



Annual Compliance Report

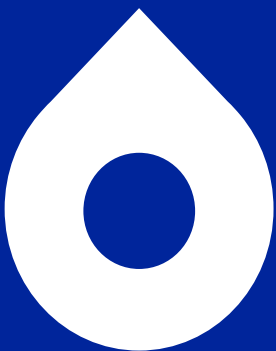
Time period: 17 February 2023 to 17 February 2024

EPBC 2020/8816

Upper South Creek Advanced Water Recycling Centre
and Pipelines Project

Kemps Creek, NSW

May 2024





Acknowledgement of Country

Sydney Water respectfully acknowledges the Traditional Custodians of the land and waters on which we work, live and learn. We pay respect to Elders past and present.





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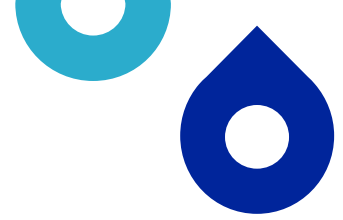
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Document Control

Revision Status	Date	Prepared by	Reviewed By
Rev draft	10/05/2024	Cheryl Cahill – for review	Gill Fowler
Rev A	13/05/2024	Cheryl Cahill – for issue	Gill Fowler



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 *(Cahill)*

Full name (please print): Cheryl Cahill

Position (please print): Major Projects Environment Lead - USC

Organisation (please print including ABN/ACN if applicable): Sydney Water, ABN: 49 776 225 038

Date: 13/05/2024



Introduction

The Upper South Creek Advanced Water Recycling Centre and Pipelines project (the project) is being constructed to support the population growth and economic development of the Western Sydney Aerotropolis Growth Area (WSAGA or Aerotropolis), South West Growth Area (SWGA) and the new Western Sydney International Airport. The project will provide wastewater services to Western Sydney to produce high-quality treated water for non-drinking reuse and for release to local waterways.

The project comprises the following components:

- A new Advanced Water Recycling Centre (AWRC) to collect wastewater from businesses and homes and treat it, producing high-quality treated water, renewable energy and biosolids for beneficial reuse
- A new green space area around the AWRC, adjacent to South Creek and Kemps Creek, to support the ongoing development of a green spine through Western Sydney
- New infrastructure from the AWRC to South Creek, to release excess treated water during significant wet weather events, estimated to occur about 3 – 14 days each year
- A new treated water pipeline from the AWRC to Nepean River at Wallacia Weir, to release high-quality treated water to the river during normal weather conditions
- A new brine pipeline from the AWRC connecting into Sydney Water's existing wastewater system to transport brine to the Malabar Wastewater Treatment Plant
- A range of ancillary infrastructure.


This compliance report has been prepared to detail the Project's compliance and implementation status against the EPBC (2020/ 8816) conditions during the reporting period. In accordance with the Annual Compliance Report Guidelines (Commonwealth of Australia, 2023), the following information relates to the project for this compliance reporting period:

- EPBC number: 2020/ 8816
- Project name: Upper South Creek Advanced Water Recycling Centre, Kemps Creek, NSW
- Approval holder: Sydney Water Corporation ABN: 49 776 225 038
- The approved action: To construct and operate a wastewater treatment plant located between South Creek and Kemps Creek, and associated infrastructure, including three new pipelines between Warragamba and Lansdowne, NSW
- Location of the project: Kemps Creek and pipelines NSW
- Person accepting responsibility for the report: Cheryl Cahill, Sydney Water Major Projects Environmental Lead (refer to signed declaration above)
- Dates for the reporting period of the report – 17 February 2023 to 17 February 2024
- Date of preparation of the report: 13 May 2024

Description of Activities

The project commenced construction on 28 August 2023. Project activities undertaken during the reporting period included:

- Low impact works, including survey and geotechnical investigations
- Site establishment and mobilisation
- Development of site compounds at the AWRC (including worm farm), C6, C7, C10, C12 and C21
- Establishment of minor ancillary facilities for construction support
- Demolition of existing structures on the AWRC site

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- Vegetation clearing, bulk earthworks and installation of hardstand within the stage 1 operational footprint of the AWRC
 - Installation of environmental controls at AWRC and active pipeline work sites
 - Excavation of the onsite detention basin and encapsulation cell at AWRC site
 - Earthworks to establish pad for inlet works
 - Excavation for foundations of bioreactor, MBR, digester and HV Switch room structures on the AWRC
 - Inlet works piling and foundation works
 - Foundation treatment, including installation of drainage layers and formwork in bioreactor and MBR
 - Installation of crane pads
 - Excavation of outfall channel (maintaining 100m buffer off South Creek)
 - Inlet works concrete pours, including blinding slab, blade walls, capping beams, receival/ grit/ screen chambers
 - MBR concrete pours – blinding slab, pits 1-6, membrane trains, channels, flow splitter walls
 - Bioreactor concrete pours – blinding slab, base slabs 1 and 2, oxidation ditch walls
 - Digester tank – foundation treatment, blinding slab, ring beam formwork
 - Completed horizontal direction drilling (HDD) along treated water pipeline alignment at farm dam, Jerrys Creek and Badgery's Creek, with HDD underway at the Nepean River crossing – overall 1210m (79%) of trenchless treated water crossings completed
 - Completed HDD along brine pipeline alignment at Cabramatta Road, Upper Canal – overall 390m (12%) of trenchless brine crossings completed
 - Progressive excavation and trenching along the treated work and brine pipelines
 - Completed 5890m (37%) of open trench pipe installation along treated water pipeline alignment
 - Completed 7430m (36%) of open trench pipe installation along brine water pipeline alignment
 - Progressive restoration of completed pipeline open trench work sites.

Compliance Status during reporting period

In accordance with the Annual Compliance Report Guidelines, this annual compliance report must:

- Demonstrate that all conditions of the EPBC approval have been considered and addressed.
- List the conditions of the EPBC approval, including any variations to those conditions, noting if compliance or non-compliance with each condition has been achieved.
- If a management plan is required under an approval condition:
 - the specifics in a management plan that support an approval condition must be detailed in the compliance report; and
 - material must be provided demonstrating that the requirements of that plan have been implemented.

Table 1 details the compliance status and supporting statements in relation to the EPBC 2020/ 8816 conditions associated with the Project Approval and has been prepared in accordance with the requirements included in the Annual Compliance Report Guidelines.



Table 1 - EPBC Approval Conditions Compliance Table

Condition No	Condition Requirements	Compliance Status	Evidence/Comments
1	To minimise impacts to protected matters, the approval holder must not clear more than a) 1.44 ha of Cumberland Plain Shale Woodlands and Shale-Gravel Transition Forest b) 1.64 ha of Spiked Rice-flower habitat.	Compliant	No clearing of protected matters has occurred within the reporting period. Refer to Appendix A Table 2 detailing an estimated schedule of clearing of protected matters along the project alignment, with reference to the maps included as Attachment A to the approval. Pre-clearing inspections and reports will be undertaken and developed prior to any clearing of protected matters to ensure all clearing is within approved limits. Once clearing of the listed protected matters occurs, post clearing reports will be developed by the project ecologist.
2	The approval holder must not clear outside the impact assessment area. The approval holder must not impact on protected matters by clearing outside the impact area.	Compliant	There has been no clearing of protected matters within the reporting period. No vegetation clearing has been undertaken outside the impact assessment area, as defined within the approval. A request to vary and update the maps included in Attachment A of the approval was submitted to the Department on 1 December 2023. This was due to the pipeline alignment being refined in several locations during detailed design which resulted in changes to the impact area. While these changes were approved under the State Infrastructure Approval (in modifications and via consistency assessments) and were consistent with the 2020/8816 Conditions, the Attachment A maps needed to be updated to reflect the refined pipeline alignment and changes to the mapped impact area. The maps were not revised during this reporting period (however this variation was received on 2 April 2024 and will be detailed in the next compliance reporting period).
3	To mitigate impacts on protected matters the approval holder must implement conditions C4, C5, C9, C11, C12, E23, E119, E120, E132, E133, E134, C-B1 and C-B7 of the State Infrastructure Approval, in so far as they relate to monitoring, mitigating, and avoiding impacts to protected matters.	Compliant / Not Applicable	There has been no impact to protected matters during the reporting period. Refer to Appendix B which includes the specifics of the referenced State Infrastructure Approval conditions (SSI 8609189). C4 - The CEMP and sub-plans (including those referenced under condition 6 to be approved by the Department) have been implemented since the commencement of construction on Monday 28 August 2023. The CEMP and relevant sub plans were made available to the listed agencies during the



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
			<p>consultation process undertaken prior to the approval of the plans. As noted in relevant conditions, the CEMP and listed subplans were approved by the Department on 23 August 2023 and some plans were subject to minor amendments within the reporting period, as detailed further in Condition 13.</p> <p>C5 - The CEMP sub plans were developed to comply with all the listed requirements noted in the condition.</p> <p>C9 - The Biodiversity CEMP sub plan was prepared by an experienced ecologist and addressed the requirements listed in the condition. This was verified under the State Infrastructure Approval and by the Department when the sub plan was approved. The Biodiversity CEMP sub plan has been implemented on the project since construction commenced. Note clause C9e was deleted from the State Infrastructure Approval, on approval of MOD1, which removed the 4.5km environmental flow pipeline from the project scope.</p> <p>C11 – Construction commenced 28 August 2023, after the CEMP and relevant subplans were approved by both NSW Department of Planning and Environment (now referred to as the Department of Planning, Housing and Infrastructure) on 8 August 2023 under the State Infrastructure Approval and by the Department on 23 August 2023.</p> <p>C12 - The CEMP and sub plans were approved prior to construction and have been implemented since construction commenced. Minor amendments to CEMP sub plans have been endorsed by the ER (required under the State Infrastructure Approval), and where these included revisions to the plans detailed in Condition 6, they have also been provided to the Department (refer to Condition 13).</p> <p>E23 – During preclearing surveys, native vegetation or habitat features that are marked for clearing are identified and salvage has been undertaken for future reuse both on the project (during restoration) or by other parties.</p> <p>E134 - No work or investigations have been undertaken within the Blue Mountains National Park.</p>



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
			Conditions E119, E120 E132, E133, C-B1, C-B7 were not triggered during the reporting period. These are generally triggered in post construction stages (pre-operation or operation).
4	To offset the impacts of the Action on protected matters, the approval holder must implement conditions E12, E13, E14, E15 and E16 of the State Infrastructure Approval.	Compliant/ Not applicable	<p>No clearing of protected matters has occurred within the reporting period. Refer to Appendix A Table 2 detailing an estimated schedule of clearing of protected matters along the project alignment, with reference to the maps included as Attachment A to the approval. Offsets for biodiversity credits have been obtained and this was provided to the Department, in accordance with Condition 5. Refer to Appendix B which includes the specifics of the referenced State Infrastructure Approval conditions (SSI 8609189).</p> <p>E12 – Clearing impacts were assessed within the EIS, however, the project has sought opportunities to reduce clearing, wherever possible. Pre-clearing inspections and reports assess clearing extents to consider opportunities to retain vegetation. Post clearing reports will be prepared to document the extent of clearing and the calculation of actual areas and specimens cleared.</p> <p>E13 – Clearing of vegetation has been undertaken within the reporting period, however this did not involve clearing of any protected matters. Clearing of vegetation was managed to ensure no exceedance to clearance limits for plant community types and species detailed in State Infrastructure Approval. Pre-clearing inspections and reports assessed clearing extents to ensure only vegetation approved for removal was cleared and there was no exceedance to clearing limits. Post clearing reports will be prepared to document the extent of clearing and the calculation of actual areas and specimens cleared.</p> <p>E14 – Prior to impacts on biodiversity values, biodiversity credits were obtained. Evidence of the purchase and retirement of credits was provided to the Department, in accordance with Condition 5. The Biodiversity Credits for the project comprised:</p> <ul style="list-style-type: none"> • Payment and confirmation of purchase and retirement of credits to the Biodiversity Conservation Fund (BCF), as evidenced by the provided statement dated 2/06/23, with reference no. BCF557; and



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
			<ul style="list-style-type: none"> Transfer and retirement of previously held biodiversity offsets, as evidenced by the provided correspondence from the DPE Biodiversity Offset Scheme Credits team issued 27/06/23, with retirement case ID: 00041471/CRE/RET. This is also evidenced on the extract of the transactions register sourced from the BOS Public Register. <p>E15 – not relevant, ancillary and variation rules not pursued for the project.</p> <p>E16 – evidence of the retirement of biodiversity credits was provided to both DPE under the State Infrastructure approval and the Department in accordance with condition 5 on 4 July 2023.</p>
5	The approval holder must notify the department in writing within 10 business days of the biodiversity credits being retired in accordance with conditions E14, E15 and E16 of the State Infrastructure Approval	Compliant	<p>Refer to Appendix B which includes the specifics of the referenced State Infrastructure Approval conditions (SSI 8609189).</p> <p>This information was supplied to the Department on the 4 July 2023 via email to the post approval email listed in the Approval, copy provided in Appendix C. This included evidence of payment and confirmation of purchase and retirement of credits to the Biodiversity Conservation Fund (BCF), as evidenced by the statement attached to the email (dated 2/06/23, with reference no. BCF557); and transfer and retirement of previously held biodiversity offsets, as evidenced by the correspondence (attached to the email) from the DPE Biodiversity Offset Scheme Credits team issued 27/06/23, with retirement case ID: 00041471/ CRE/ RET. The notification included an extract of the transactions register sourced from the BOS Public Register and a link to the register. The email included a table documenting how the cumulative total of the 2 sources satisfied the biodiversity credit obligations listed under the State infrastructure Approval.</p> <p>E14 - Prior to impacts on biodiversity values, biodiversity credits were obtained. Evidence of the purchase and retirement of credits was provided to the Department, as noted above.</p> <p>E15 – not relevant, ancillary and variation rules not pursued for the project.</p> <p>E16 – evidence of the retirement of biodiversity credits was also provided to DPE under the State Infrastructure approval on 4 July 2023.</p>



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
6	<p>The approval holder must ensure, prior to submitting them for approval by the Planning Secretary, that the Construction Environmental Management Plan (CEMP) and sub-plans required for Biodiversity (sub-plan C4 (d)) and Heritage (sub-plan C4 (g)) required under conditions C4, C5 and C9 of the State Infrastructure Approval:</p> <p>a) are consistent with statutory documents for protected matters, including for the listings and management of the Greater Blue Mountains Area World Heritage property and the National Heritage place,</p> <p>b) demonstrate how the approval holder will protect, minimise and mitigate impacts to protected matters, and</p> <p>c) state how the relevant terms of the State Infrastructure Approval for protected matters will be complied with.</p>	Compliant	<p>The CEMP, Biodiversity CEMP Sub Plan (BCSP) and the Heritage CEMP Sub Plan (HCSP) were prepared to address the requirements in the condition (and those in the referenced State Infrastructure Approval conditions) and were submitted to the Department on 10 May 2023 for review and comment. Additional documentation was supplied on request. Revised plans were submitted in July and August 2023 to address comments received from the Department.</p> <p>The CEMP and relevant sub plans were approved by the Department on 23 August 2023.</p>
7	The approval holder must not commence the Action unless the Minister has approved all of the CEMP, Biodiversity and Heritage sub-plans, required by condition C4 of the State Infrastructure Approval, in writing.	Compliant	<p>Construction did not commence until after approval of the CEMP and relevant sub plans by the Department on 23 August 2023.</p> <p>Construction commenced on 28 August 2023, as notified to the Department in accordance with Condition 22.</p>
8	The approval holder must not commence the Operation unless the Minister has approved the World Heritage Monitoring Program (WHMP) and Water Quality Monitoring Program (WQMP), required by conditions E132 and E119 of the State Infrastructure Approval, in writing.	Not applicable	Not triggered - This is a pre-operation requirement



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
9	The approval holder must implement the CEMP, Biodiversity and Heritage sub-plans, WHMP and WQMP approved by the Minister until, at least, the end date of this approval, unless otherwise agreed to by the Minister in writing	Compliant	The approved CEMP, Biodiversity CEMP Sub Plan and Heritage CEMP Sub Plan have been implemented during construction since the plans were approved by the Department on 23 August 2023. The WHMP and WQMP are yet to be prepared, as noted in condition 8, they relate to operational requirements. Appendix A, Table 3 provides further detail on the implementation of the plans required under this approval.
10	Each World Heritage monitoring report required by Condition E133 of the State Infrastructure Approval must be provided to the department for information within one month of submission of each annual report required by the State Infrastructure Approval.	Not applicable	Not triggered - This is a post-operation requirement
11	The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a Revised Action Management Plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.	Not Applicable	Not triggered during the reporting period. Only minor revisions to the Biodiversity CEMP sub plan were undertaken as further detailed in Conditions 12 and 13.
12	The approval holder may choose to revise an action management plan approved by the Minister under conditions 7-8, 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 RAMP would not be likely to have a new or increased impact.	Compliant	During the reporting period, minor amendments to the Biodiversity CEMP Sub Plan (BCSP) were submitted to the Department. These changes did not constitute new or increased impacts and were endorsed by the independent ER, appointed in accordance with the State Infrastructure Approval, as minor amendments. These included: <ul style="list-style-type: none"> • BCSP – Rev B, dated 25/09/23 – submitted on 23/10/23 • BCSP – Rev C, dated 10/11/23 – submitted on 8/12/23 • BCSP – Rev D, dated 19/12/23 – submitted on 22/12/23



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
			<p>Copies of correspondence related to these submissions, excluding copies of the plans, are included in Appendix C.</p> <p>In addition, on 1 September 2023 and following the approval of the CEMP and relevant sub plans by the Department on 23 August 2023, the CEMP and suite of sub plans required under the State Infrastructure Approval were revised to Rev A to reflect the change in the document control status to “Issued for Construction” (IFC). There were no content changes to the versions approved by the Department. The Department were notified on 1 September via email and the relevant plans required under condition 6 were provided electronically to the SigBox platform, established during the document review process for plan submission by Department representatives. Copies of this correspondence is included in Appendix C.</p>
13	<p>If the approval holder makes the choice under condition 12 to revise an action management plan without submitting it for approval, the approval holder must:</p> <p>a) Notify the department electronically that the approved action management plan has been revised and provide the department with:</p> <p>i) An electronic copy of the RAMP</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 RAMP.</p> <p>iii) An explanation of the differences between the approved action management plan and the RAMP.</p> <p>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.</p>	Compliant	<p>During the reporting period, several minor amendments to the Biodiversity CEMP Sub Plan (BCSP) were submitted to the Department, including:</p> <ul style="list-style-type: none"> • BCSP – Rev B, dated 25/09/23 – submitted on 23/10/23 • BCSP – Rev C, dated 10/11/23 – submitted on 8/12/23 • BCSP – Rev D, dated 19/12/23 – submitted on 22/12/23 <p>Amended plans were submitted electronically, either direct to the email address provided or via the SigBox platform and link sent by Department representatives. Where these changes involved an actual change to an action plan, the submission also addressed the requirements of this condition.</p> <p>Copies of correspondence related to these submissions, excluding copies of the plans due to file sizes), are included in Appendix C.</p>



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	<p>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.</p> <p>b) Subject to condition 15, implement the RAMP from the RAMP implementation date.</p> <p>c) Document changes to approved action management plans in the compliance report, as per condition 29.</p>		
14	The approval holder may revoke its choice to implement a RAMP under condition 12 at any time by giving written notice to the department. If the approval holder revokes the choice under condition 12, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 12	Not applicable	Not Triggered – No plans have been revoked during the reporting period.
15	<p>If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the Action in accordance with the RAMP would be likely to have a new or increased impact, then:</p> <p>a) Condition 12 does not apply, or ceases to apply, in relation to the RAMP.</p> <p>b) The approval holder must implement the action management plan specified by the Minister in the notice.</p>	Not applicable	Not Triggered during the reporting period.
16	At the time of giving the notice under condition 15, the Minister may also notify that for a specified period of	Not applicable	Not Triggered during the reporting period.



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	time, condition 12 does not apply for one or more specified action management plans.		
17	The approval holder must submit all plans required by these conditions electronically to the department.	Compliant	Plans were submitted electronically, either direct to the email address provided or via the SigBox platform and link sent by Department representatives. This included the initial copies of the CEMP and relevant sub plans specified in condition 6 submitted for review and comments, and revised copies of these addressing comments, requested supporting information and the minor revisions to the BCSP (provided in accordance with conditions 12 and 13) that were submitted since the initial plans were approved.
18	<p>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> <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; or</p> <p>d) the plan is approved by a state/territory government official/the NSW Planning Secretary as required under a state/territory government condition which must be complied with in accordance with these EPBC Act conditions.</p>	Compliant	<p>All current versions of the plans required under the conditions (excluding those not yet triggered) are maintained on Sydney Water Talk project website: https://www.sydneywatertalk.com.au/uppersouthcreek</p> <p>This includes the approved versions of the CEMP and relevant sub plans (Rev A) as approved by the Department of 23 August 2023, and by DPE on 8 August 2023. The website also includes the latest version of the BCSP (Rev D), that was subject to minor amendments during the reporting period (endorsed by the DPE approved ER) and submitted in accordance with conditions 12 and 13.</p>
19	The approval holder must keep all published plans required by these conditions on the website until the expiry date of this approval, unless otherwise agreed by the Minister in writing	Compliant	<p>All current versions of the plans required under the conditions (excluding those not yet triggered) have been published on the Sydney Water Talk project website: https://www.sydneywatertalk.com.au/uppersouthcreek</p>



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
20	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	Not applicable	Not Triggered during the reporting period.
21	If sensitive ecological data is excluded or redacted from a plan in accordance with condition 20, the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website.	Not applicable	Not Triggered during the reporting period
22	The approval holder must notify the department electronically of the date of commencement of the Action, within 5 business days of commencement of the Action.	Compliant	The notification letter detailing the commencement of construction (28 August 2023) was sent via email on 28 August 2023 to the email address indicated in the approval and direct to the Department representative assigned to the project. A copy of the notification and letter is included in Appendix C.
23	If the commencement of the Action does not occur within 5 years from the date of this approval, then the approval holder must not commence the Action without the prior written agreement of the Minister	Compliant	This condition was not triggered as the commencement date of the project, 28 August 2023, was within 5 years of the date of this approval (17 February 2023).
24	The approval holder must maintain accurate and complete compliance records	Compliant	A compliance tracking program is maintained for the project, which tracks compliance against the EPBC 2020/8816 conditions, the EIS mitigation measures and the State Infrastructure Approval conditions. Records of all correspondence with the Department and relevant agencies are also maintained. This compliance report provides a record of the compliance status over the reporting period for each triggered condition.
25	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.	Compliant	No requests have been received from the Department during the reporting period.



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
26	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	Compliant	<p>No clearing of protected matters has occurred within the reporting period. Refer to Appendix A Table 2 detailing an estimated schedule of clearing of protected matters along the project alignment, with reference to the maps included as Attachment A to the approval.</p> <p>The required monitoring data and information required under this condition will be collected and maintained in accordance with the requirements and guidelines listed.</p>
27	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.	Compliant	<p>No clearing of protected matters has occurred within the reporting period. Refer to Appendix A Table 2 detailing an estimated schedule of clearing of protected matters along the project alignment, with reference to the maps included as Attachment A to the approval.</p> <p>The required monitoring data and information required under this condition will be collected and maintained in accordance with the requirements and guidelines listed.</p>
28	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 12 months of the date of this approval decision, or as otherwise agreed by the Minister in writing.	Compliant	The project is yet to impact or clear any of the protected matters presented in the maps included in Attachment A of the approval. Therefore, no monitoring data is available related to this reporting period.
29	The approval holder must prepare a compliance report for each 12-month period following the date of this approval, or as otherwise agreed to in writing by the Minister.	Compliant	This report satisfies this condition for the reporting period 17 February 2023 to 17 February 2024. This report is scheduled to be submitted by 15 May 2024 (60 business days from the end of the 12 month period following receipt of approval).
30	Each compliance report must be consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2014	Compliant	This compliance report has been developed with reference to, and is considered consistent with, the Annual Compliance Report Guidelines



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
31	<p>Each compliance report must include:</p> <ul style="list-style-type: none"> 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 any 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. 	Compliant	<p>This compliance report has been prepared with reference to the Annual Compliance Report Guidelines for the reporting period 17 February 2023 to 17 February 2024.</p> <ul style="list-style-type: none"> a) There have been no incidents, as defined in Annexure A, Part C – Definitions that have resulted in any actual or potential impacts to protected matters during the reporting period. There have also been no non-compliances raised against any EPBC 2020/8816 conditions or any commitments included in the plans (required under Condition 6) during the reporting period. b) No clearing of protected matters has occurred within the reporting period. c) A schedule has been included in Appendix A Table 2, which includes implementation details.
32	<p>The approval holder must:</p> <ul style="list-style-type: none"> a) Publish each compliance report on the website within 60 business days following the end of the 12-month period for which that compliance report is required. b) Notify the department electronically, within 5 business days of the date of publication that a compliance report c) Provide the weblink for the compliance report in the notification to the department. d) Keep all published compliance reports required by these conditions on the website until the expiry date of this approval. e) Exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public. 	Compliant	<p>This report will be published on the USC Project Sydney Water Talk website and the Department will be notified via email.</p> <ul style="list-style-type: none"> a) This report is scheduled to be published on the Sydney Water Talk project website (https://www.sydneywatertalk.com.au/upperouthcreek) by 15 May 2024 (60 business days from the end of the 12 month period following receipt of approval, noted as 17 February 2023). b) Following the publication of the report, the Department will be notified via email to the email addresses listed in the approval decision letter. This notification will include providing a copy of the compliance report prepared for the reporting period (unless restricted due to file sizes). c) The notification to the Department regarding the availability of the compliance report will include a specific weblink to the report on the Sydney Water Talk website (https://www.sydneywatertalk.com.au/upperouthcreek). d) Not Triggered to date. e) Not Triggered - No sensitive ecological data has been excluded from compliance report in this reporting period, as no protected matters have been impacted or cleared by the project.



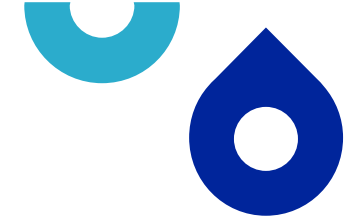
Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	f) If sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.		f) Not Triggered.
33	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.	Compliant	<p>Not Triggered - There have been no incidents that have resulted in any actual or potential impacts to protected matters during the reporting period. There have also been no non-compliances raised against any EPBC 2020/8816 conditions or any commitments included in the plans (required under Condition 6) during the reporting period.</p> <p>On 25 January 2024, a frac out occurred during Horizontal Directional Drilling (HDD) onsite, which was reported to the Department of Planning, House and Infrastructure (DPHI, formerly DPE) and the NSW EPA as a potential material harm incident, as a precautionary measure. The frac out was not reported to the Department, as it was not related to the EPBC approval and did not result in any actual or potential impact to protected matters. The issue has since been closed with both agencies.</p> <p>As part of the State Infrastructure Approval (SSI 8609189) initial independent audit undertaken in November 2023, two minor non-compliances (not related to the EPBC approval or protected matters) were raised. These related to:</p> <ul style="list-style-type: none"> CoA B12 – provision of electronic information on the project website, specifically, the exclusion of the project's Environmental Protection Licence (EPL) issued under the NSW Protection of the Environment Operations Act 1997 (this was published on the contractor's website). CoA E95 – use of heavy vehicles associated with the project on a local road without approval.
34	The approval holder must specify in the notification:	Not applicable	Not Triggered - There have been no incidents that have resulted in any (actual or potential) impacts to protected matters during the reporting period. There have also been no non-compliances raised or breaches identified against any EPBC



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	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 noncompliance. c) The location (including co-ordinates), date, and time of the incident and/or potential noncompliance and/or actual non-compliance		2020/8816 conditions or any commitments included in the plans (required under Condition 6) during the reporting period.
35	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 noncompliance, the details of that incident and/or potential non-compliance and/or actual noncompliance 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	Not applicable	Not Triggered - There have been no incidents or non-compliances raised or identified in relation to any protected matters specified in the EPBC 2020/8816 conditions or commitments to plans (required under Condition 6) during the reporting period.
36	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.	Not Applicable	Not Triggered during the reporting period.
37	For each independent audit, the approval holder must: a) Provide the name and qualifications of the nominated independent auditor, the draft audit criteria,	Not applicable	Not Triggered during the reporting period.



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	<p>and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit.</p> <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>		
38	Each audit report must report for the five-year period preceding that audit report	Not applicable	Not Triggered during the reporting period.
39	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.	Not applicable	Not Triggered during the reporting period.
40	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.	Not applicable	Not Triggered - The approval has effect until 31 December 2063
41	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	Not applicable	Not Triggered, as the project is still in construction.



Condition No	Condition Requirements	Compliance Status	Evidence/Comments
	electronically of the date of completion of the Action and provide completion data.		

Appendix A – Supporting Information

Table 2 - Indicative Clearing of Protected Matters

Figure Reference	Status (as of 17 February 2024)	Indicative Clearing Date (as of 17 February 2024, date indicates week commencing)
1 (Park Road West)	Not yet impacted / cleared	29 April 2024
2 (Park Road East)	Not yet impacted / cleared	29 April 2024
3 (Compound C6b)	Not applicable	Not applicable – compound not used by the project and no impact to <i>protected matters</i> .
4 (HBL property)	Not yet impacted / cleared	22 April 2024
5 (ED / Andreasen's)	Not applicable	Not applicable – methodology change from trenching to under-bore in this location, therefore no impact to <i>protected matters</i> .
6 (RBM12 area)	Not yet impacted / cleared	03 June 2024
7 (Shooting Centre)	Not applicable	Not applicable – from west to east, each protected matter grouping (PMG) is labelled 1 to 4. <ul style="list-style-type: none"> PMG1 – methodology change from trenching to under-bore in this location, therefore no impact to <i>protected matters</i>. PMG 2, 3 and 4 – groupings are located outside of the project boundary and are therefore not impacted by the project.
8 (WSP)	Not yet impacted / cleared	08 April 2024
9 (WSP access track)	Not applicable	Not applicable – alternative access track to the Western Sydney Parklands area not used by the project and therefore no impact to <i>protected matters</i> .
10 (Lansdowne Reserve)	Not yet impacted / cleared	29 April 2024

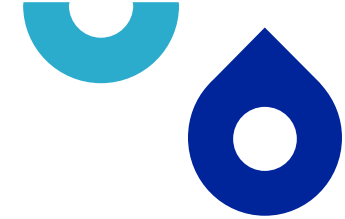


Table 3 - Plans and Implementation

Plan	Revision Status	Implementation Notes
Construction Environmental Management Plan (CEMP)	Rev A Issue date: 22/08/2023	<p>The CEMP has been implemented since the commencement of construction to ensure the USC project works complies with relevant legislation, EPBC 2020/8816 conditions, State Infrastructure Approval (SSI-8609189) and the EIS mitigation measures to minimise environmental risks through the implementation of the management measures documented in the plan. Over the reporting period, this has included the implementation of the monitoring and inspection program, reporting and closing any actions, incidents and/ or non-compliances and undertaking audits.</p> <p>Numerous construction ancillary facilities have been established to facilitate the project works, including minor and/ or additional ancillary facilities, following the process detailed in the CEMP for the assessment and endorsement of these. Project works, particularly those within or near sensitive environments or considered high-risk activities, such as works near waterways and listed vegetation (there have been no impacts or clearing of protected matters within the reporting period), have been assessed and planned using the detailed approach documented in the CEMP. This has included the development of site and/ or activity specific Environmental Work Method Statements (EWMS) and Site Environmental Plans.</p> <p>Site inductions have been undertaken for all staff involved on the project, including an environmental component. Additional training has been undertaken, including toolbox talks and activity specific training, such as vegetation clearing protocols and erosion and sediment control management and maintenance.</p>
Biodiversity CEMP Sub Plan (BCSP)	Rev D Issue date: 19/12/2023	<p>Mitigation and management measures detailed in the sub plan have been implemented since the commencement of construction to minimise the potential impacts to biodiversity as a result of the project. Clearing has been conducted within the conditional project clearing limits in accordance with the procedures detailed in the sub plan. No clearing of protected matters has been undertaken within the reporting period. Offsets for biodiversity credits were obtained prior to the commencement of construction and this was provided to the Department.</p> <p>Pre-clearing inspections, surveys and reports have been undertaken and prepared prior to clearing commencing to ensure only vegetation approved for removal was cleared. This included the implementation of measures for the removal of habitat trees and features and identify areas of weed infestation. Native vegetation clearing has been minimised to the greatest extent practicable to reduce impacts on Threatened Ecological Communities (TECs), threatened species and their habitat. During preclearing surveys, native vegetation or habitat features marked to be cleared were assessed for reuse opportunities. During the reporting period, this has included the retention and stockpiling of logs, trunks and root balls for use during future rehabilitation works on the project and the collection of branches as koala habitat and food sources by local wildlife parks.</p> <p>Pre-clearing inspections also assessed opportunities to retain vegetation within the project boundary. Numerous large mature trees and sections of the alignment with a high density of threatened species/ communities have been retained within the reporting period through design refinements and methodology changes, most notably in various locations in Western Sydney Parklands. This has been through a range of approaches, including the use of HDD rather than trenching, and the use of shoring boxes rather than benching trenches. Where vegetation was retained, the Project GIS and SEPs were updated to reflect the change to the impact area and “tree protection zone” signage and exclusion fencing was erected during the works in accordance with the protocol included in the sub plan. Where these changes involved minor alignment changes outside the impact area (that did not extend beyond the impact assessment area), these were assessed via consistency assessments. No</p>



Plan	Revision Status	Implementation Notes
		<p>vegetation has been cleared or disturbed outside the impact assessment area, including to areas of retained vegetation, during the reporting period.</p> <p>Weed management has been undertaken in accordance with the weed and pathogen management procedure included in the sub plan for areas disturbed by the project.</p> <p>Numerous fauna have been encountered onsite during the works, however, this has not involved any threatened species, and any fauna were managed and relocated in accordance with fauna rescue and release procedure developed as part of the sub plan. No in-stream works occurred during the reporting period, however, consultation was undertaken with various agencies in preparation for upcoming works.</p> <p>Site inductions have been undertaken for all staff involved on the project, including a biodiversity specific component detailing threatened species and communities located within or near the project, conditional clearing limits and mitigation measures to be implemented. Specific training has also been undertaken for those included in any vegetation clearing works.</p> <p>Amendments to the BCSP in the reporting period included a revised approach to risk ranking and weed management strategies, and removing the placeholder for the instream procedure, which was more relevant to, and included within, the SWGCSP.</p>
Heritage CEMP Sub Plan (HCSP)	Rev A Issue date: 22/08/2023	<p>The management measures of the HCSP have been implemented to avoid, minimise or manage impacts to items and areas of Aboriginal, non-Aboriginal, World and National Heritage significance. The Aboriginal and non -Aboriginal investigation, archival recording and salvage programs required under the State Infrastructure Approval, EIS and documented in the HCSP have largely been completed within the reporting period and the excavation and heritage reports are being drafted in accordance with condition requirements. This included additional assessments associated with MOD2 prepared for pipeline alignment changes assessed and approved by the NSW DPHI.</p> <p>The design has been refined in numerous locations to avoid or minimise impacts to heritage impacts, and no go zones have been designated within the project boundary to ensure areas are protected. For Aboriginal heritage, this has included increasing the length of the HDD within Western Sydney Parklands to avoid a listed Aboriginal heritage site (PAD-OS-5), adjusting work methodology to avoid any impacts near a high density artefact deposit at Wallacia (Wallacia AFT-1) and restricting the width of the pipeline corridor at Luddenham to minimise impacts on a moderately significant site (Elizabeth Drive AFT-1). For non-Aboriginal heritage, works have been managed to minimise impacts on the Upper Canal, with vibration monitoring undertaken during the HDD works under this heritage listed structure. The impact area within Fowlers Reserve was also reduced to avoid impacts on areas of moderate potential at Blaxland's Crossing.</p> <p>Works are managed to ensure there is no disturbance or adverse impact to heritage items outside the project boundary or retained heritage sites designated as protected no-go areas within the construction boundary, which are depicted on the project GIS and Sensitive Environment Plans. Clearance letters have been prepared for all heritage items/ areas approved for disturbance and the unexpected heritage finds and human remains procedure is implemented, as required.</p>



Plan	Revision Status	Implementation Notes
		Site inductions have been undertaken for all staff involved on the project, including a heritage specific component detailing areas of retained heritage significance on/ near the project and mitigation and control measures to be implemented. Specific training has also been undertaken for works in close proximity to areas of heritage significance, noting designated no-go zones.
Other Relevant Sub Plans (not required by Conditions)		
Surface Water and Groundwater CEMP Sub Plan (SWGCSPP)	Rev B Issue date: 12/01/2024	<p>The management measures of the SWGCSP have been implemented to avoid, minimise or manage impacts to surface water and groundwater. Since the commencement of construction, vegetation clearing (excluding clearing of protected matters) and earthworks have progressed within the construction footprint of the AWRC and active works areas of the pipeline alignments. Works along the pipeline alignment have been progressive and erosion and sediment (ERSED) controls have been installed around active work sites, supported by site-specific Erosion and Sediment Control Plans (ESCPs) developed in accordance with the ESC Procedure under the guidance of the CPESC. Pipeline works have been actively managed to limit the duration of open excavations. Regular inspections of ERSED controls, including pre and post rainfall, have been undertaken over the reporting period to ensure installed controls are maintained and effective. Training has been undertaken with personnel involved in the management of water and sediment controls on site. As pipeline works are completed, areas have been progressively stabilised and rehabilitation works have commenced.</p> <p>Horizontal Directional Drilling (HDD) has commenced and been completed in numerous locations along the pipeline alignments, particularly waterway crossings and areas of significant vegetation minimising environmental impacts. This has been undertaken in accordance with site specific ESCPs and Sensitive Environment Plans, with reference to the Drilling Fluid Management Procedure. No open trenching in waterways has been undertaken during the reporting period.</p> <p>Works at the AWRC have involved the establishment of the Onsite Detention Basin (OSD), which is being converted into a High Efficiency Sediment (HES) basin. The discharge of construction water offsite (after ensuring compliance with discharge criteria specified within the Environment Protection Licence (EPL)) has not occurred during the reporting period. All construction water captured on the AWRC and along the pipelines has been managed through site controls and mitigation measures in the sub plan in accordance with the Dewatering Procedure, eg pumping to OSD basin, reuse of water for dust suppression. Numerous large concrete pours have been undertaken at the AWRC during the construction of various structures. These have been managed to ensure washout water is appropriately managed in accordance with mitigation measures in the sub plan.</p> <p>Baseline and construction monitoring of waterways potentially impacted by the construction works has been undertaken over the reporting period, in accordance with the Surface Water Quality Monitoring Program (SWQMoP). Groundwater monitoring has also been undertaken at the AWRC in accordance with the Groundwater Quality Monitoring Program. Minimal groundwater has been encountered within excavations and trenches on the project.</p> <p>Amendments within the reporting period constituted a minor change under the CSSI planning approval and involved the inclusion of the in-stream works procedure, amendments to include project specific EPL information and minor revisions to the SWQMoP.</p>
Soil and contamination	Rev A	The management measures of the SCCSP have been implemented since the commencement of construction to avoid, minimise or manage contamination and soil risk in accordance with the Project's legal, planning, and contractual requirements.



Plan	Revision Status	Implementation Notes
CEMP Sub plan (SCCSP)	Issue date: 23/08/2023	<p>Remedial Action Plans (RAPs) have been prepared for both the AWRC site and pipelines during the reporting period. Detailed Site investigations (DSI) have been undertaken for the AWRC and pipelines for medium and high risk areas of environmental concern, in accordance with the Sampling and Analysis Quality Plan noted in the sub plan. The pipeline DSI is subject to further insitu testing during the pipeline installation works. These additional plans have been reviewed and approved by the EPA accredited Site Auditor and interim audit advice records have been obtained for each.</p> <p>All asbestos containing structures at the AWRC have been removed and disposed of offsite at licenced landfills during the initial demolition works and the remaining asbestos impacted soil was contained onsite in an encapsulation cell, a management approach detailed in the AWRC RAP. Asbestos finds along the pipeline during the reporting period were managed under the Unexpected Contamination Finds Procedure developed as part of the sub plan and assessed and disposed of offsite to licenced waste facilities. No ASS has been encountered and no other contamination, except buried asbestos in soil, has been unearthed. All contamination works for the project are managed by a site hygienist, in regular liaison with the Site Auditor, to ensure compliance with expected contamination management processes.</p> <p>Excess spoil from the pipelines has been relocated to the AWRC (after soil testing as part of the DSI program) and shaped into stockpiles for permanent placement, as assessed in the EIS.</p>



Appendix B - State Infrastructure Approval conditions (SSI 8609189) referenced in Conditions

State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes																		
C4	<p>The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Sub-plan. Details of all information requested by an agency during consultation must be provided to the Planning Secretary as part of any submission of the relevant CEMP Sub-plan, including copies of all correspondence from those agencies as required by Condition A9.</p> <table><tr><th>Required CEMP Sub-plan</th><th>Relevant government agencies to be consulted for each CEMP Sub-plan</th></tr><tr><td>a) Surface water and groundwater</td><td>EPA, EHG, DPE Water, DPI Fisheries, WaterNSW and relevant council(s)</td></tr><tr><td>b) Flood emergency response</td><td>EHG, SES, relevant council(s)</td></tr><tr><td>c) Soils and contamination</td><td>EPA and relevant council(s)</td></tr><tr><td>d) Biodiversity</td><td>EHG, DPI Fisheries and relevant council(s)</td></tr><tr><td>e) Noise and vibration</td><td>EPA, WaterNSW and relevant council(s)</td></tr><tr><td>f) Traffic and transport</td><td>TfNSW and relevant council(s)</td></tr><tr><td>g) Heritage (Aboriginal, non-Aboriginal, World and National heritage)</td><td>Heritage NSW, EHG, WaterNSW and relevant council(s)</td></tr><tr><td>h) Air quality</td><td>EPA and relevant council(s)</td></tr></table>	Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan	a) Surface water and groundwater	EPA, EHG, DPE Water, DPI Fisheries, WaterNSW and relevant council(s)	b) Flood emergency response	EHG, SES, relevant council(s)	c) Soils and contamination	EPA and relevant council(s)	d) Biodiversity	EHG, DPI Fisheries and relevant council(s)	e) Noise and vibration	EPA, WaterNSW and relevant council(s)	f) Traffic and transport	TfNSW and relevant council(s)	g) Heritage (Aboriginal, non-Aboriginal, World and National heritage)	Heritage NSW, EHG, WaterNSW and relevant council(s)	h) Air quality	EPA and relevant council(s)	3, 6, 7	The CEMP and sub-plans have been implemented since construction commenced on Monday 28 August 2023. The CEMP and relevant sub plans were made available to the listed agencies during the consultation process undertaken prior to the approval of the plans. The CEMP and sub plans were approved by the State Department (Department of Planning and Environment (DPE)) on 8 August 2023 and the CEMP and subplans (listed under condition 6) were approved by the Department on 23 August 2023.
Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan																				
a) Surface water and groundwater	EPA, EHG, DPE Water, DPI Fisheries, WaterNSW and relevant council(s)																				
b) Flood emergency response	EHG, SES, relevant council(s)																				
c) Soils and contamination	EPA and relevant council(s)																				
d) Biodiversity	EHG, DPI Fisheries and relevant council(s)																				
e) Noise and vibration	EPA, WaterNSW and relevant council(s)																				
f) Traffic and transport	TfNSW and relevant council(s)																				
g) Heritage (Aboriginal, non-Aboriginal, World and National heritage)	Heritage NSW, EHG, WaterNSW and relevant council(s)																				
h) Air quality	EPA and relevant council(s)																				
C5	<p>The CEMP Sub-plans must state how:</p> <p>(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;</p> <p>(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;</p>	3, 6	The CEMP Sub plans were developed to comply with all the listed requirements noted in the condition.																		



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
	(c) the relevant terms of this approval will be complied with; and (d) issues requiring management during construction (including cumulative impacts), as identified through ongoing environmental risk analysis, will be managed through SMART (Specific, Measurable, Achievable, Realistic and Timely) principles.		
C9	The Biodiversity CEMP Sub-Plan must be prepared by a suitably qualified and experienced ecologist and include, but not limited to: (a) details of the measures to avoid and minimise disturbance to native vegetation, and other habitat of native flora and fauna species; (b) procedures for undertaking pre-clearance surveys for native fauna, including surveys by a suitably qualified and experienced ecologist to determine the presence of native fauna in the areas impacted by Stage 1 of the CSSI, and procedures and measures to manage their relocation; (c) measures to prevent the spread of weeds, pathogens and to manage biosecurity; (d) protocols for incidental finds of threatened species and ecological communities within the construction boundary; (e) proposed passive roost exclusion measures over the vertical shaft at the Warragamba environmental flows release structure, as committed to in the documents listed in Condition A1.	3, 6	The Biodiversity CEMP Sub Plan (BCSP) addressed the requirements listed in the condition. This was verified when the sub plan was approved by DPE on 8 August 2023 under the State Infrastructure Approval and by the Department on 23 August 2023. The BCSP has been implemented on the project since construction commenced. Note clause C9e was deleted from the State Infrastructure Approval, on approval of MOD1 (determined on 26 May 2023), which removed the 4.5km environmental flow pipeline from the project scope.
C11	Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary.	3	Construction commenced on 28 August 2023, after approval of the CEMP and relevant sub plans by DPE on 8 August 2023 under the State Infrastructure Approval and by the Department on 23 August 2023.



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
C12	The CEMP and CEMP Sub-plans as approved, including any minor amendments approved by the ER, must be implemented for the duration of construction of Stage 1 of the CSSI.	3	<p>The CEMP and sub plans were approved prior to construction and have been implemented since construction commenced. Minor amendments to CEMP sub plans have been endorsed by the ER (required under the State Infrastructure Approval), and where these included revisions to the plans detailed in Condition 6, they have also been provided to the Department (refer to Conditions 12 and 13). Subplans that have been amended within the reporting period include:</p> <ul style="list-style-type: none"> • CEMP and each sub plans listed under State Infrastructure Approval – revised to Rev A on 23/08/23 to reflect IFC status (no content change) • Biodiversity CEMP Sub Plan (BCSP) – Rev B, dated 25/09/23 • BCSP – Rev C, dated 10/11/23 • BCSP – Rev D, dated 19/12/23 • Surface Water and Groundwater CEMP Sub Plan (SWGCSPP) – Rev B, dated 12/01/24
E12	The clearing of native vegetation must be minimised to the greatest extent practicable with the objective of reducing impacts to threatened ecological communities, threatened species and their habitat.	4	Clearing impacts were assessed within the EIS, however, the project has sought opportunities to reduce clearing, wherever possible. Where these involve minor alignment changes outside the impact area, but within the impact assessment area (not involving protected matters), these are assessed via consistency assessments. Post clearing reports will be prepared to document the extent of clearing and the calculation of actual areas and specimens cleared.
E13	Impacts to plant community types and species credit species must not exceed those identified in Table 5 and Table 6.	4	Clearing of vegetation has been undertaken within the reporting period, however this did not involve clearing of any protected matters. Clearing of vegetation was managed to ensure no exceedance to clearance limits for plant community types and species detailed in State Infrastructure Approval. Pre-clearing inspections and reports assessed clearing extents to ensure only vegetation approved for removal was cleared and there was no exceedance to clearing limits, along with the implementation of measures to clear of habitat trees and features. Post clearing reports will be prepared to document the extent of clearing and the calculation of actual areas and specimens cleared.



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
E14	<p>Prior to impacts on the biodiversity values of Stage 1 of the CSSI, the number and classes of ecosystem credits and species credits (like-for-like) as set out in Table 5 and Table 6, must be retired. The retirement of the credits must be carried out in accordance with the Biodiversity Conservation Act 2016, and can be achieved by:</p> <p>(a) acquiring and retiring “biodiversity credits” within the meaning of the BC Act; and / or</p> <p>(b) making a payment into the Biodiversity Conservation Fund of an amount equivalent to the class and number of ecosystem and species credits, as calculated by the Biodiversity Offsets Payment Calculator; and/or</p> <p>(c) funding a biodiversity conservation action that benefits the entity impacted and is listed in the ancillary rules of the biodiversity offset scheme.</p>	4, 5	<p>Prior to impacts on biodiversity values, biodiversity credits were obtained. Evidence of this was provided to the Department on 4 July 2023 via email to the post approval email listed in the Approval, in accordance with Condition 5. The Biodiversity Credits for the project comprised:</p> <ul style="list-style-type: none"> • Payment and confirmation of purchase and retirement of credits to the Biodiversity Conservation Fund (BCF), as evidenced by the provided statement dated 2/06/23, with reference no. BCF557; and • Transfer and retirement of previously held biodiversity offsets, as evidenced by the provided correspondence from the DPE Biodiversity Offset Scheme Credits team issued 27/06/23, with retirement case ID: 00041471/CRE/RET. This was also evidenced on the provided extract of the transactions register sourced from the BOS Public Register. <p>A copy of this correspondence is included in Appendix C.</p>
E15	<p>Where evidence of compliance with the Ancillary rules: Reasonable steps to seek like-for-like biodiversity credits (OEH, 2017) for the purpose of applying the variation rules has been provided to the Planning Secretary, variation rules may be applied to retire the relevant ecosystem credits and species credits as set out in the BAM Biodiversity Credit Biodiversity Report (Variation). The variation rule does not apply to biodiversity credits for threatened species or threatened ecological communities that are listed as critically endangered under the Biodiversity Conservation Act 2016 or listed in any capacity under the Environment Protection and Biodiversity Conservation Act 1999.</p> <p>Note: “Impacted site” in the application of the like-for-like offset rules is taken to be the subject land described in the Biodiversity Development Assessment Report and</p>	4, 5	Not relevant, ancillary and variation rules not pursued for the project.



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
	Project Amendments: Biodiversity Assessment referred to in Condition A1. The subject land is the disturbance footprint subject to assessment under the Biodiversity Assessment Method.		
E16	Evidence of the retirement of credits in satisfaction of Condition E14 must be provided to the Planning Secretary prior to impacts on biodiversity values.	4, 5	Evidence of the retirement of biodiversity credits was provided to DPE under the State Infrastructure approval on 4 Jul 2023 along with the Department in accordance with condition 5 on the same date.
E23	Stage 1 of the CSSI must maximise the reuse of native vegetation and other habitat features that have been approved for removal. Where reuse by the CSSI is not possible, relevant council(s), NSW National Parks & Wildlife Service, Western Sydney Parklands Trust, Greater Sydney Local Land Services, local Landcare groups, DPI Fisheries and any additional relevant government agencies must be consulted prior to the removal of vegetation and other habitat to determine if: (a) hollows, tree trunks (greater than 25-30 centimetres in diameter and 2-3 metres in length), mulch, bush rock and root balls salvaged from native vegetation impacted by the CSSI; and (b) collected plant material, seeds and/or propagated plants from native vegetation impacted by the CSSI, could be used by others in habitat enhancement and rehabilitation activities, before pursuing other disposal options. If the native vegetation and other habitat features can be reused by others, the Proponent must advise them and facilitate access for salvage.	3	During preclearing surveys, native vegetation or habitat features that are marked for clearing are identified and opportunities for reuse have been sought. This has included the retention and stockpiling of logs, trunks and root balls for use during future rehabilitation works on the project. Where a use on the project has not been identified, opportunities for reuse by others have been investigated. This has included consultation with local council, local wildlife parks and Western Sydney Parklands.
E119	The Proponent must develop and implement an ongoing Water Quality Monitoring Program (WQMP) to assess the impacts of the AWRC effluent discharges on water quality. The WQMP must include:	3, 8	This is a pre-operational requirement – not yet triggered Note – wording specific to the Environmental Flows pipeline component of works was removed, with the determination of MOD1,



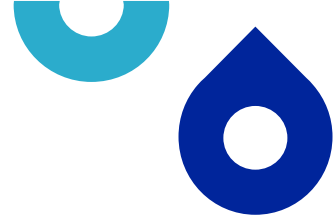
State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
	(a) monitoring of treated effluent from the AWRC under different release streams; (b) monitoring of waterways that may be impacted by AWRC discharges (including comparison with baseline and upstream conditions). Monitoring must include upstream and downstream ambient water quality monitoring of receiving waters that may be impacted by the proposed Warragamba River release outlet, consistent with the documents listed in Condition A1; (c) details of the sampling frequency, analysis, and locations used in the program; (d) reporting requirements for the program to the EPA, including consideration of any expanded Beachwatch monitoring program in the Hawkesbury Nepean catchment.		which removed the 4.5km environmental flow pipeline from the project scope.
E120	The WQMP required under Condition E119 must be submitted to the EPA for review at least 18 months prior to the commencement of operation of Stage 1 of the CSSI, and must be approved by the EPA and submitted to the Planning Secretary for information at least one year prior to the commencement of operation of Stage 1 of the CSSI.	3	This is a pre-operation requirement – not yet triggered
E132	The Proponent must prepare a World Heritage Monitoring Program (WHMP) to verify whether potential impacts on the Greater Blue Mountains Area World Heritage property and National Heritage place during Stage 1 of the CSSI are in accordance with impacts assessed in the documents listed in Condition A1. The WHMP must be prepared in consultation with EHG and submitted to the Planning Secretary and EHG for information prior to the commencement of operation of Stage 1 of the CSSI. The WHMP must include, but not necessarily limited to:	3, 8	This is a pre-operation requirement – not yet triggered



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
	(a) baseline and post-commissioning monitoring of representative attributes that: <ul style="list-style-type: none"> (i) contribute to the Outstanding Universal Value (OUV) of the Greater Blue Mountains Area; and (ii) are identified in the documents listed in Condition A1 as potentially impacted during Stage 1 of the CSSI; (b) relevant water quality monitoring data; and (c) photos at each monitoring point.		
E133	Within twelve months after the commencement of operation of Stage 1 of the CSSI, and every year thereafter, unless otherwise agreed by the Planning Secretary, the Proponent must prepare an annual World Heritage monitoring report. The World Heritage monitoring report must include, but not necessarily limited to: <ul style="list-style-type: none"> (a) analysis of results from the WHMP under Condition E132, including verifying whether potential impacts are as predicted in the documents listed in Condition A1; (b) mitigation measures proposed, where the WHMP under Condition E132 identifies an impact on the Blue Mountains World Heritage Property and National Heritage place, that is attributable to the project and exceeds the impacts described in the documents listed in Condition A1; (c) effectiveness of mitigation measures implemented, and any necessary additional mitigation measures; and (d) any corrective actions that may be required and/or have been employed. The World Heritage monitoring report must be provided to EHG for information within one month of completion of each annual report.	3, 10	This is a post operation requirement – not yet triggered



State Infrastructure Approval Condition No	Condition	Referred to under 2020/8816 Condition No	Additional Notes
E134	No Work within Blue Mountains National Park (part of the Greater Blue Mountains Area) is to occur as part of Stage 1 of the CSSI (such as for investigations, monitoring or temporary construction compounds), unless authorisation is granted by the NSW National Parks and Wildlife Service under the National Parks and Wildlife Act 1974 (NPW Act) or the National Parks and Wildlife Regulation 2019.	3	No work or investigation have been undertaken within the Blue Mountains National Park.
C-B1	Prior to the discharge of any primary treated wet weather discharges from the AWRC, the Proponent must provide evidence to the Planning Secretary and the EPA that all reasonable and feasible measures have been implemented to minimise stormwater infiltration into the AWRC sewer catchment. This evidence must include confirmation of sewer planning, design and construction and quality assurance measures to ensure low infiltration into the AWRC sewer catchment.	3	This is a pre-operation requirement (wet weather contingency) – not yet triggered
C-B7	Five years after the commencement of operation of Stage 1 of the CSSI, the Proponent must submit to the Planning Secretary and the EPA for information, an updated projection for when any potential future Stage 2 upgrade of the AWRC will be required to manage more than 50 ML/day ADWF, including: (a) the nature and degree of future impacts on receiving waters from the AWRC until any potential future Stage 2 upgrade occurs; and (b) whether the discharges from the future scenario in Condition C-B7(a) are protective of or contribute toward the achievement of the objectives, trigger values and/or criteria for water quality outlined in Condition C-B4(c).	3	This is a post operation requirement – not yet triggered



Appendix C – Copies of Correspondence Sent during Reporting Period

From: Cheryl Cahill <CHERYL.CAHILL@sydneywater.com.au>

Sent: Wednesday, 10 May 2023 3:48 PM

To: Glover, Kimberly <Kimberly.Glover@dcceew.gov.au>

Cc: PostApproval@environment.gov.au; Cameron Varricchio <CAMERON.VARRICCHIO@sydneywater.com.au>; Gill Fowler <GILL.FOWLER@sydneywater.com.au>

Subject: EPBC 2020/8816 - submission of Construction Environmental Management Plan (CEMP) and sub-plans for Biodiversity and Heritage

Hi Kimberly,

In accordance with conditions 6 and 7 of the EPBC approval (EPBC 2020/8816) for the Upper South Creek Advanced Water Recycling Centre and Pipelines Project, the Construction Environmental Management Plan (CEMP) and sub-plans for Biodiversity (sub-plan C4 (d)) and Heritage (sub-plan C4 (g)) as required under relevant State Infrastructure Approval conditions, are to be submitted to DCCEEW.

These have now been added to the Sig Box share file folder provided for Commonwealth Minister approval.

These plans have been developed by our delivery partner, John Holland, and have been subject to agency consultation, as required under the State Infrastructure Approval (CSSI 8609189). They have also been internally reviewed by Sydney Water and have been reviewed and endorsed by the independent Environmental Representative approved for the project, prior to their submission to you and the Department of Planning and Environment (DPE)(NSW) for approval.

It has been noted in other project correspondence, that DCCEEW document review and workloads are currently higher than normal. We are seeking approval of these plans by 16 June 2023 to meet our planned construction commencement and mobilisation dates. Construction commencement is on the critical path to ensure Sydney Water can meet its commitments to provide these new wastewater services to Western Sydney. Could you please let me know if this timeframe is not achievable.

Thanks and regards,

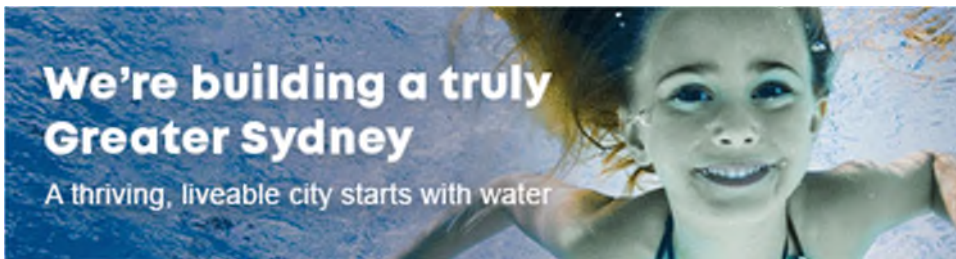
Cheryl Cahill
Environment Lead
Major Projects

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

Level 10, 1 Smith Street
Parramatta NSW 2150

I work Mondays, Tuesdays and Fridays

Sydney
WATER



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[Read more](#) about our commitment to reconciliation.



Cheryl Cahill

From: Cheryl Cahill
Sent: Tuesday, 4 July 2023 2:37 PM
To: PostApproval@environment.gov.au
Cc: Cameron Varricchio
Subject: EPBC ref: 2020/8816: Retirement of biodiversity credits
Attachments: BCF557 - Section 6.33 Certificate - SIGNED.PDF; extract of BOAMCreditTransactionSaleExport_pdf.pdf; transferred credits retirement 270623.pdf

To whom it may concern,

As required in EPBC approval 2020/8816 Condition 5, Sydney Water must notify the department within 10 business days of the biodiversity credits being retired in accordance with conditions E14, E15 and E16 of the State Infrastructure Approval. A concurrent notification has been provided to NSW DPE to provide evidence of the retirement of the required biodiversity credits in accordance with E16 to satisfy the requirements under Condition E14 prior to any impacts on biodiversity values (Condition E15 has not been triggered). The Biodiversity Credits comprise:

- Payment and confirmation of purchase and retirement of credits to the Biodiversity Conservation Fund (BCF), as evidenced by the attached statement dated 2/06/23, with reference no. BCF557; and
- Transfer and retirement of previously held biodiversity offsets, as evidenced by the attached correspondence from the DPE Biodiversity Offset Scheme Credits team issued 27/06/23, with retirement case ID: 00041471/CRE/RET. This is also evidenced on the attached extract of the transactions register sourced from the BOS Public Register (<https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity-offsets-scheme/buying-selling-credits-market-information/biodiversity-offsets-scheme-public-registers>).

The retirement of the required biodiversity credits from the 2 sources are further detailed in the two tables below, to demonstrate compliance with the State Infrastructure Approval (SSI-8609189 - Consolidated Approval following Modification 1). Notification was withheld until the total quantity of the required biodiversity credits were retired and evidence was provided.

Ecosystem Credits to be Retired (from Table 5 of the State Infrastructure Approval)

Plant Community Type (PCT) ID and name	No of credits required and retired	Source
724: Broad-leaved Ironbark – Grey Box – Melaleuca decora grassy open forest on clay/ gravel soils of the Cumberland Plain, Sydney Basin Bioregion	40	BCF
725: Broad-leaved Ironbark – Melaleuca decora shrubby open forest on clay soils of the Cumberland Plain, Sydney Basin Bioregion	1	BCF
835: Forest Red Gum – Rough-barked Apple grassy woodland on alluvial flats of the Cumberland Plain, Sydney Basin Bioregion	98	98 BCF
849: Grey Box – Forest Red Gum grassy woodland on flats of the Cumberland Plain, Sydney Basin Bioregion	110	47 BCF 63 Transfer
1105: River Oak open forest of major streams, Sydney Basin Bioregion and South East Corner Bioregion	2	BCF
1800: Swamp Oak open forest on riverflats of the Cumberland Plain and Hunter valley	15	BCF
TOTAL ECOSYSTEM CREDITS	266	

Species Credits to be retired (from Table 6 of the State Infrastructure Approval)

Species	No of credits required and retired	Source
Downy Wattle (<i>Acacia pubescens</i>)	4	BCF
<i>Marsdenia viridiflora</i> subsp. <i>viridiflora</i>	3	BCF
Spiked Rice-flower (<i>Pimelea spicata</i>)	41	BCF
Sydney Bush-pea (<i>Pultenaea parviflora</i>)	1	BCF
Large-eared Pied Bat (<i>Chalinolobus dwyeri</i>)	49	Transfer
Cumberland Plain Land Snail (<i>Meridolum corneovirens</i>)	175	52 BCF 123 Transfer
Southern Myotis (<i>Myotis macropus</i>)	149	BCF
TOTAL SPECIES CREDITS RETIRED	422	

Should you have any queries in relation to this submission, please contact me on the methods details below.

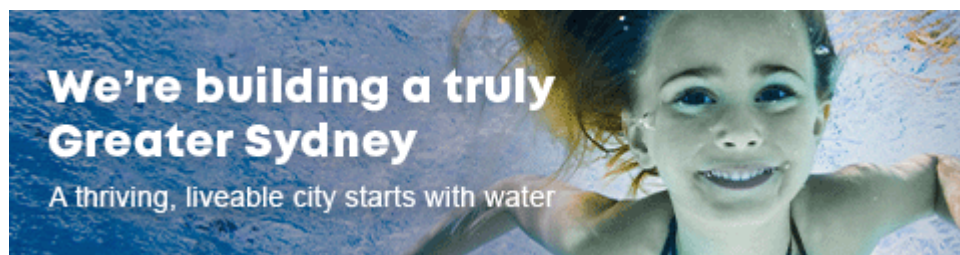
Thanks and regards,

Cheryl Cahill
Environment Lead
Major Projects

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

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Parramatta NSW 2150

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[Read more](#) about our commitment to reconciliation.

Cheryl Cahill

To: Cheryl Cahill
Subject: FW: [External] BOS Retirement of biodiversity credits - RETIRE69 approved

Below is further proof of retirement of BOS credits for your records.

Date of issue	27/06/2023
Credit Owner Name	Sydney Water Corporation
Retirement Case ID	00041471/CRE/RET
Source BSA	BS0027
Credit Holding ID	CH-205
Planning approval reference	SSI 8609189
Ecosystem credits	
Credit ID	CR-23251
Number of credits	63
PCT Name	Cumberland shale plains woodland
PCT ID	849
Offset trading group	Cumberland Plain Woodland in the Sydney Basin Bioregion
Vegetation class	Coastal Valley Grassy Woodlands
Vegetation Formation	Grassy Woodlands
IBRA Subregion	Cumberland
Hollow Bearing Trees	Yes (including artificial)
Species credits	
Credit ID	CR-23252
Number of credits	49
Species ID	10157
Scientific Name	<i>Chalinolobus dwyeri</i>
Common Name	Large-eared Pied Bat
Species credits	
Credit ID	CR-23253
Number of credits	123
Species ID	10526
Scientific Name	<i>Meridolum corneovirens</i>
Common Name	Cumberland Plain Land Snail

Kind Regards,
Biodiversity Offset Scheme Credits Team

Biodiversity & Conservation Division
Department of Planning and Environment
<https://www.environment.nsw.gov.au/biodiversity/bos-help-advice.htm>



*The Department of Planning and Environment acknowledges that it stands on Aboriginal land.
We acknowledge the traditional custodians of the land and we show our respect for elders past, present
and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing
commitment to providing places in which Aboriginal people are included socially, culturally and economically.*



Department of Planning and Environment

This email is intended for the addressee(s) named and may contain confidential and/or privileged information.
If you are not the intended recipient, please notify the sender and then delete it immediately.
Any views expressed in this email are those of the individual sender except where the sender expressly and with
authority states them to be the views of the NSW Office of Environment, Energy and Science.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL



Statement confirming payment into the Biodiversity Conservation Fund for an offset obligation

Pursuant to section 6.33 of the *Biodiversity Conservation Act 2016*, the NSW Biodiversity Conservation Trust confirms that the following payments have been made into the Biodiversity Conservation Fund under section 6.30(1) of the Act to satisfy an obligation to retire biodiversity credits.

Payment made by:	Sydney Water Corporation				
Date received:	02 June 2023				
NSW statutory obligation reference ¹	SSI 8609189				
Commonwealth EPBC Act controlled action reference (if applicable) ²	N/A				
BCT Reference	BCF557				
Biodiversity credit retirement obligations satisfied by payment to the Biodiversity Conservation Fund:					
Biodiversity credit type	Offset trading group	EPBC Act Controlled Action offset obligation (Y / N)	Number of credits	Cost per credit (Exc. GST)	Total payment per credit type (Exc. GST)
724 - Castlereagh shale - gravel transition forest	Shale Gravel Transition Forest in the Sydney Basin Bioregion	N	40	\$32,294.41	\$1,291,776.43
725 - Castlereagh Ironbark forest	Cumberland Dry Sclerophyll Forests >=90%	N	1	\$46,407.34	\$46,407.34
835 - Cumberland riverflat forest	River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	N	98	\$26,516.88	\$2,598,654.24
849 - Cumberland shale plains woodland	Cumberland Plain Woodland in the Sydney Basin Bioregion	N	47	\$40,436.91	\$1,900,534.55

¹This refers to either; a development application number for a development consent under Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act), a State significant infrastructure approval under the previous Part 5.1 (now Part 5, Division 5.2) of the EP&A Act, a decision of a determining authority to carry out or approve the carrying out of an activity under Part 5 of the EP&A Act, or a biobank statement number or biodiversity certification number.

² This refers to a controlled action under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999* for which a biodiversity offset obligation has been met through payment into the BCF.

1105 - River Oak open forest of major streams, Sydney Basin Bioregion and South East Corner Bioregion	Eastern Riverine Forests <50%	N	2	\$9,910.32	\$19,820.63
1800 - Cumberland Swamp Oak riparian forest	Swamp Oak Floodplain Forest of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	N	15	\$24,902.67	\$373,540.05
10023 - <i>Acacia pubescens</i> (Downy Wattle)	<i>Acacia pubescens</i> (Downy Wattle)	N	4	\$1,308.77	\$5,235.08
10508 - <i>Marsdenia viridiflora</i> R. Br. subsp. <i>viridiflora</i> population in the Bankstown, Blacktown, Camden, Campbelltown, Fairfield, Holroyd, Liverpool and Penrith local government areas	<i>Marsdenia viridiflora</i> R. Br. subsp. <i>viridiflora</i> population in the Bankstown, Blacktown, Camden, Campbelltown, Fairfield, Holroyd, Liverpool and Penrith local government areas	N	3	\$1,019.91	\$3,059.73
10632 - <i>Pimelea spicata</i> (Spiked Rice-flower)	<i>Pimelea spicata</i> (Spiked Rice-flower)	N	41	\$1,908.71	\$78,257.11
10715 - <i>Pultenaea parviflora</i>	<i>Pultenaea parviflora</i>	N	1	\$2,508.65	\$2,508.65
10526 - <i>Meridolum corneovirens</i> (Cumberland Plain Land Snail)	<i>Meridolum corneovirens</i> (Cumberland Plain Land Snail)	N	52	\$719.94	\$37,436.88
10549 - <i>Myotis macropus</i> (Southern Myotis)	<i>Myotis macropus</i> (Southern Myotis)	N	149	\$1,308.77	\$195,006.73
Total (Exc. GST)					\$6,552,237.41
GST					\$655,223.74
Total (Inc. GST)					\$7,207,461.16



Emily McCosker 15/06/2023

Director Strategy & Finance

Biodiversity Offset Credit Transaction Report

Date and Time Extracted: 4/07/2023 10:36 AM

Transaction Date	Transaction ID	Transaction Status	Transaction Type	From	To	Plant Community Type	Offset Trading Group	Vegetation Formation	Scientific Name	Common Name	Number Of Credits	Price Per Credit (Ex-Gst)	Retirement Reason	Reference Number of Obligation	Address of Obligation	Local Government Area of Obligation	Date of Consent Approval
June 27, 2023	00041471	Completed	Retire	CR-5548	CR-23251	Cumberland shale plains woodland	Cumberland Plain Woodland in the Sydney Basin Bioregion	Grassy Woodlands			63	0	For the purpose of complying with a requirement to retire biodiversity credits of a planning approval or a vegetation clearing approval	SSI 8609189	Linear pipeline development for multiple locations	Wollondilly Shire, Penrith City, Liverpool City, Fairfield City and City of Canterbury-Bankstown	November 28, 2022
June 27, 2023	00041471	Completed	Retire	CR-5552	CR-23252				Chalinolobus dwyeri	Large-eared Pied Bat	49	0	For the purpose of complying with a requirement to retire biodiversity credits of a planning approval or a vegetation clearing approval	SSI 8609189	Linear pipeline development for multiple locations	Wollondilly Shire, Penrith City, Liverpool City, Fairfield City and City of Canterbury-Bankstown	November 28, 2022
June 27, 2023	00041471	Completed	Retire	CR-5553	CR-23253				Meridolum corneovirens	Cumberland Plain Land Snail	123	0	For the purpose of complying with a requirement to retire biodiversity credits of a planning approval or a vegetation clearing approval	SSI 8609189	Linear pipeline development for multiple locations	Wollondilly Shire, Penrith City, Liverpool City, Fairfield City and City of Canterbury-Bankstown	November 28, 2022

Cheryl Cahill

From: Cheryl Cahill
Sent: Monday, 28 August 2023 11:50 AM
To: EPBC Monitoring
Cc: Glover, Kimberly; Cameron Varricchio
Subject: 2020/8816: Notification of commencement of construction
Attachments: DCCEEW C22 letter commencement of construction works 280823_signed.pdf

To whom it may concern,

Please find attached letter notifying the commencement of construction on the Upper South Creek Advanced Water Recycling Centre project, in accordance with condition 22 of the EPBC 2020/ 8816 approval.

Please advise if you have any queries regarding this submission, via the methods listed below.

Thanks and regards,

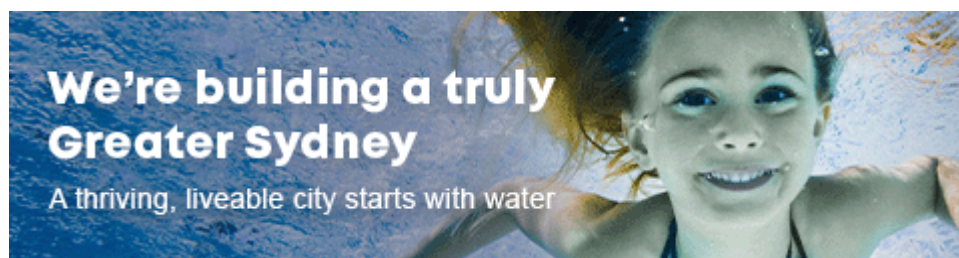
Cheryl Cahill
Environment Lead
Major Projects

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

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Department of Climate Change, Energy, the Environment and Water
GPO Box 3090
Canberra ACT 2601

Via email: to epbcmonitoring@dcceew.gov.au

28 August 2023

To whom it may concern,

Upper South Creek Advanced Water Recycling Centre (EPBC 2020/ 8816): Notification of commencement of construction in accordance with Condition 22

I refer to the Upper South Creek Advanced Water Recycling Centre project approved by the Department on the 17 February 2023.

In accordance with condition 22, Sydney Water seek to notify the Department of the commencement of construction, expected to start from 28th August 2023.

It is noted that the CEMP and relevant sub-plans required under EPBC 2020/8816 were approved by the Minister on 23 August.

Should you have any queries in relation to this submission, please me to 0456 666 573 or Cheryl.Cahill@sydneywater.com.au.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Cheryl Cahill".

Cheryl Cahill

Environment Lead – Major Projects

Upper South Creek Advanced Water Recycling Centre Project
Sydney Water

Cheryl Cahill

From: Cheryl Cahill
Sent: Friday, 1 September 2023 4:44 PM
To: EPBC Monitoring; PostApproval@environment.gov.au
Cc: Glover, Kimberly
Subject: USC 2020-8816 - Revision of action management plans

To whom it may concern,

Following the approval of the CEMP and relevant sub-plans required under condition 7 on 23/08/23, the plans were updated to reflect that they were now issued for construction (IFC).

There is no material change to these documents, only the revision number has been updated to Rev A.

In accordance with conditions 12 and 13, these plans have been provided electronically to the Department via the SigBox link previously utilised for document transmittal.

If you have any queries regarding this submission, please contact me on the methods below.

Thanks and regards,
Cheryl

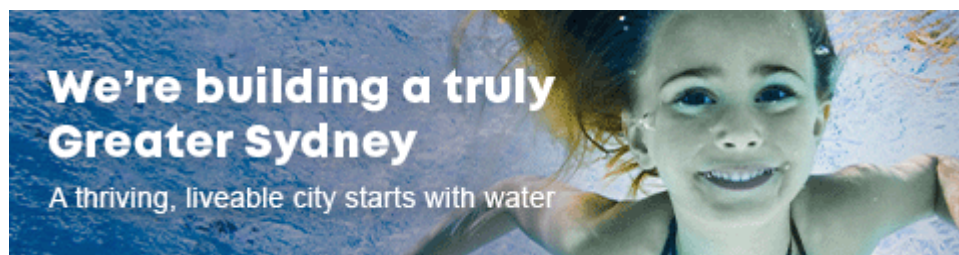
Cheryl Cahill
Environment Lead
[Major Projects](#)

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WATER



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Cheryl Cahill

From: Cheryl Cahill
Sent: Monday, 23 October 2023 12:52 PM
To: PostApproval@dcceew.gov.au
Cc: Glover, Kimberly
Subject: EPBC 2020/ 8816 - USC minor amendment to BCSP - in accordance with conditions 12 and 13
Attachments: DCCEEW amendment to BCSP 231023_signed.pdf; 231009_L_USC_BCSP_RevB_ER Endorsement.pdf; 231019 - Approval of Plan Strategy or Study - BSP.pdf; BCSP Appendix F - Weed and Pathogen Management Plan (Rev B)_101023 update.docx; USCP-JHG-MPL-ENV-0004 Biodiversity CEMP Sub-plan (Rev B)_track changes_101023 update (1).docx

Hello,

Since the approval of the BCSP, minor amendments have been made, particularly to Appendix F (Weed and Pathogen Management Procedure), to include a revised approach to risk determination of weed species and the subsequent weed management measures.

Please refer to attached letter and tracked change word documents of the BCSP noting the extent of the revisions, including the provision of specialist advice.

I am currently having problems sharing the clean and consolidated version of the document, as the document is large and the requested SigBox link has not yet been received. However, I will seek to address this issue asap.

Please let me know if you wish to discuss the matter further on the contact details noted below.

Thanks and regards,
Cheryl

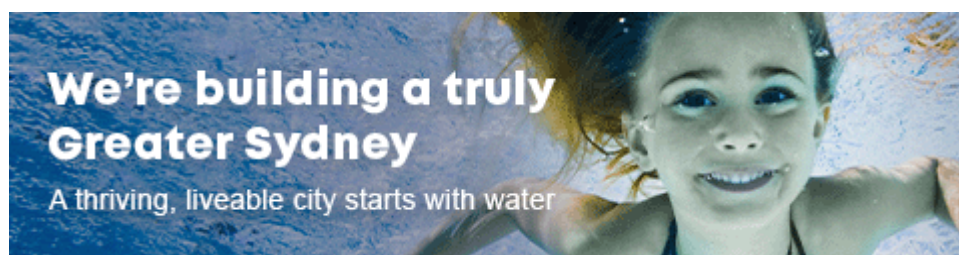
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Department of Climate Change, Energy, the Environment and Water
GPO Box 3090
Canberra ACT 2601
(sent via email to PostApproval@dcceew.gov.au, CC: Kimberly Glover)

Attn: Kimberley Glover

23 October 2023

Dear Ms. Glover,

Upper South Creek Advanced Water Recycling Centre (EPBC ref 2020/ 8816): Revision to the Biodiversity CEMP Sub-Plan (BCSP), Revision B

In accordance with Conditions 6, 7 and 8 of the EPBC 2020/8816 approval, a Biodiversity CEMP Sub-Plan (BCSP) is to be developed, approved and implemented for the duration of the project works. Approval of this plan was received by DCCEEW on 23/08/2023.

Since the approval of the BCSP, minor amendments have been made, particularly Appendix F (Weed and Pathogen Management Procedure), to include a revised approach to risk determination of weed species and the subsequent weed management measures.

Conditions 12 and 13 states that have if an action management plan, such as the BCSP, has been revised and it is not expected to result in any new or increased impact, then it can be prepared without submitting it for Minister approval. In accordance with Condition 13a, several requirements are also required to be provided if this option is pursued, including:

- i) Clean and consolidated pdf is provided along in the email
- ii) Tracked changes version of both the BCSP and the Weed and Pathogen Procedure are also included in the email
- iii) The amendments made incorporate advice received from the Biosis who are providing the project with ecology consultancy support. All changes within the BCSP (including the Appendix F procedure) have been carried out to address the following points:
 - Re-defining and distinguishing between low, moderate and high-risk weeds by taking into consideration the risk of dispersibility.
 - Addressing the requirement of reusing topsoil containing pathogens, specifically Phytophthora.
 - Addressing management measures associated with high-risk and moderate risk weeds.

iv) The minor amendments to the BCSP Revision B are not considered significant, was endorsed by the DPE approved Environment Representative (ER) and the revised BSCP has also been accepted by NSW DPE.

The project sought advice from Biosis to ensure the changes made to weed and pathogen management would not increase or introduce new impacts to the project area. The alternative approach to management measures in the revised BCSP remains consistent with the aims and performance outcomes in the currently approved BCSP (Rev A). Due to the nature and extent of weeds within the project area, Biosis confirmed that updating the definitions for weed species risk levels would be an appropriate way to manage weeds and improve the practicality of management measures. Where Phytophthora is present within the project boundary, it has been determined appropriate to reinstate the infested soil within areas of the same infestation. Phytophthora is a soil borne pathogen that can spread with the movement of soil, plant material and water. Where the surrounding area is infested, it would not be deemed appropriate to introduce clean soil as the pathogen would spread. The project will contain the pathogen on site and will implement the appropriate measures to prevent spread of the pathogen to un-infested areas.

v) The approval holder will implement the revised BCSP at least 20 business days from providing this notice, therefore will commence implementation from Tuesday 21/11/23.

Should you have any queries in relation to this submission, please contact me on either 0456 666 573 or Cheryl.Cahill@sydneywater.com.au.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Cahill".

Cheryl Cahill

Environment Lead – Major Projects

Upper South Creek Advanced Water Recycling Centre Project

Sydney Water



9 October 2023

Cheryl Cahill
Sydney Water Major Projects - Environment Lead
Sydney Water
Level 11, 1 Smith Street
Parramatta NSW 2150

By Email: cheryl.cahill@sydneywater.com.au

Dear Cheryl,

**SSI-8609189 – Upper South Creek Advanced Water Recycling Centre
Environmental Representative (ER) – Endorsement of revised Biodiversity CEMP Sub-plan**

Pursuant to SSI-8609189 Condition A28(d)(i), I have reviewed the following document as required under SSI-8609189 Condition C4(d):

- Upper South Creek Advanced Water Recycling Centre and Pipelines
Biodiversity CEMP Sub-plan (BCSP) - Document Number: USCP-JHG-MPL-ENV-0004
Revision B, dated 25/09/2023

Minor amendments have been made to the previous approved version of the document, particularly Appendix F (Weed and Pathogen Management Procedure), to include a revised approach to risk determination of weed species and the subsequent weed management measures including management of impacted soils.

In my opinion, the document remains consistent with the requirements in or under the terms of SSI-8609189 as applicable to the construction of the Upper South Creek Advanced Water Recycling Centre Project.

Please feel free to contact me if you require anything further or would like to discuss.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Ben Bracken", written over a light blue circular stamp.

Ben Bracken

Environmental Representative
Upper South Creek Advanced Water Recycling Centre Project
BBEnviro Pty Ltd
Phone: 0410 409 897
Email: ben.bracken@bbenviro.com.au

Our ref: SSI-8609189-PA-56

Cheryl Cahill
Environment Lead - Major Projects
Sydney Water Corporation
1 SMITH STREET
PARRAMATTA NSW 2150

19/10/2023

Subject: Upper South Creek Advanced Water Recycling Centre (SSI-8609189-PA-56): Revision to the Biodiversity CEMP Sub-Plan (BCSP)

Dear Ms Cahill,

I refer to the Revised Biodiversity CEMP Sub-Plan (BCSP) (Rev B, 25/09/2023) submitted in accordance with Condition C4(d) and C12, Schedule 5(28) of the State Environment Planning Policy (Planning Systems) 2021 for Upper South Creek Advanced Water Recycling Centre (CSSI 8609189).

I note that the original BCSP:

- was prepared in consultation with Environment & Heritage Group, NSW Department of Primary Industries (DPI), Fisheries NSW, Wollondilly Shire Council, Penrith City Council, Liverpool City Council, Fairfield City Council, Canterbury-Bankstown City Council, Western Sydney Airport, Greater Sydney Parklands, relevant land-owners, state and local authorities and DPI Agriculture.

I note that the revised BCSP:

- has been reviewed by proponent, Sydney Water and no issues have been raised by the Department
- has been endorsed by the Environmental Representative, and
- contains the information required by the conditions of approval.

The Department has carefully reviewed the document and is satisfied that it meets the requirements of the relevant conditions of approval (SSI-8609189).

You are reminded that if there are any inconsistencies between the Revised BCSP and the conditions of approval, the conditions prevail.

Please ensure you make the document publicly available on the project website at the earliest convenience.

If you wish to discuss the matter further, please contact Natalie Froud on 02 8275 1684.

Yours sincerely



Lloyd Eley-Smith

Team Leader

Transport and Water Assessments

As nominee of the Planning Secretary

Cheryl Cahill

From: Gill Fowler
Sent: Friday, 1 December 2023 3:46 PM
To: Glover, Kimberly; PostApproval@dcceew.gov.au
Cc: Cheryl Cahill
Subject: 2020/8816 - Request to amend maps in Attachment A of approval
Attachments: Let_DCCEEW_map amendments.pdf; SHP_Cmth.zip; Maps_Cmth.zip

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kimberly,

Please find attached our request to update the maps in Attachment A of our approval. We have refined the pipeline alignment in several locations which has resulted in changes to the impact area and protected matters. These changes are approved and consistent with the state approval. The pipeline refinements are consistent with the Conditions. However, the maps in Attachment A need to be updated to reflect the refined pipeline alignments (change to impact area).

I would appreciate acknowledgement of this request and an indicative timeframe it will take to review and approve. Please reach out to Cheryl or I if you need any further information.

Regards
Gill

Gill Fowler
Environment & Sustainability Manager – Major Projects
Asset Lifecycle
Sydney Water, Level 10, 1 Smith Street, Parramatta NSW 2150



Phone: 8849 6414
Mobile: 0407 497 197
gill.fowler@sydneywater.com.au



1 December 2023

Kimberly Glover
Assistant Director – Post Approvals
Nature Positive Regulation Division - NSW/ACT Section

Cc: PostApproval@dcceew.gov.au

2020/8816 Upper South Creek – Amendment to Attachment A maps

Dear Kimberly

Sydney Water is seeking to replace the maps in Attachment A of the Approval 2020/8816 issued by Department of Climate Change, Energy, the Environment and Water on 17 February 2023.

The approval allows for the action to construct and operate a wastewater treatment plant located between South Creek and Kemps Creek, and associated infrastructure, including three new pipelines between Warragamba and Lansdowne, NSW.

Sydney Water's delivery contractor has refined the design and pipeline alignment to improve environmental outcomes, minimise impacts on the community and for efficiencies in construction methods and timeframes. These changes have been progressed primarily through consistency assessments and a modification to the State Approval, which was approved 10 October 2023.

These pipeline refinements are consistent with the Commonwealth Approval, the project will meet Condition 1, and *we will not clear more than:*

- a) 1.44 ha of Cumberland Plain Shale Woodlands and Shale-Gravel Transition Forest
- b) 1.64 ha of Spiked Rice-flower habitat.

However, to be consistent with Condition 2 which states *the approval holder must not clear outside the impact assessment area. The approval holder must not impact on protected matters by clearing outside the impact area...* the maps in Attachment A need to be updated.

Please find attached the revised maps and GIS files which show the location of the action and protected matters to support the requested amendment of Attachment A.

Yours sincerely



Gill Fowler
Environment and Sustainability Manager

Cheryl Cahill

From: Cheryl Cahill
Sent: Friday, 8 December 2023 2:24 PM
To: PostApproval@dcceew.gov.au
Cc: Glover, Kimberly; Alyce Harrington-JHG
Subject: EPBC 2020/ 8816 - USC minor amendment to BCSP - in accordance with conditions 12 and 13 - email 1
Attachments: 231207_L_USC_BCEMP_Rev C_ER Approval.pdf; BCSP Appendix F - Weed and Pathogen Management Plan (Rev C)_Track Changes_SW accepted.docx; USCP-JHG-MPL-ENV-0004 Biodiversity CEMP Sub-plan (Rev C)_Track Changes_SW .docx

Hello,

Since the approval of the BCSP, a minor amendments have been made, particularly to Appendix F (Weed and Pathogen Management Procedure), to include a revised approach to risk determination of weed species and the subsequent weed management measures.

Please refer to tracked change word documents of the BCSP noting the extent of the revisions, including the provision of specialist advice. The BCSP is also accompanied with the ER endorsement and approval letter.

I am currently having problems sharing the clean and consolidated version of the document that includes the A9 report. However, I will seek to address this issue with JH providing a share folder link.

Please let me know if you wish to discuss the matter further on the contact details noted below.

Thanks and regards,
Cheryl

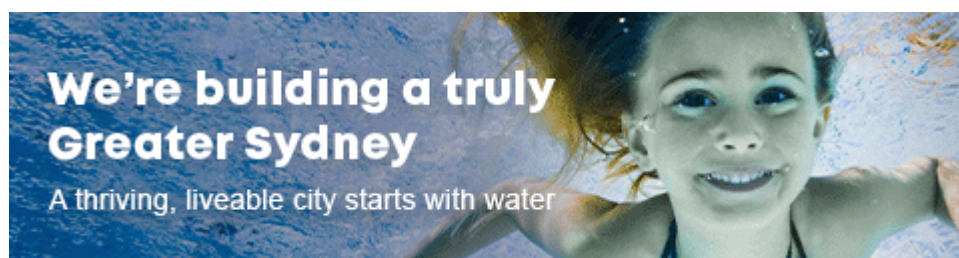
Cheryl Cahill
Environment Lead
[Major Projects](#)

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

Level 10, 1 Smith Street
Parramatta NSW 2150

I work Mondays, Tuesdays and Fridays

Sydney
WATER



Sydney Water respectfully acknowledges the traditional custodians of the land and waters on which we work, live and learn. We pay respect to Elders past and present.

[Read more](#) about our commitment to reconciliation.

Cheryl Cahill

From: Cheryl Cahill
Sent: Friday, 8 December 2023 2:25 PM
To: PostApproval@dcceew.gov.au
Cc: Glover, Kimberly; Alyce Harrington-JHG
Subject: RE: EPBC 2020/ 8816 - USC minor amendment to BCSP - in accordance with conditions 12 and 13 - email 2
Attachments: USCP-JHG-MPL-ENV-0004 Biodiversity CEMP Sub-plan (Rev C)_consolidated.pdf

Email 2 – with BCSP consolidated copy (excluding the A9 report)

From: Cheryl Cahill
Sent: Friday, 8 December 2023 2:24 PM
To: 'PostApproval@dcceew.gov.au' <PostApproval@dcceew.gov.au>
Cc: 'Glover, Kimberly' <Kimberly.Glover@dcceew.gov.au>; Alyce Harrington-JHG <Alyce.Harrington@jhg.com.au>
Subject: EPBC 2020/ 8816 - USC minor amendment to BCSP - in accordance with conditions 12 and 13 - email 1

Hello,

Since the approval of the BCSP, a minor amendments have been made, particularly to Appendix F (Weed and Pathogen Management Procedure), to include a revised approach to risk determination of weed species and the subsequent weed management measures.

Please refer to tracked change word documents of the BCSP noting the extent of the revisions, including the provision of specialist advice. The BCSP is also accompanied with the ER endorsement and approval letter.

I am currently having problems sharing the clean and consolidated version of the document that includes the A9 report. However, I will seek to address this issue with JH providing a share folder link.

Please let me know if you wish to discuss the matter further on the contact details noted below.

Thanks and regards,
Cheryl

Cheryl Cahill
Environment Lead
Major Projects

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

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Parramatta NSW 2150

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Sydney
WATER

We're building a truly Greater Sydney

A thriving, liveable city starts with water



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[Read more](#) about our commitment to reconciliation.

7 December 2023



Cheryl Cahill
Sydney Water Major Projects - Environment Lead
Sydney Water
Level 11, 1 Smith Street
Parramatta NSW 2150

By Email: cheryl.cahill@sydneywater.com.au

BBEnviro Pty Ltd
ABN: 73 654 592 711

26 Purcell Street,
Elderslie, NSW 2570

+61 410 409 897
ben.bracken@bbenviro.com.au

Dear Cheryl,

Subject: Environmental Representative (ER) review and approval – Revised Biodiversity CEMP, inclusive of Weed and Pathogen Management Plan – Rev C

SSI-8609189 – Upper South Creek Advanced Water Recycling Centre

Pursuant to SSI-8609189 Condition A28(j), I have reviewed the updated Biodiversity Construction Environmental Management Plan (CEMP) and appended *Weed and Pathogen Management Procedure* which have been updated to provide further clarity primarily around the management of weeds and pathogens and subsequent minor updates to management measures. Complete details of the reviewed documents as follows:

- Upper South Creek Advanced Water Recycling Centre and Pipelines Biodiversity CEMP Sub-plan Document No: USCP-JHG-MPL-ENV-0004. Revision: C, dated 10/11/2023, inclusive of Appendix F - *Weed and Pathogen Management Procedure* (Document No. USCP-MPL-G-0030, Rev C dated 10/11/2023)

As the approved ER for the Upper South Creek Advanced Recycling Centre Project, I am satisfied the amendments do not increase impacts to nearby sensitive land uses, comprise documentation update and administrative changes, and are consistent with the terms of the Project Approval (SSI-8609189) and the CEMP, CEMP Sub-plans and monitoring programs approved by the Planning Secretary. I therefore approve the minor amendments to the above listed documentation.

Please feel free to contact me if you require anything further or would like to discuss.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Ben Bracken", written over a light blue circular stamp.

Ben Bracken

Environmental Representative
Upper South Creek Advanced Water Recycling Centre Project
BBEnviro Pty Ltd
Phone: 0410 409 897
Email: ben.bracken@bbenviro.com.au

Cheryl Cahill

From: Cheryl Cahill
Sent: Friday, 22 December 2023 3:49 PM
To: PostApproval@dcceew.gov.au
Cc: Glover, Kimberly; Alyce Harrington-JHG
Subject: EPBC 2020/ 8816 - USC minor amendment to BCSP - in accordance with conditions 12 and 13
Attachments: 231221_L_USC_BCEMP_Rev D_ER Approval.pdf; DCCEEW amendment to BCSP 221223_signed.pdf; GC-SWC005-JHL-SW-GC-ENV-000047.00-USCP-JHG-MPL-ENV-0004 Biodiversity CEMP Sub-plan (Rev D)_Clean.docx; GC-SWC005-JHL-SW-GC-ENV-000047.00-USCP-JHG-MPL-ENV-0004 Biodiversity CEMP Sub-plan (Rev D)_Track Changed.docx

Hello,

Since the approval of the BCSP, minor amendments have been made to the subplan. The latest minor amendment, Revision D, removes reference to Appendix H for the development of the instream procedure, as this was considered more relevant to the Surface water and Groundwater CEMP subplan. Minor changes to Section 8.3 and Table 9-1 were also made.

Please refer to attached letter and clean and tracked change word documents of the BCSP, noting the extent of the revisions.

Due to the size of the plan, Alyce Harrington from John Holland will upload the clean and consolidated version of the BCSP to the provided SigBox platform.

Please let me know if you wish to discuss the matter further on the contact details noted below.

Thanks and regards,
Cheryl

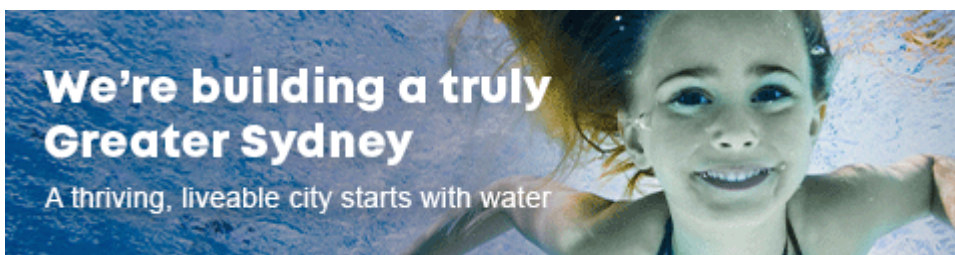
Cheryl Cahill
Environment Lead
Major Projects

Mobile 0456 666 573
cheryl.cahill@sydneywater.com.au

Level 10, 1 Smith Street
Parramatta NSW 2150

I work Mondays, Tuesdays and Fridays

Sydney
WATER





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[Read more](#) about our commitment to reconciliation.

Department of Climate Change, Energy, the Environment and Water
GPO Box 3090
Canberra ACT 2601
(sent via email to PostApproval@dcceew.gov.au, CC: Kimberly Glover)

Attn: Kimberley Glover

22 December 2023

Dear Ms. Glover,

Upper South Creek Advanced Water Recycling Centre (EPBC ref 2020/ 8816): Revision to the Biodiversity CEMP Sub-Plan (BCSP), Revision D

In accordance with Conditions 6, 7 and 8 of the EPBC 2020/8816 approval, a Biodiversity CEMP Sub-Plan (BCSP) is to be developed, approved and implemented for the duration of the project works. Approval of this plan was received by DCCEEW on 23/08/2023.

Since the approval of the BCSP, minor amendments have been made to the subplan. Revision D involves minor amendments to Section 8.3, an increase in the timeframe for the completion of post clearing surveys (from 1 week to 1 month) and updates to Appendix H to note that the Instream Works Procedure will be included in the Surface Water and Groundwater CEMP Sub-plan (SWGCSPP).

Conditions 12 and 13 states that have if an action management plan, such as the BCSP, has been revised and it is not expected to result in any new or increased impact, then it can be prepared without submitting it for Minister approval. In accordance with Condition 13a, several requirements are also required to be provided if this option is pursued, including:

- i) Clean and consolidated pdf has been uploaded to the SigBox platform (due to file size)
- ii) Tracked changes version of the BCSP are also included in the email
- iii) The amendments remove reference to the development of an in-stream procedure from the sub-plan, as this procedure is more appropriately managed in the SWGCSP for waterway crossings. Revision D also includes minor amendments to Section 8 and Table 9-1.
- iv) The minor amendments to the BCSP Revision D are not considered significant and the change was endorsed and approved by the DPE approved Environment Representative (ER), attached for information.
- v) The approval holder will implement the revised BCSP at least 20 business days from providing this notice, therefore implementation will commence from Monday 29/01/24.

Should you have any queries in relation to this submission, please contact me on either 0456 666 573 or Cheryl.Cahill@sydneywater.com.au.

Yours sincerely,

A handwritten signature in black ink that reads "Cahill".

Cheryl Cahill

Environment Lead – Major Projects

Upper South Creek Advanced Water Recycling Centre Project

Sydney Water

21 December 2023



Cheryl Cahill
Sydney Water Major Projects - Environment Lead
Sydney Water
Level 11, 1 Smith Street
Parramatta NSW 2150

By Email: cheryl.cahill@sydneywater.com.au

BBEnviro Pty Ltd
ABN: 73 654 592 711

26 Purcell Street,
Elderslie, NSW 2570

+61 410 409 897
ben.bracken@bbenviro.com.au

Dear Cheryl,

Subject: Environmental Representative (ER) review and approval – Revised Biodiversity CEMP with minor updates re instream works procedure (Appendix H)

SSI-8609189 – Upper South Creek Advanced Water Recycling Centre

Pursuant to SSI-8609189 Condition A28(j), I have reviewed the updated Biodiversity Construction Environmental Management Plan (CEMP) Sub-plan (BCSP) which has been updated to reflect the change in location of the Instream Works Procedure (Appendix H) from the BCSP to the Surface Water and Groundwater CEMP Sub-plan (SWGCS), in addition to an increase in the timeframe for completion of post clearing surveys (from 1 week to 1 month).

Complete details of the reviewed documents as follows:

- Upper South Creek Advanced Water Recycling Centre and Pipelines Biodiversity CEMP Sub-plan Document No: USCP-JHG-MPL-ENV-0004. Revision: D, dated 19/12/2023.

As the approved Environmental Representative (ER) for the Upper South Creek Advanced Recycling Centre Project, I am satisfied the amendments do not increase impacts to nearby sensitive land uses, comprise documentation update and administrative changes, and are consistent with the terms of the Project Approval (SSI-8609189) and the CEMP, CEMP Sub-plans and monitoring programs approved by the Planning Secretary. I therefore approve the minor amendments to the above listed documentation.

Please feel free to contact me if you require anything further or would like to discuss.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Ben Bracken', written over a light blue circular stamp.

Ben Bracken

Environmental Representative

Upper South Creek Advanced Water Recycling Centre Project

BBEnviro Pty Ltd

Phone: 0410 409 897

Email: ben.bracken@bbenviro.com.au