirm the effectiveness of the applied measures as detailed in the site-specific ASS and Dewatering Management Plan. Identify and implement contingency measures to restore groundwater to an acceptable level.	✓	On track.	
	Table 39: Contamination management minimum reporting requirements	4.9.4.4	Report on the treatment or disposal of contaminated soil	✓	On track. Not applicable at this stage. No ASS treatment validation results received yet, first batch of results due 26/09/2025	
		4.9.4.5	Results of ASS monitoring and analysis to be provided to Water Corporation for review then forwarded to DWER as per conditions of dewatering licence	✓	On track. Not applicable at this stage. No ASS treatment validation results received yet, first batch of results due 26/09/2025	
		4.9.4.6	Report on the hydrology monitoring results, including water quality and the volume, rate, and duration of dewatering	✓	On track.	
<b>4.10 Flushing</b>						
4.10.2 Objectives	Prevent leaks of chlorinated water to land, surface water or		No uncontrolled spills of chlorinated water	N/A	No flushing works to date	
			No disposal of hyper-chlorinated water without prior treatment	N/A	Not applicable at this stage	
	Prevent the contamination of water or soils as a result of commissioning works		Chlorinated water to be discharged safely and as specified in a site-specific CEMP	N/A	Not applicable at this stage	
4.10.3 Controls	Table 41: Flushing management minimum actions	4.10.3.1	Ensure all approvals and licences are obtained prior to the discharge of chlorinated water used in the flushing of pipes (including liaison with DBCA prior to disposal to any wetland areas)	N/A	Not applicable at this stage	
		4.10.3.2	All conditions of the dewatering licence shall be adhered to during the flushing process, including the implementation of a Dewatering Management Plan	N/A	Not applicable at this stage	
		4.10.3.3	Ensure discharge of chlorine-treated water is directed to an identified and approved discharge location/system	N/A	Not applicable at this stage	
4.10.4 Monitoring and Reporting	Table 42: Flushing activities minimum monitoring requirements	4.10.4.1	Monitor chlorine concentration in water during flushing and discharge	N/A	Not applicable at this stage	
		Table 43: Flushing activities minimum	4.10.4.2	Reporting of commissioning and monitoring results	N/A	Not applicable at this stage
		4.10.4.3	Reporting of discharge spills	N/A	Not applicable at this stage	
<b>4.11 Chemical Use (or other activities that may cause contamination)</b>						
4.11.2 Objectives	Prevent impacts to land, surface water or ground water resulting from chemical storage or use.		100% adherence to Safety Data Sheet information for each chemical used	✓	SDS adhered to.	
			No uncontrolled spills of dangerous goods or hazardous substances.	✓	Minor spills reported only to date. All contaminated material stored in hazardous container.	Spill Tracking Sheet: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316</a> Contained Soil: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918</a>
4.11.3 Controls	Table 45: Chemical use minimum actions	4.11.3.1	All chemicals are to be stored in accordance with relevant Australian standards, including: - AS1940: The Storage and Handling of Flammable and Combustible Liquids - AS3780 The Storage and Handling of Corrosive Substances	✓	Flammable material stored within designated and self-bunded chemical container with fire extinguisher. Bulk diesel storage tank also has fire extinguisher adjacent to tank.	Chem Storage Container: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682</a> Refuelling Area: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328682</a>
		4.11.3.2	Identify all additives that will be used and demonstrate their suitability and safe use procedures	✓	Documented in Construction Environmental Management Plan (Rev 4) Appendix A9 - Hydrocarbon and Chemical Management Sub Plan	CEMP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.11.3.3	Each operator using a given chemical to read and fully understand the Safety Data Sheet	✓	Documented in Construction Environmental Management Plan (Rev 4) Appendix A9 - Hydrocarbon and Chemical Management Sub Plan	CEMP: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/200154133</a>
		4.11.3.4	Spill kits are to be readily available at chemical storage locations and during maintenance, refuelling or transfer of chemicals.	✓	Spill kits available at refuelling area, chemical container and generators. Evidence: Photos of spill kits	Refuelling Area Spill kit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431</a> Truck Spill Tray: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713</a>
		4.11.3.5	All refuelling and servicing of plant, vehicles and equipment is to occur on a bunded area at least 100 m from any National Park, State Forest, TEC, PEC, Bush Forever Sites waterway or wetland	✓	Refuelling/ maintenance undertaken in refuelling area >100m from areas identified. Refuelling truck uses spill tray	Refuelling Area Spill kit: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431</a> Truck Spill Tray: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713</a>
		4.11.3.6	All on-site maintenance of plant, equipment and vehicles must be in designated, bunded areas.		Refuelling/ maintenance undertaken in refuelling area >100m from areas identified. Refuelling truck uses spill tray	Refuelling Area: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431</a> Truck Spill Tray: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713</a>
		4.11.3.7	No chemical storage, transfer or handling to occur in areas within 50 m of sensitive areas such as a National Park, State Forest, TEC, PEC, ESA, Bush Forever sites, or a surface water feature, including wetlands, damp lands and drainage lines	✓	Chemical storage at Old Yanchep Rd Site	Refuelling Area: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337431</a> Truck Spill Tray: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202328713</a>
		4.11.3.8	The contractor to record all spills and the management of the spill in a register maintained on site	✓	Reported through Beakon and registered in STSh	Spill Tracking Sheet: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316</a> Contained Soil: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918</a>

4.11.4 Monitoring and Reporting	Table 46: Chemical use monitoring requirements	4.11.4.1	Inspect project area for spills during clearing and construction	✓	Part of weekly enviro inspection. Site induction requires all spills to be reported.	Spill Tracking Sheet: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202321316</a> Contained Soil: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918</a> Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>
	Table 47: Chemical use reporting requirements	4.11.4.2	The contractor to report all spills within 24 hours to Water Corporation; and detail the spill response/management	✓	3 report only spills to date all reported within required timeframes Example for 19/9/2025 viewed	Spill Notification: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202340010">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202340010</a>
<b>4.12 Greenhouse Gas Emissions</b>						
4.12.2 Objectives	Maintain emissions and carbon footprint to as low as practically possible		100% compliance with the approved GHG Management Plan.	✓	Appendix A13- Greenhouse Gas Emissions Management Sub-Plan	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>
4.12.3 Controls	Table 49: Greenhouse gas emissions management minimum action	4.12.3.1	Competitive bid strategies will be used to design, build and operate the plant. This ensures world's best practice from international consortia bidding for the design and ongoing operations of the plant to maximise energy efficiency and therefore to minimise GHG emissions	N/A	Not part of APA Scope	
		4.12.3.2	All personnel to read and implement the measures identified in the Greenhouse Gas Management Plan to reduce emissions	✓	Contained in induction	Induction: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202137140</a>
		4.12.3.3	Implement sustainable design and construction methods	✓	Crib rooms have switch off lights Noise plan details controls to turn off plant and reduce use	
		4.12.3.4	Improve energy efficiency and reduce fuel use where possible	✓	Solar energy used for site offices.	Site office solar panels: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337451">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202337451</a>
4.12.4 Monitoring and Reporting	Table 50: Greenhouse gas emissions reporting requirements		Monitor energy and fuel use	✓	Each machine/vehicle has a fuel tab to monitor fuel usage. Reported monthly in sustainability report. Evidence: Sustainability Monthly-reporting-form-	Sustainability Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323346">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323346</a>
	Table 51: Greenhouse gas emissions monitoring requirements		Report energy and fuel use to Water Corporation	✓	Reported monthly in sustainability report nexus:	Sustainability Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323346">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202323346</a>
<b>4.13 Waste Management</b>						
4.13.2 Objectives	Prevent the contamination of land		No waste outside of DE.	✓	No waste observed outside of DE during site inspection	
			All waste removed from DE at the completion of works.	N/A	Final check to be undertaken on completion of works	
	Prevent the spread of contaminated soils or substances		All contaminated material treated or disposed in accordance with an appropriate Hazardous Waste Management Plan	✓	No contaminated material removed from site. Currently stored in hazardous container awaiting disposal	Contained Soil: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918</a> Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>
Reduce the generation of waste/resource use of the project		Per cent of waste reused or recycled	✓	On track Reported via monthly sustainability report and waste register	Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>	
4.13.3 Controls	Table 53: Waste management minimum actions	4.13.3.1	Separate and clearly marked waste bins will be kept at the site office for all major waste streams including (but not limited to): - General waste - Recyclables - Steel recycling - Hydrocarbons	✓	Currently: General, CFC and Recycling segregated into metal, paper/ cardboard, general waste  Hydrocarbons bin being procured	Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>
		4.13.3.2	All waste bins on site will have securely fitted lids to prevent the attraction of fauna or movement of waste in wind/weather.	✓	All waste bins with potential wind-blown waste have secure lids. Skip bins for wood/ metal do not require lids	
		4.13.3.3	Provide secure toilet facilities located in an appropriate position which prevents any potential spills from being detrimental to the environment	✓	Toilets are located on hardstand area away from the environment	Site Toilets: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202383919">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202383919</a>
		4.13.3.4	Remove all general waste from site, and dispose of to suitable landfill facility, as often is required to prevent overflow of waste receptacles.	✓	Waste removed as required, volumes reported monthly in sustainability report	Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>
		4.13.3.5	Safely contain hazardous/controlled waste and prevent exposure of harmful substances to personnel or the public through correct handling and disposal	✓	No contaminated material removed from site. Currently stored in hazardous container awaiting disposal	Contained Soil: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202326918</a> Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>
		4.13.3.6	Hydrocarbon waste to be disposed of to a Controlled Waste Contractor licensed under the Environmental Protection (Controlled Waste) Regulations 2004 (WA);	✓	No hydrocarbon waste removed to date	
		4.13.3.7	Wastes, other than excess overburden excluding spoil) will not be buried on any construction site.	✓	No buried waste to date	
		4.13.3.8	All wastes will be removed from all construction sites following the completion of construction works	N/A	Not applicable at this stage.	
		4.13.3.9	Excess overburden produced from trench excavation will be disposed of to: a. the excavated trench. b. a suitable location agreed with the Landowner (the Landowner has first preference to retain excess overburden from their own property), c. a suitable location agreed with adjacent landowners (with preference to Landowners on the pipeline route). d. a local landfill as inert waste. Other suitable sites for disposal of excess overburden may be identified by the contractor but shall be approved by Water Corporation. Disposal of	✓	No excess overburden to date	
4.13.4 Monitoring and Reporting	Table 54: Waste management monitoring		Schedule regular site waste inspections and clean ups	✓	Included in weekly enviro inspection	
			Maintain a log of waste disposal (type, volume, disposal method and location) and all controlled waste disposal tracking records	✓	Waste removed as required, volumes reported monthly in sustainability report and waste register	Waste Register: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202384269</a>
	Table 55: Waste management reporting requirements		Provide records of the disposal of all controlled wastes to Water Corporation	✓	No controlled waste records requested to date	

4.14 Reinstatement and Revegetation						
4.14.2 Objectives	No change to pre-construction condition of landscape		Achieve stabilisation and minimise erosion and sedimentation	N/A	Not part of APA Scope	
			Support the pre-existing land use in areas not required to remain cleared	N/A	Not part of APA scope	
			Restore disturbed soil profiles and landforms to pre-existing contours	N/A	Not part of APA scope	
	Revegetation of cleared areas of native vegetation (including dune vegetation) to a condition that supports a self-sustaining plant		Revegetation of all temporarily cleared areas	N/A	Not part of APA scope	
			Success criteria in Revegetation Plan achieved	N/A	Not part of APA scope	
4.14.3 Controls	Table 57: Reinstatement and revegetation controls	4.14.3.1	Cleared vegetation from within Conservation areas (as listed in 4.4) to be mulched and stockpiled, and soil to be stockpiled separately	✓		Mulch and Topsoil Stockpiles: <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202150956">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/202150956</a>
		4.14.3.2	Areas to be revegetated shall be reshaped and compacted, following backfill of excavations, so that the gradient of the landscape is consistent with that of the surrounding landscape and to minimise erosion, with slopes not exceeding 10 degrees.	N/A	Not part of APA scope	
		4.14.3.3	Compacted areas shall be ripped and scarified along the contour to alleviate soil compaction that may limit the growth of vegetation, to a depth of no greater than 300 – 500 mm or as determined to be suitable by the Contractor undertaking revegetation works	N/A	Not part of APA scope	
		4.14.3.4	After backfilling, compacting and ripping, topsoil is to be spread over the area it was sourced from, followed by mulch.	N/A	Not part of APA scope	
		4.14.3.5	Herbicide shall be strategically applied if weeds germinate within topsoil stockpiles or re-spread areas prior to implementation of revegetation (selected herbicide is to be approved by Water Corporation prior to use)	N/A	Not part of APA scope	
		4.14.3.6	Any logs, branches and rocks that may be available shall be spread throughout the revegetation area in order to minimise erosion and increase availability of fauna habitat and provide microhabitats for seed lodgement and germination	N/A	Not part of APA scope	
		4.14.3.7	Implementation of ongoing weed, pest and disease hygiene controls, as per Section 4.2.	N/A	Not part of APA scope	
		4.14.3.8	Hygiene controls, as per Section 4.2. Contractor During and post construction 4.14.3.8 Implementation of Tranen's Revegetation Plan for the SDP site, and pipeline where appropriate: - Timing: Post autumn rain following completion of construction - Method: Direct seeding and seedling planting	N/A	Not part of APA scope	
4.14.4 Monitoring and Reporting	Table 58: Minimum reinstatement and revegetation monitoring requirements	4.14.4.1	Environmental inspections of revegetation works.	N/A	Not part of APA scope	
	Table 59: Minimum reinstatement and revegetation reporting requirements	4.14.4.2	Photographic evidence of proposed clearing area before and after clearing and revegetation.	N/A	Not part of APA scope	

## Appendix 2: Audit of Alkimos Water Precinct Environmental Management Plan

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204900590>

#	Action	Monitoring	Timing	Adaptive Management	Compliance Status (C, NC, OFI, N/A)	Comment/ Observations
<b>Vegetation Management</b>						
V1	Prior to clearing all relevant permit and approvals shall be reviewed and any clearing requirements identified and communicated to Contractors and site boundaries demarcated.	Aerial imagery audit.	Annual	- Coordinate meeting with Operations and Projects Teams to educate on clearing requirements. - Investigate revegetation measures. - Implement additional measures on site to prevent access (fencing)	C	Site walkthrough completed for pre-clearing walkthrough. Requirements are communicated through Safe Work Method Statements (SWMS) and prestart. Evidence: Safe Work Method Statement - Clearing & Grubbing - Georgiou ASDP.pdf (Nexus: 167403878), Prestart meeting pre clearing.pdf (Nexus: 167398813)
V2	All site visitors and contractors advised of protections to vegetation outside cleared areas.	Confirm inclusion in Alkimos Water Precinct site induction	Annual	Coordinate meeting with Operations and Projects Teams to educate.	C	All workers undertake site specific induction that contains environmental risks for the project. Records are kept on Beacon. Training records checked. Site Induction Checklist.docx (Nexus: 167124588), ASDP Induction Presentation.pptx (Nexus: 167397977)
V3	Ensure equipment and machinery is clean on entry.	Dieback survey (if baseline survey identifies potential).	5-year	If dieback is identified, develop dieback management plan in accordance with DBCA advice.	C	Alkimos SDP Enabling Earthworks Weed and Dieback Survey and Dieback Management Plan developed in consultation with DBCA (refer correspondence dated 21/11/2023 Nexus: 163722762)
V4	Maintain fences to prevent unauthorised access.	Site inspections	Annual	If continued access occurs, consider more significant fencing options.	C	Site perimeter secured with temporary 1.8m high fencing, entry is managed through a manned gate. Permanent ring lock fencing has been installed around all conservation areas. Evidence: North boundary fence 1 metre buffer and flagging.jpg (Nexus: 167152118)
V5	Ensure equipment and machinery is clean on entry.	Weed survey	5-year	If weeds are identified, develop weed management plan for site.	C	Alkimos SDP Enabling Earthworks Weed and Dieback Survey and Dieback Management Plan developed in consultation with DBCA (refer correspondence dated 21/11/2023 Nexus: 163722762).  Project induction contains section on weed hygiene and dieback management. Evidence: Site Induction Checklist.docx (Nexus: 167124588), ASDP Induction Presentation.pptx (Nexus: 167397977).  All machines inspected prior to entry to site.
V6	Maintain fences to prevent unauthorised access.	Site inspections	Annual	If continued access occurs, consider more significant fencing options.	C	Site perimeter secured with temporary 1.8m high fencing, entry is managed through a manned gate and 24/7 security patrol. Permanent ring lock fencing has been installed around all conservation areas. Evidence: North boundary fence 1 metre buffer and flagging.jpg (Nexus: 167152118)
V7	Ensure any water abstraction from Water Corporation activities does not impact vegetation.	Confirmation through aerial imagery audit that no vegetation impacted	Annual	Investigate potential causes of vegetation decline and causes and investigate reduced abstraction.	C	Aerial imagery captured monthly via drone and compared to baseline/ surrounding vegetation. Weekly groundwater monitoring program of monitoring bores to monitor groundwater levels and salinity during dewatering activities.
<b>Landforms Management</b>						

L1	Prior to disturbance, approvals shall be reviewed, and any disturbance requirements identified and communicated to Contractors and site boundaries demarcated.	Aerial imagery audit	Annual	<ul style="list-style-type: none"> <li>- Coordinate meeting with Operations and Projects Teams to educate on landform requirements.</li> <li>- Investigate measures to stabilise landform.</li> <li>- Implement additional measures on site to prevent access (fencing)</li> </ul>	C	Site walkthrough completed for pre-clearing walkthrough. Requirements are communicated through Safe Work Method Statements (SWMS) and prestart. Evidence: Safe Work Method Statement - Clearing & Grubbing - Georgiou ASDP.pdf (Nexus: 167403878), Prestart meeting pre clearing.pdf (Nexus: 167398813)
L2	Maintain fences to prevent unauthorised access.	Site inspections	Annual	If continued access occurs, consider more significant fencing options.	C	Site perimeter secured with temporary 1.8m high fencing, entry is managed through a manned gate and 24/7 security patrol. Permanent ring lock fencing has been installed around all conservation areas. Evidence: North boundary fence 1 metre buffer and flagging.jpg (Nexus: 167152118)
<b>Terrestrial Fauna Management</b>						
F1	Prior to disturbance, approvals shall be reviewed, and any disturbance requirements identified and communicated to Contractors and site boundaries demarcated.	Confirmation through aerial imagery audit and authorised projects that no vegetation (fauna habitat) impacted outside	Annual	<ul style="list-style-type: none"> <li>- Coordinate meeting with Operations and Projects Teams to educate on vegetation (fauna habitat) requirements.</li> <li>- Investigate revegetation measures.</li> <li>- Implement additional measures on site to prevent access (fencing).</li> </ul>	C	Site walkthrough completed for pre-clearing walkthrough. Requirements are communicated through Safe Work Method Statements (SWMS) and prestart. Evidence: Safe Work Method Statement - Clearing & Grubbing - Georgiou ASDP.pdf (Nexus: 167403878), Prestart meeting pre clearing.pdf (Nexus: 167398813)
F2	Maintain fences to prevent unauthorised access	Site inspections	Annual	If continued access occurs, consider more significant fencing options.	C	Site perimeter secured with temporary 1.8m high fencing, entry is managed through a manned gate and 24/7 security patrol. Permanent ring lock fencing has been installed around all conservation areas. Evidence: North boundary fence 1 metre buffer and flagging.jpg (Nexus: 167152118)
F3	Enforce speed limits on roads and tracks to prevent fauna interaction.	Site inspections	Annual	If continued impacts occur, consider reducing speed limits further.	C	Site speed limit is 40 km/h and is sign-posted throughout the site.
F4	Manage firebreaks to minimise uncontrolled burns and allow for fauna egress.	Site inspections	Annual	Investigate additional firebreak options to prevent fire impacts to fauna habitat.	C	Project is within completely cleared area within fenced boundary. Firebreak maintained around project boundary
F5	Undertake pest management to minimise impacts to fauna.	Fauna Survey	Biennial	Investigate more regular pest control to isolate specific species.	C	City of Wanneroo undertakes feral animal pest control in the public areas adjacent to the project. No feral animal sightings to date.

### Appendix 3: Email Submission of Revised Offsets Strategy

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204911667>

**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Erica KUHLE](#); [Robin NIELSEN](#); [Caitlin Mcleod](#); [Fiona Rowland](#)  
**Subject:** EPBC 2019/8453 Alkimos Seawater Desalination Plant proposal - Condition 16 - Revised Approval Offsets Strategy (Rev7a)  
**Date:** Tuesday, 23 September 2025 3:03:00 PM  
**Attachments:** [image001.png](#)

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Hi Erica/ Post Approvals,

Water Corporation submitted an application on the 21 October 2024, under Section 143 of the *Environment Protection and Biodiversity Conservation Act 1999* to change the approved conditions of the **EPBC 2019/8453 Alkimos Seawater Desalination Plant** proposal. The change was approved by DCCEEW to vary the conditions of EPBC Act approval 2019/8453 under section 143(1)(c) of the EPBC Act, on 24 March 2025.

Condition 11 of EPBC 2019/8453 requires the Environmental Offsets Strategy be *“updated and submitted for approval in accordance with condition 16 within 6 months of any approved change in the residual significant impacts of the Action on protected matters”*.

Please see below link to revision 7a of the Environmental Offsets Strategy. The changes include:

- Alignment with changes to EPBC Act approval 2019/8453 amended under section 143(1)(c) of the EPBC Act, on 24 March 2025.
- Inclusion of vegetation mapping for the Neergabby offset site, based on the 2024 survey by Natural Area Holdings.

Due to size the files are available for download  [here](#)

The revisions are necessary to align the Offset Strategy with the changes to EPBC Act approval 2019/8453 amended under section 143(1)(c) of the EPBC Act, on 24 March 2025 . This amendment reflects changes to the terrestrial development envelope resulting from a revised pipeline route.

Please note the Offsets Strategy has also been submitted to the Department Water, Environment and Regulation, as required under Ministerial Statement 1207.

The proposed change does not have a new or increased adverse impact on the environment. The changes to the plan are to align the offset values to the revised impacted flora and fauna values, that were previously assessed and approved under section 143(1)(c) of the EPBC Act, on 24 March 2025.

As per condition 12, the Offset Management Plans will be submitted for approval to DCCEEW in accordance with condition 16 within 6 months of approval of a revised Environmental Offsets Strategy.

Please contact me if you have any queries.

Kind regards,

**Sean Nicholson**

Environment Specialist  
Assets Planning and Delivery  
Water Corporation

E [REDACTED]  
T [REDACTED]  
M [REDACTED]

[REDACTED]



[watercorporation.com.au](http://watercorporation.com.au)

[REDACTED]

Water Corporation acknowledges the Traditional Owners throughout Western Australia and their continuing connection to the land, water and community. We pay our respects to all members of the Aboriginal communities and their cultures and to Elders past, present and emerging.

## Appendix 4: DBCA Letter - Confirmation of Neergabby Site as Conservation Estate

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/188535463>



Department of Biodiversity,  
Conservation and Attractions



*Kristina Itošic*

*We're working for  
Western Australia.*

Our ref: 2022/001739

Enquiries: John Stevenson

Phone: [REDACTED]

Email: [REDACTED]

Chief Financial Officer  
Water Corporation  
John Tonkin Water Centre  
629 Newcastle Street  
Leederville WA 6007

Dear Mr Page

#### **Confirmation of Prior Acceptance of Offset Sites for Management as Conservation Estate**

I refer to the previous discussions between the Department of Biodiversity, Conservation and Attractions (DBCA) and the Water Corporation in respect of the Corporation's requirement for environmental offset properties associated with the State and Commonwealth environmental assessment processes for the proposed Alkimos Seawater Desalination Plant and Pipeline project (EPA Assessment No. 2210 & EPBC 2019/8453).

To assist the Water Corporation in formulating an offset strategy for this project, I confirm that the DBCA is agreeable to making the below listed properties available to the Water Corporation for such purposes.

1. Lot M1934 Gingin Brook Road Neergabby 6503  
(Lot M1934 on Diagram 12689 CT:1093/257)
2. Lot 201 Gingin Brook Road Neergabby 6503  
(Lot 201 on Deposited Plan 424224 CT: 4035/229)

I confirm that the DBCA has already endorsed and internally approved the above two freehold properties for addition to the State of WA Conservation Estate and or the Comprehensive, Adequate and Representative (CAR) Reserve System. The properties are currently held in the name of the State of WA in freehold title and are in the administrative process of conversion to Reserve status under DBCA management into perpetuity.

The properties were recently acquired by the DBCA for the purposes of utilization by third party proponents for future environmental offset needs. I confirm that neither property has been previously allocated to another offset proponent nor project.

The properties are to be made available to the Water Corporation on the basis that the Corporation will reimburse the DBCA for the full acquisition costs, the full costs incurred by the DBCA from third party suppliers utilized in the acquisition process and the DBCA internal project management costs associated with the acquisition processes. DBCA Invoices for all such costs have already been forwarded to the Water Corporation.

The Water Corporation will need to satisfy itself in respect of its own due diligence investigations for each property.

As a DBCA condition of this property allocation, the Water Corporation will be required to enter into negotiations and agreement with the DBCA in respect of the Establish and Ongoing Land Management Budget for each site. The budget term is envisaged to be 20 years, unless otherwise agreed by the approving authorities. The DBCA envisages the agreement and execution of a Memorandum of Understanding (MOU) between the DBCA and Water Corporation to give effect to this allocation condition.

Any proposed rehabilitation / revegetation works undertaken by the Water Corporation will be done so on the basis that the Water Corporation bears the full cost and liability of such activities. The DBCA broadly consents to allowing the Water Corporation and or its specialist consultants / contractors reasonable access to the rehabilitation site to undertake works. Disturbance of the remaining portions of DBCA managed lands shall be minimized by the Water Corporation.

However, the DBCA will not provide an assessment of whether the properties satisfy the Water Corporation's offset responsibilities and acknowledge that any such assessment will be determined independently by the State Department of Water and Environmental Regulation (DWER) under the provisions of the *Environmental Protection Act 1986* (the EPA Act) and the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW) under the provisions of the *Environmental Protection and Biodiversity Conservation Act 1999* (the EPBC Act).

Should you require any additional assistance in this matter, please contact DBCA's Senior Land Acquisition Officer, Mr John Stevenson via email at [REDACTED]

Yours Sincerely



**Ms Nicola Mincham**  
Land Services Coordinator  
Land Services Unit  
Aboriginal Engagement, Planning and Lands Branch

23 April 2024

## Appendix 5: Submission of Revised Environmental Management Plans

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204926970>

From: Mitchell HODGSON  
To: Sean Nicholson  
Cc: Regan HART; Robin NIELSEN; Jenny EVANS; Fiona Rowland  
Subject: RE: EPBC 2019/8453 Revised Environmental Management Plans [SEC-OFFICIAL]  
Date: Tuesday 22 April 2025 1:00:58 PM  
Attachments: [image008.png](#)  
[image009.png](#)  
[image010.png](#)  
[image011.png](#)  
[image012.png](#)  
[image013.png](#)  
[image014\\_1.png](#)  
[image015.jpg](#)

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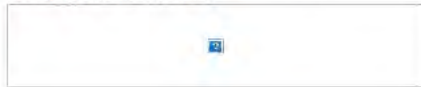
OFFICIAL

Hi Sean,

Thanks for this submission. We have no further issues. Please ensure the plan is published once you implement.

Kind Regards,

**Mitchell Hodgson**  
Assessment Officer  
Nature Positive Regulation Division | Environmental Assessments Vic & Tas & Post Approvals Branch | Post Approvals (WA, SA & NT) Section  
Ngunnawal Country, John Gorton Building, GPO Box 3090, ACT 2601  
Department of Climate Change, Energy, the Environment and Water  
P: [REDACTED] | [REDACTED]  
DCCEEW.gov.au | ABN 63 573 932 849



OFFICIAL

From: Sean Nicholson [REDACTED]  
Sent: Friday 11 April 2025 5:19 PM  
To: Mitchell HODGSON [REDACTED]  
Cc: Regan HART [REDACTED]; Robin NIELSEN [REDACTED]; Jenny EVANS [REDACTED]; Fiona Rowland [REDACTED]  
Subject: RE: EPBC 2019/8453 Revised Environmental Management Plans [SEC-OFFICIAL]

OFFICIAL

Hi Mitchell,

Please see below link to the updated management plans (file size is too large to send directly). I've also added my comments into your table below. If you have any further comments I'm happy to discuss over the phone.

[DCCEEW Resubmitted TCAMP and Precinct EMP](#)

Have a great weekend.

Kind regards,

Sean Nicholson  
Acting Team Leader – Approvals & Delivery North  
Assets Planning and Delivery  
Water Corporation



[watercorporation.com.au](http://watercorporation.com.au)

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From: Mitchell HODGSON [REDACTED]  
Sent: Tuesday April 8 2025 2:53 PM  
To: Sean Nicholson [REDACTED]  
Cc: [REDACTED]  
Subject: RE: EPBC 2019/8453 Revised Environmental Management Plans [SEC-OFFICIAL]

OFFICIAL

Good afternoon Sean,

I am following up the below email that was sent on 3 April 2025. We have not heard back from Water Corporation in relation to our questions.

Please respond to the question outlined below by COB 14 April 2025 otherwise, due to this notification having a statutory timeframe of **20 business days**, the department will have to progress with a recommendation to the Minister that the TCAMP and WPEMP have a new or increased impact on MNES.

Please let me know if you have any questions and I can give you a call to discuss.

Kind regards,

**Mitchell Hodgson**  
Assessment Officer



OFFICIAL

From: Mitchell HODGSON  
 Sent: Thursday 3 April 2025 4:51 PM  
 To: Sean [REDACTED]  
 Cc: Regan HART [REDACTED]  
 Subject: EPBC 2019/8453 Revised Environmental Management Plans

Good afternoon Sean,

Thank you for submitting notifications of the revised Terrestrial Construction Action Management Plan (TCAMP) (attached) and the revised Water Precinct Environmental Management Plan WPEMP (attached) on 25 March 2025 for the Alkimos Seawater Desalination Project (EPBC 2019/8453). The department is currently reviewing both revised plans to ensure that they constitute no new or increased significant impacts on Matters of National Environmental Significance (MNES).

In our review of the submitted revised plans, we have identified several minor issues that require clarification. See Table 1 for comments on TCAMP and Table 2 for WPEMP.

**Terrestrial Construction Action Management Plan**

Comment #	Section - Page Number	DCCEEW Comment	Water Corporation Response
1	NA	Page numbers are not continuous in the revised plan. Some pages are missing page numbers in the main document.  <b>Action:</b> Please ensure the page numbers are continuous, and on all pages of the CEMP.	Page numbers updated. For better clarity maps/figures have been added post pdf processing and do not have page numbers.
2	Section 2.1	The updated timeline does not include the most recent variation to conditions that was approved on the 24 March 2025.  <b>Action:</b> Please update the timeline to provide the most recent information.	Section 2.1 updated with latest MS1207 and EPBC 2019/8453 amendments.
3	Section 4.1.1.4 (P. 2)	The text has been edited to say the following:  <i>Environmental surveys recorded a total of 203 potential black cockatoo nesting trees and an additional 19 suitable black cockatoo nesting trees are located within the DE. Of these, a total of 101 potential black cockatoo nesting trees and 6 suitable nesting trees (note, only 96 of these 101 potential nesting trees are authorised for disturbance).</i>  <b>Action:</b> Please provide clarification as to the importance of each number provided. Please correct the minor spelling error in potential.  Please also correct identical text used in Section 4.3.1 (P. 9).	Text amended to clarify the number of potential and suitable nesting trees within the DE and the number that will be disturbed as per condition 2.
4	Document Information Table (P. 2)	In the document information table, the date for revision 6 has been changed from 27th Oct 2023 to 26th Oct 2023 and not track changed.  <b>Action:</b> Please confirm the correct date and submit an appropriately track changed version if required.	Unsure how/why this date was changed (there was no separate revision). Date corrected to original date of 27 <sup>th</sup> Oct.
5	Section 2.5 (P. 3)	All newly referenced reports relating to MNES should be provided as attachments to the department.  <b>Action:</b> Provide all new reports about MNES to the department.	All these surveys have been previously provided to DCCEEW and EPA to support approval application for ASDP.
6	Section 7 (P. 41)	In the references there are duplicate instances of <i>Ecoscape, A. (2018) CW03472 Eglinton Groundwater Investigations Flora, Vegetation, Fauna and Dieback Survey: Site 2.</i>  <b>Action:</b> Please remove duplicate reference.	Duplicate reference removed.
7	Attachment C (P. 65)	A broken link to an external site is provided in the Attachments - <a href="https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/187044522">https://nexus.watercorporation.com.au/otcs/cs.exe/app/nodes/187044522</a>  <b>Action:</b> Please repair and provide context for the link or remove it from the report.	Internal references removed.

Comment #	Section - Page Number	DCCEEW Comment	Water Corporation Response
1	Title page (p. 1) and document information (p. 3)	The version date on the title page is inconsistent with document information provided on p. 3.  <b>Action:</b> please review and correct version dates as needed.	Dates and version number updated.
2	Figure 1 (p. 6)	The revised Figure 1 is unclear due to layering.  <b>Action:</b> please refer to the Department's <a href="#">EMP Guidelines</a> and revise to ensure all layers are clearly visible and accurate to the legend.	Clearer map inserted.
3	Section 2.1 Background (p. 5)	It is unclear whether the change to development envelope that reduces the impact to conservation areas identified in Ministerial Statement 722 (at the state level) from 5.17 ha to 5.16 ha will result in no	Section 2.3.1 updated.

		new or increased significant impacts on Matters of National Environmental Significance	
		<b>Action:</b> Could you please provide a clear statement within the plan (either within Section 2.1 or Section 2.3.1) identifying the total area of Banksia TEC and Tuart TEC impacted within the Water Precinct	

If you can respond to these questions and submit updated copies of each of the action management plans, along with an updated track changed version addressing these concerns this will assist with streamlining the assessment process

Kind regards,

Mitchell Hodgson

**Mitchell Hodgson**  
**Assessment Officer**

Nature Positive Regulation Division | Environmental Assessments Vic & Tas & Post Approvals Branch | Post Approvals (WA SA & NT) Section  
Ngunnawal Country John Gorton Building GPO Box 3090 ACT 2601  
Department of Climate Change Energy the Environment and Water

██████████ ██████████  
DCCCEEW.gov.au ABN 63 573 932 849



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**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Robin NIELSEN](#); [Caitlin Mcleod](#); [Fiona Rowland](#)  
**Subject:** EPBC 2019/8453 Alkimos Seawater Desalination Plant proposal - Change to Condition 5 Alkimos Water Precinct Environmental Management Plan (Revision 2)  
**Date:** Tuesday, 25 March 2025 10:55:00 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[Alkimos Water Precinct - Environmental Management Plan Rev 2.docx](#)  
[Alkimos Water Precinct - Environmental Management Plan Rev 2.pdf](#)

---

Good morning,

Water Corporation submitted an application on the 21 October 2024, under Section 143 of the *Environment Protection and Biodiversity Conservation Act 1999* to change the approved condition of the **EPBC 2019/8453 Alkimos Seawater Desalination Plant** proposal. The change was approved by DCCEEW to vary the conditions of EPBC Act approval 2019/8453 under section 143(1)(c) of the EPBC Act, on 24 March 2025.

Condition 5 of EPBC 2019/8453 requires an Alkimos Water Precinct Environmental Management Plan (**the Plan**). The Plan needs to be amended to show the changed proposed action boundary as a result of the Section 143 approval. The changes to the Plan are not likely to have a new or increased impact.

In accordance with Condition 17 of EPBC 2019/8453, Water Corporation submits the revised Plan without submitting it for approval. The requirements for notifying DCCEEW as stated in Condition 18a, are outlined in the table below.

Condition of EPBC 2019/8453	Condition Wording	Water Corporation's notification to DCCEEW
18a(i)	An electronic copy of the RAMP.	See Rev 2 of Plan attached
18a(ii)	An electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP.	See track changes of Rev 2 of the Plan attached.
18a(iii)	An explanation of the differences between the approved action management plan and the RAMP.	The differences are shown in track changes in the Plan attached. The differences are due to a change to the proposed action boundary as a result of the requirement to realign the pipeline.
18a(iv)	The reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a new or increased impact.	The change results in a reduction of impacts to the area previously identified for conservation in Ministerial Statement 722, from 5.17 ha to 5.16 ha (refer the Section 143 application (approved

		on 24 March 2025) for more information).
18a(v)	Written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the department.	The Water Corporation provides this email as written notice that the Plan will be implemented within 20 days of this email, whichever is later.

The revised plan will be published on the Water Corporation website available here <https://www.watercorporation.com.au/asdp> under 'Library'.

Please contact me if you have any queries.

Kind regards,

**Sean Nicholson**  
Acting Team Leader – Approvals & Delivery North  
Assets Planning and Delivery  
Water Corporation

█ [Redacted]  
█ [Redacted]  
█ [Redacted]



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.....  
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**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Robin NIELSEN](#); [Caitlin Mcleod](#); [Fiona Rowland](#)  
**Subject:** EPBC 2019/8453 Alkimos Seawater Desalination Plant proposal - Change to Condition 4 Terrestrial Construction Environmental Management Plan (Rev7)  
**Date:** Tuesday, 25 March 2025 3:29:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[Alkimos SDP - Terrestrial Construction Environmental Management Plan Rev 7.pdf](#)  
[Alkimos SDP - Terrestrial Construction Environmental Management Plan Rev 7.docx](#)

---

Good afternoon,

Water Corporation submitted an application on the 21 October 2024, under Section 143 of the *Environment Protection and Biodiversity Conservation Act 1999* to change the approved condition of the **EPBC 2019/8453 Alkimos Seawater Desalination Plant** proposal. The change was approved by DCCEEW to vary the conditions of EPBC Act approval 2019/8453 under section 143(1)(c) of the EPBC Act, on 24 March 2025.

Condition 4 of EPBC 2019/8453 requires a Terrestrial Construction Environmental Management Plan (**the Plan**). The Plan needs to be amended to show the changed proposed action boundary as a result of the Section 143 approval. The changes to the Plan are not likely to have a new or increased impact.

In accordance with Condition 17 of EPBC 2019/8453, Water Corporation submits the revised Plan without submitting it for approval. The requirements for notifying DCCEEW as stated in Condition 18a, are outlined in the table below.

Condition of EPBC 2019/8453	Condition Wording	Water Corporation's notification to DCCEEW
18a(i)	An electronic copy of the RAMP.	See Rev 7 of Plan attached
18a(ii)	An electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP.	See track changes of Rev 7 of the Plan attached (word version).
18a(iii)	An explanation of the differences between the approved action management plan and the RAMP.	The differences are shown in track changes in the Plan attached. The differences are due to a change to the proposed action boundary as a result of the requirement to realign the pipeline.
18a(iv)	The reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a new or increased impact.	All changes to impacts to the proposed action are outlined in application submitted on the 21 October 2024, under Section 143 of the EPBC Act, and approved on the 24 March 2025. The changes

		to impacts in the application approved on the 24 March 2025, do not result in changes to environmental management measures outlined the Plan.
18a(v)	Written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the department.	The Water Corporation provides this email as written notice that the Plan will be implemented within 20 days of this email, whichever is later.

Please contact me if you have any queries.

The revised plan will be published on the Water Corporation website available here <https://www.watercorporation.com.au/asdp> under 'Library'.

Please contact me if you have any queries.

Kind regards,

**Sean Nicholson**  
Acting Team Leader – Approvals & Delivery North  
Assets Planning and Delivery  
Water Corporation

█ [Redacted]  
█ [Redacted]  
█ [Redacted]



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## Appendix 6: Notification of Redacted Management Plan

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204933161>

**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Erica KUHLE](#)  
**Subject:** RE: Alkimos Desalination Plant (EPBC 2019-8453) - Artificial Nesting Hollow Management Plan - Notification of Redacted Plan Published on Website  
**Date:** Thursday, 11 September 2025 9:01:00 AM

---

Hi Erica/ Post Approvals,

The Artificial Nesting Hollow Management Plan was approved by DCCEEW on 5 September 2025. In accordance with EPBC 2029-8453 condition 22 and 23, the plan was published on the Water Corporation website under Library>Environmental Management Plans (Link: <https://www.watercorporation.com.au/asdp>) on 10 September 2025.

Note in accordance with condition 25, Water Corporation is writing to notify the Department that sensitive ecological data was redacted from the published plan. The redactions were to the location of black cockatoo nest trees in figures 3, 4, 6, 7, 8, 9 and 10.

Please reach out if you have any queries

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Assets Planning and Delivery  
Water Corporation

**E** [sean.nicholson@watercorporation.com.au](mailto:sean.nicholson@watercorporation.com.au)  
**T** (08) 9420 2125  
**M** 0458 703 830

---

**From:** Graham NASH <Graham.Nash@dcceew.gov.au>  
**Sent:** Monday, 8 September 2025 2:21 PM  
**To:** Digby Short <Digby.Short@watercorporation.com.au>  
**Cc:** Sean Nicholson <Sean.Nicholson@watercorporation.com.au>; Brenin PRESSWELL <Brenin.Presswell@dcceew.gov.au>  
**Subject:** Alkimos Desalination Plant (EPBC 2019-8453) - Artificial Nesting Hollow Management Plan approval [SEC=OFFICIAL]

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Dear Dr Short

Please find attached a decision letter signed by the delegate covering the Artificial Nesting Hollow Management Plan for the Alkimos Desalination Plant (EPBC 2019-8453)

Kind Regards

**Graham Nash**

**Assessment Officer**

**Nature Positive Regulation Division | Environment Assessments West (WA, SA, NT) | South WA**

Ngunnawal Country, John Gorton Building, King Edward Terrace, Parkes ACT 2600  
Australia

Department of Climate Change, Energy, the Environment and Water

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## Appendix 7: Notification of Proposed Change to WA Approval Conditions

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204925090>

**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Robin NIELSEN](#); [Aaron Thorburn](#); [Paul Zahra](#); [Fiona Rowland](#)  
**Subject:** 2019/8453 Alkimos Seawater Desalination Plant - Request to Change Conditions of EPBC Approval - Marine DE  
**Date:** Friday, 17 January 2025 3:14:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.jpg](#)  
[ASDP Environmental Assessment of Proposed Change to Action Area MDE EPBC2019\\_8453\\_Rev0.pdf](#)

---

Good afternoon,

Water Corporation is requesting an amendment to the approved 'Action Area' defined in Attachment B of EPBC Approval 2019/8453 (referenced as Attachment B - Maps of the Proposed Action – Marine Component) under section 143 of the EPBC Act. There is no change to the definition of "Action" as defined in Part C – Definitions. The proposed change to action does not result in an additional impact to Matters of National Environmental Significance under EPBC Ref: 2019/8453.

Please see the attached supporting document outlining the requested changes.

Please note in accordance with condition 27A of the approval, Water Corporation wishes to notify the department that a request to change the conditions of the Western Australian approval (Ministerial Statement 1207) was submitted on 17 January 2025. Once the Western Australian approval changes are approved, Water Corporation will notify the department in accordance with condition 27B.

Could you please advise receipt of this request?

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Water Corporation



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Four small blue question mark icons in a row, followed by a larger blue question mark icon inside a rectangular box.

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## Appendix 8: Notification of Change to WA Approval Conditions

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204935353>

**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Robin NIELSEN](#); [Aaron Thorburn](#); [Fiona Rowland](#); [Paul Zahra](#)  
**Subject:** FW: EPBC 2019/8453 - Alkimos Desalination Plant - Notice of Change to WA Approval  
**Date:** Thursday, 23 January 2025 12:32:00 PM  
**Attachments:** [APP-0025724\\_Stage5\\_2025-01-15\\_Water\\_Corporation\\_AlkimosSDP\\_EPA\\_letter\\_to\\_proponent.pdf](#)  
[APP-0025724\\_Stage5\\_2025-01-15\\_Water\\_Corporation\\_AlkimosSDP\\_Attachment\\_2\\_to\\_Ministerial\\_Statement\\_1207.pdf](#)  
[APP-0025724\\_Stage\\_5\\_2025-01-21\\_Water\\_Corporation\\_AlkimosSDP\\_Notice\\_and\\_Summary\\_of\\_Reasons.pdf](#)

---

Dear Post Approvals,

In accordance with EPBC Act approval 2019/8453 condition 27B, I'm writing to advise the department that the Western Australian approval (Ministerial Statement 1207) conditions were amended on 21 January 2025. Please see attached copy of the finalised changes.

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Assets Planning and Delivery  
Water Corporation

■ [REDACTED]  
■ [REDACTED]  
■ [REDACTED]

---

**From:** Juraj Galba [REDACTED]  
**Sent:** Thursday, January 23, 2025 11:37 AM  
**To:** Sean Nicholson <Sean.Nicholson@watercorporation.com.au>  
**Cc:** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
**Subject:** RE: APP-0025724 - Alkimos Desalination Plan - s45C - Notice requesting further information

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Hi Sean,

Water Corporation's request to amend the Alkimos Seawater Desalination Plant proposal and conditions of MS 1207 under s.45C of the EP Act has been approved.

Please find attached:

- Attachment 2 to MS 1207
- Public notice and summary of reasons; and
- Letter addressed to Water Corporation.

Thank you for your collaboration during this assessment.

Kind regards,

[Juraj Galba](#)

Infrastructure Assessments Branch, EPA Services



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**From:** [Sean Nicholson](#)  
**To:** [Post Approval](#)  
**Cc:** [Robin NIELSEN](#); [Caitlin Mcleod](#)  
**Subject:** FW: EPBC 2019/8453 - Alkimos Desalination Plant - Notice of Change to WA Approval - Linear Diffuser  
**Date:** Friday, 14 March 2025 3:01:00 PM  
**Attachments:** [APP-0027174\\_Stage 5\\_2025-03-13\\_Alkimos\\_EPA\\_Approval\\_s\\_45C.pdf](#)  
[s45c notice APP-0027174\\_Stage 5\\_2025-03-13\\_Alkimos\\_WaterCorp\\_Notice and Summary of Reasons.pdf](#)  
[APP-0027174\\_Stage 5\\_2025-03-13\\_WaterCorp\\_Alkimos\\_Attachment3\\_to\\_MS1207.pdf](#)

---

Dear Post Approvals,

In accordance with EPBC Act approval 2019/8453 condition 27B, I'm writing to advise the department that the Western Australian approval (Ministerial Statement 1207) conditions were amended on 13 March 2025. Please see attached copy of the finalised changes.

This notification meets the requirements of EPBC Act approval 2019/8453 condition 27B.

Please reach out via the contact details below if you have any queries.

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Assets Planning and Delivery  
Water Corporation

■ [REDACTED]  
■ [REDACTED]  
■ [REDACTED]

---

**From:** Erika Eto [REDACTED]  
**Sent:** Friday, March 14, 2025 2:42 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** APP-0027174 - Alkimos Seawater Desalination Plant - s45C approved

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Hi Dehlia

Please see attached approval letter and related documents for the Alkimos Seawater Desalination Plant s45C (marine component).

Please note that Attachments 2 and 3 are now in effect for MS 1207. Any questions, please let me know.

Have a great weekend!

[Erika Eto](#)

Principal Environmental Officer

Infrastructure Assessments Branch, EPA Services

[Department of Water and Environmental Regulation](#)

Prime House, 8 Davidson Terrace, JOONDALUP WA 6027

Locked Bag 10, Joondalup DC, WA 6919

[REDACTED]

[REDACTED]

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## Appendix 9: Shapefile of Clearing of Protected Matters 2024-2025

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/205979943>

**Appendix 10: Publication of Annual Compliance Report (2023-2024)**

<https://nexus.watercorporation.com.au/otcs/cs.exe/link/204938768>

**From:** [epbcmonitoring](#)  
**To:** [Sean Nicholson](#)  
**Cc:** [Dioby Short](#); [Daniel Rossi](#); [Caitlin Mcleod](#); [Kate Lee](#)  
**Subject:** RE: Annual Compliance Report 2024 - Alkimos Desalination Plant - EPBC 2354/2019 - Publication on Website [SEC=OFFICIAL]  
**Date:** Tuesday, 18 March 2025 12:10:37 PM  
**Attachments:** [~WRD0004.jpg](#)  
[image001.jpg](#)

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Good afternoon Sean,

Thank you for notifying the department of the published annual compliance report for EPBC 2019/2354.

Warmest Regards,

**Chloe Houston**

**Compliance Officer**

Approvals Compliance Section | Department of Climate Change, Energy, the Environment and Water

**P:** [REDACTED]

A close up of a text [REDACTED] Description automatically generated



OFFICIAL

**From:** Sean Nicholson [REDACTED]  
**Sent:** Monday, 17 March 2025 5:22 PM  
**To:** epbcmonitoring <epbcmonitoring@dceew.gov.au>  
**Cc:** [REDACTED]

[REDACTED] 2024 - Alkimos Desalination Plant - EPBC  
2354/2019 - Publication on Website

Good Afternoon,

Further to the submission of the Alkimos Desalination Plant annual compliance report on 13 March 2025, the report has now been published on the Water Corporation website in accordance with condition 26b. It can be accessed at <https://www.watercorporation.com.au/asdp> and navigating to Library > Compliance Reports.

Alternatively, the report is available directly via this link: [Annual Compliance Report](#).

This notification fulfills the requirements of conditions 36b, 36c, and 36d. As no sensitive ecological data required redaction, conditions 36f and 36g do not apply.

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Assets Planning and Delivery  
Water Corporation

■ [Redacted]  
■ [Redacted]  
■ [Redacted]

---

**From:** Sean Nicholson

**Sent:** Thursday, March 13, 2025 8:55 AM

**To:** epbcmonitoring@dcceew.gov.au

**Cc:** [Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

**Subject:** Annual Compliance Report 2024 - Alkimos Desalination Plant - EPBC 2354/2019

Good morning,

Please see attached 2024 Annual Compliance Report for the Alkimos Desalination Plant, Alkimos WA (EPBC ref 2019/8453). This annual compliance report meets the requirements of conditions 33, 34, 35 & 36a.

In accordance with conditions 36b-g, the compliance report will be published on the Water Corporation project website (<https://www.watercorporation.com.au/asdp>). The department will be notified and a weblink provided once the report is published.

If you have any questions, please reach out via the contact details below.

Kind regards,

**Sean Nicholson**  
Environment Specialist  
Assets Planning and Delivery  
Water Corporation

█ [REDACTED]  
█ [REDACTED]  
█ [REDACTED]

[REDACTED]



[watercorporation.com.au](http://watercorporation.com.au)

[REDACTED]

Water Corporation acknowledges the Traditional Owners throughout Western Australia and their continuing connection to the land, water and community. We pay our respects to all members of the Aboriginal communities and their cultures and to Elders past, present and emerging.

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