

Planning Approval Environmental Review Form

SM ES-FT-414

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Aerotropolis Overland Pipeline for Water Treatment Plant Discharges
Prepared by:	CPB Contractors Ghella Joint Venture
Prepared for:	Sydney Metro and CPBG
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Environmental Review

1. Proposed works and justification

An environmental review is applicable to design changes and is required to demonstrate compliance with the conditions of approval and would have no additional impacts on the community and/or the environment. This environmental review is required to demonstrate compliance with the conditions of approval and the Sydney Metro – Western Sydney Airport (SM-WSA) Environmental Impact Statement (EIS) and Submissions Report. A description of activities is listed in Table 1 and an assessment provided in Section 3.

Table 1 Description of proposed works

Description	Overview
Location of works	<p>The proposed works are located at 215 Badgerys Creek Road, Bradfield NSW 2556 (Lot 3101 DP1282964), within the existing Aerotropolis Core construction footprint extending east to the site boundary adjacent to Thompsons Creek. The proposed works then run north-east along the site boundary before extending south into Lot 700 DP 788485. Landowner consent has been obtained for the proposed works.</p> <p>The location of the proposed works is shown in Figure 1 below.</p>
Scope of works	<p>The scope of the proposed works is temporary for the duration of the SM-WSA construction stage and involves:</p> <ul style="list-style-type: none"> Extending a pipeline from the construction footprint to Thompsons Creek. The works area would be approximately 75 metres in length and 2.5 metres wide, within Western Parkland City Authority (WPCA) land and will extend another 45 meters and 2.5 metres into Thompsons Creek onto an adjacent lot. Installation of an overland lay-flat pipeline from the water treatment plant supported by a block footing at 12 metre intervals to secure the pipeline (refer to Attachment 4). Discharge point of the pipeline to the bank of Thompsons Creek, including scour protection to prevent potential erosion or sedimentation (this would take the form of geo-fabric or coir blanket on the bank of the creek where the pipe discharges into Thompsons Creek or an attachment to the pipe to disburse the water and avoid impact on the creek bed and banks). Removal of the pipeline upon completion of the SM-WSA construction stage at Aerotropolis Core. <p>No vegetation removal or ground disturbance is required for the proposed works.</p> <p>The proposed works will be constructed in August 2023 and take approximately two days to complete. The proposed works will be operational for the duration of the SM-WSA construction stage.</p> <p>The proposed works are detailed in Figure 1.</p>
Justification for works	<p>As noted in Section 8.9.8 of the SM-WSA EIS, the excavation of the tunnels, stations and shafts is likely to intercept groundwater, resulting in the need to capture, treat and reuse or discharge water. Treated water that cannot be recirculated [for surface dust suppression] would be discharged from the sites via construction Water Treatment Plants (WTP).</p> <p>As stated in the revised project description, (Section 2.11.3 of Appendix B of the Submissions Report), treated water surplus at the Aerotropolis Core during construction would be discharged to Thompsons Creek, with the connection and discharge point identified during design development. The planning</p>

Description	Overview
	<p>approval specified criteria for this discharge point which is discussed further in section 2.</p> <p>The proposed works would:</p> <ul style="list-style-type: none"> • Allow discharge of treated groundwater during construction • Reduce or eliminate potential scouring and impacts to the riparian vegetation of Thompsons Creek through the extended pipeline to the creek bank • Avoid impacts to the riparian vegetation of Thompsons Creek.
<p>Timeframe for works</p>	<p>The proposed works are intended to occur in August 2023 over approximately two days. The use of the pipeline is for the duration of the SM-WSA construction stage subject to ongoing landowner agreements.</p>
<p>Work hours, workforce and equipment / machinery</p>	<p>The proposed works are expected to be completed during standard construction hours:</p> <ul style="list-style-type: none"> • Monday to Friday 7am – 6pm • Saturday 8am – 1pm • No work on Sundays or Public Holidays. <p>Up to two construction workers would be onsite undertaking the installation.</p> <p>Plant and equipment required includes:</p> <ul style="list-style-type: none"> • Hand tools • Light vehicles

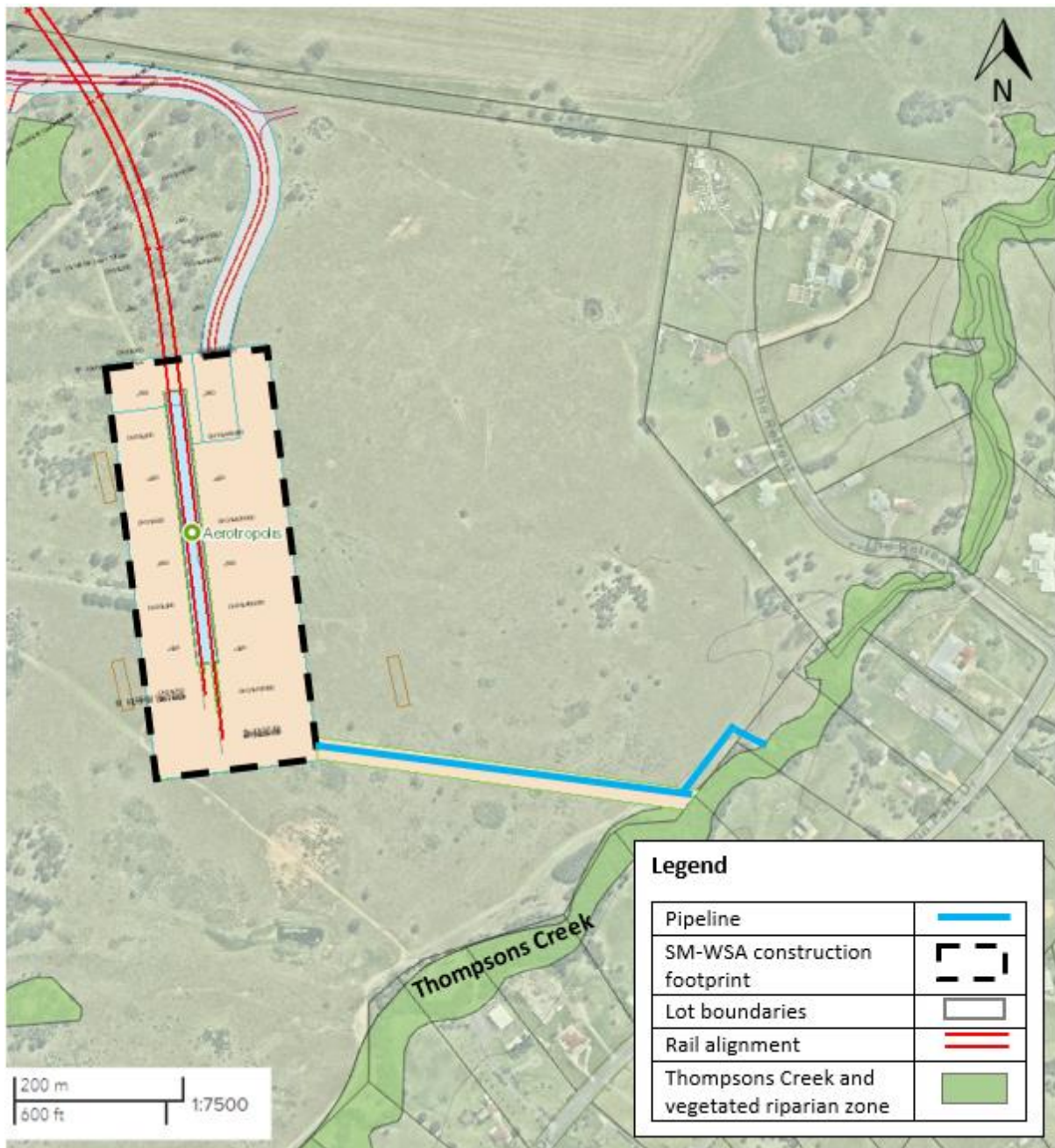


Figure 1 Aerotropolis Core construction footprint with WTP pipeline

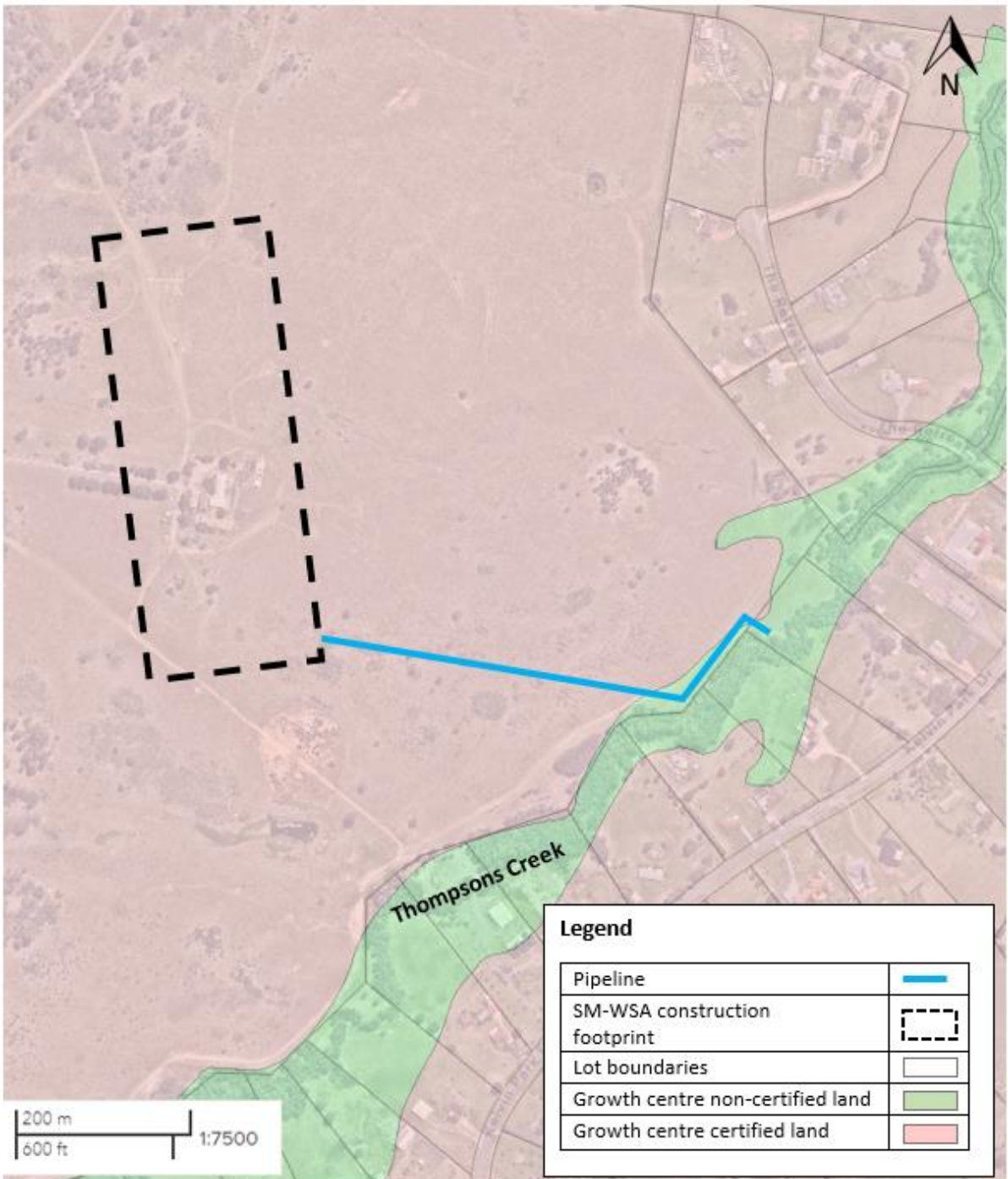


Figure 2 Aerotropolis Core construction footprint and pipeline in relation to certified and non-certified land of the South West Growth Centre

2. Consistency with Conditions of Approval

The following table outlines whether the proposed changes would be consistent with the relevant Conditions of Approval.

Table 2 Comparison of the proposal with relevant elements of the Approved Project

Relevant elements of the Approved Project		Discussion
<p>Section 2.11.3 of Appendix B of the Submissions Report (Surface Water discharge to Thompsons Creek)</p>	<p>At Aerotropolis Core treated water, surplus to reuse requirements during construction, would be discharged to Thompsons Creek. The location of the connection and discharge point would be identified during design development and be subject to the following performance criteria:</p> <ul style="list-style-type: none"> No removal of vegetation within the riparian zone areas adjacent to Thompsons Creek or outside the boundary of certified areas identified in the strategic assessment and conservation planning undertaken for the South West Growth Area; The works must be consistent with the specific mitigation measures and performance outcomes described in Chapter 7 of the Submissions Report (Revised performance outcomes and mitigation measures). 	<p>Figure 2 shows the boundary of certified and non-certified areas identified in the strategic assessment and conservation planning undertaken for the South West Growth Area.</p> <p>While the pipeline will need to enter the non-certified areas no riparian vegetation will be disturbed or cleared during the installation and operation of the discharge pipeline into Thompsons Creek.</p> <p>The works can be managed consistent with relevant mitigation measures and performance outcomes (POs) as revised in Chapter 7 of the SM-WSA Submissions Report. These are discussed further in this table.</p>
<p>Project Performance Outcomes</p>		
<p>Revised Performance Outcome (Biodiversity)</p>	<p>No removal of any vegetation within the Thompsons Creek riparian zone or any adjacent areas that are non-certified under the South West Growth Area</p>	<p>No clearing would occur within the riparian zone located adjacent to Thompsons Creek or outside the boundary of certified areas identified in the <i>State Environmental Planning Policy (Precincts – Western Parkland City 2021)</i> strategic assessment and conservation planning undertaken for the South West Growth Area.</p>

Relevant elements of the Approved Project		Discussion
Revised Performance Outcome (Aboriginal Heritage)	The heritage significance of Aboriginal objects and places are protected, conserved and/or managed in order to ensure the project does not diminish the story and cultural understanding associated with the objects and places of Aboriginal people in New South Wales	An AHIMS search was undertaken on 19 July 2023 identifying two AHIMS sites within proximity to the proposed extended construction footprint, the closest site located approximately 10 metres from the proposed works. As previously stated the proposed works will require an overland lay-flat pipeline from the water treatment plant supported by a block footing at 12 metre intervals to secure the pipeline. The blocks will sit on top of the ground surface but no ground disturbance is required As no ground disturbance would be required, no additional impacts are anticipated as a result of the works. Any potential artefacts encountered within the alignment will be managed under CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure. Prior to works commencing, a toolbox will be delivered to the workforce to communicate the location of the identified sites and outline the requirements of the CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure.
Revised Performance Outcome (Aboriginal heritage)	Impacts on areas of archaeological sensitivity and significance are avoided or minimised, where practical	As noted in Section 3 below the works are within the vicinity of previously identified Aboriginal heritage sites. Nonetheless, given that no ground disturbance would be required, no additional impacts are anticipated as a result of the works. Any potential artefacts encountered within the alignment will be managed under CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure. Prior to works commencing, a toolbox will be delivered to the workforce to communicate the location of the identified sites and outline the requirements of the CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure.
Revised Performance Outcome (Flooding, hydrology and water quality)	Water discharged from the project, including runoff from hardstand areas, surface and ground water storages would: <ul style="list-style-type: none"> contribute towards achieving ANZECC guideline water quality trigger values for physical and chemical stressors for slightly disturbed ecosystems in lowland rivers in southeast NSW, or meet any water quality criteria determined in consultation with the NSW Environment Protection Authority (off-airport) where an EPL is required or in consultation with Western Sydney Airport in accordance with the <i>Airports (Environmental Protection) Regulations 1997</i> (on-airport) 	EPL 21672 applies to the SWM-WSA project including this area of works. All works will be undertaken in accordance with the requirements of the EPL including water quality discharge criteria.

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Relevant elements of the Approved Project		Discussion
REMMS		
AH11	Measures would be implemented to ensure that Aboriginal sites located outside of the construction footprint, but within 100m of it, would not be affected by construction activities	<p>As noted above the works are within the vicinity of previously identified Aboriginal heritage sites. Nonetheless, given that no ground disturbance would be required, no additional impacts are anticipated as a result of the works.</p> <p>Any potential artefacts encountered within the alignment will be managed under CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure.</p> <p>Prior to works commencing, a toolbox will be delivered to the workforce to communicate the location of the identified sites and outline the requirements of the CPBG Aboriginal and Historic Heritage Unexpected Finds Workflow Procedure.</p>
WQ3	The design and construction of the project would take into account the former NSW Office of Water’s Guidelines for controlled activities on waterfront land	<p>The NSW Office of Water’s Guidelines for controlled activities on waterfront land has been considered as part of the proposed works including defining the riparian corridor (RC) and the vegetated riparian zone (VRZ), minimising harm to these areas, and treating water prior to discharge.</p> <p>No vegetation clearing would be required to undertake the proposed works and water would be treated as per the environmental protection licence discharge criteria.</p> <p>Impacts on the hydrologic, hydraulic and geomorphic functions of Thompsons Creek will be minimised.</p>
SSI_10051 Conditions of Approval		
A1	<p>The Proponent must carry out the CSSI in accordance with the terms of this approval and generally in accordance with the:</p> <ul style="list-style-type: none"> (a) Sydney Metro – Western Sydney Airport Environmental Impact Statement dated 21 October 2020; and (b) Sydney Metro – Western Sydney Airport Submissions Report submitted April 2021. 	<p>The proposed works, as described in Section 1, will be carried out in accordance with the approval and generally in accordance with the description of the:</p> <ul style="list-style-type: none"> (a) Sydney Metro – Western Sydney Airport Environmental Impact Statement dated 21 October 2020; and (b) Sydney Metro – Western Sydney Airport Submissions Report submitted April 2021.

Relevant elements of the Approved Project		Discussion
A2	The CSSI must only be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the documents listed in Condition A1 unless otherwise specified in, or required under, this approval.	The proposed works will be carried out in accordance with all procedures, commitments, preventative actions, performance outcomes and mitigation measures set out in the EIA including the documents listed in Condition A1 including the EIS and Submissions Report.
E2	The clearing of native vegetation must be minimised to the greatest extent practicable with the objective of reducing impacts to threatened ecological communities and threatened species habitat.	<p>The location of the proposed works is covered by the approved South West Growth Centre Strategic Assessment. Impacts on MNES and Commonwealth land protected by the EPBC Act have already been assessed and approved under that strategic assessment (excluding non-certified lands such as riparian lands around Thompsons Creek). The native and exotic grasses present within the proposed works site will be managed in accordance with the CPBG NSW (Off-Airport) Flora and Fauna Management Sub-Plan (FFMSP).</p> <p>No riparian vegetation will be disturbed or cleared during the installation and operation of the discharge pipeline into Thompsons Creek, therefore the proposed works, are considered to be consistent with the approved actions listed in the South West Growth Centre approval provided by the Minister.</p>
E8	The Proponent must minimise impacts to Key Fish Habitat (KFH) as defined in Policy and Guidelines for Fish Habitat Conservation and Management (DPI, 2013 update). Residual impacts to KFH, following the implementation of habitat rehabilitation or other environmental compensation measures, must be offset at a ratio of 2:1 habitat offset requirement in accordance with the Policy and Guidelines for Fish Habitat Conservation and Management (DPI, 2013 update) and in consultation with DPI Fisheries.	<p>The pipeline discharge point will be directly into Thompsons Creek. The outlet will be a perforated pipe or similar which dissipates the energy from the treated effluent being pumped into the creek. The outlet of the pipe at Thompsons Creek will contain either an area of geo-fabric, coir blanket, or similar to protect the banks, or an attachment to the pipeline with modifications to the outlet to ensure no damage to the bed and banks of the creek. Either method will mitigate scour and erosion.</p> <p>No Key Fish Habitat will be impacted by the outlet. Groundwater intercepted through tunnelling and excavation works will be mixed and diluted with clean process water and treated through the WTP to remove contaminants prior to discharge to Thompsons Creek. All discharge water will meet the CPBG EPL criteria.</p>
E19	The Proponent must not destroy, modify or otherwise physically affect any Heritage item not identified in documents referred to in Condition A1. Unexpected heritage finds identified by the CSSI must be managed in accordance with the Unexpected Heritage Finds and Human Remains Procedure outlined in Conditions E34 to	The proposed works will require an overland lay-flat pipeline from the water treatment plant supported by a block footing at 12 metre intervals to secure the pipeline. The blocks will sit on top of the ground surface but no ground disturbance is required.

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Relevant elements of the Approved Project		Discussion
	E36. Consideration of avoidance and redesign to protect unexpected finds of state heritage significance must be addressed where this condition applies.	There are no known historic heritage sites along the pipeline route. The Unexpected Finds Protocol will be followed where applicable.
E28	All reasonable steps must be taken so as not to harm, modify or otherwise impact Aboriginal objects or places of cultural significance except as authorised by this approval.	<p>An AHIMS search was undertaken on 19 July 2023 identifying two AHIMS sites (one being a potential site) within proximity to the proposed works area. The location of the sites in proximity to the proposed works are indicated in Attachment 2.</p> <p>As per the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales (DECCW, 2010), where no ground disturbance is required, works can commence without any further approval required. In accordance with REMM AH11, measures are to be implemented to ensure that Aboriginal sites located outside of the construction footprint, but within 100m of it, would not be affected by construction activities.</p> <p>The proposed overland pipeline would not require any ground disturbance works, as such, additional impacts to Aboriginal heritage are not anticipated.</p> <p>Any potential artefacts encountered within the alignment will be managed under CPBG Unexpected Finds Procedure. Prior to works commencing, a toolbox will be delivered to the workforce to communicate the location of the identified sites and outline the requirements of the Unexpected Finds Procedure.</p>

Relevant elements of the Approved Project		Discussion
E36	<p>The Unexpected Heritage Finds and Human Remains Procedure, as submitted to the Planning Secretary, must be implemented for the duration of construction. Where archaeological investigations have been undertaken as a result of Unexpected Finds notifications then a Final Archaeological Report must be provided in accordance with Heritage Council guidance and standard requirements for final reporting under Excavation Permits.</p> <p><i>Note: Human remains that are found unexpectedly during the carrying out of work may be under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately. Management of human remains in NSW is subject to requirements set out in the Public Health Act 2010 (NSW) and Public Health Regulation 2012 (NSW). Nothing in these conditions prevents separate procedures for the Unexpected Heritage Finds and Human Remains Procedure.</i></p>	<p>Any unexpected finds will be managed in accordance with the Unexpected Heritage Finds and Human Remains Procedure and the CPBG Non-Aboriginal Heritage management procedure within the CEMP.</p>
E38	<p>Work must only be undertaken during the following hours:</p> <ul style="list-style-type: none"> (a) 7:00am to 6:00pm Mondays to Fridays, inclusive; (b) 8:00am to 1:00pm Saturdays; and (c) at no time on Sundays or public holidays. 	<p>All construction works will be undertaken during standard construction hours, in accordance with this condition.</p> <p>Operation of the discharge pipeline will occur 24 hours a day.</p>
E99	<p>The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout construction</p>	<p>Baseline sampling was undertaken within the majority of the proposed works area (excluding the vegetated riparian area) as part of the Detailed Site Investigation (DSI). Surface soil samples collected did not report the detection of asbestos or any other contaminants.</p> <p>The works are not within an area of known contamination. Any unexpected finds will be managed in accordance with the Unexpected Contaminated Land and Asbestos Finds Procedure and the CPBG SWMSP.</p>

Relevant elements of the Approved Project		Discussion
E127	The Proponent must consider the Guidelines for controlled activities on waterfront land riparian corridors (Department of Industry 2018) when carrying out work within 40 metres of a watercourse, including its bed.	<p>The Guidelines for controlled activities on waterfront land riparian corridors has been considered as part of the proposed works including defining the riparian corridor (RC) and the vegetated riparian zone (VRZ), minimising harm to the RC and the VRZ, and treating water prior to discharge.</p> <p>No vegetation clearing would be required to undertake the proposed activities and water would be treated as per the Environment Protection Licence (EPL) discharge criteria.</p> <p>Impacts on the hydrologic, hydraulic and geomorphic functions of Thompsons Creek will be minimised.</p>
E128	Erosion and sediment controls must be implemented and maintained consistent with the Blue Book	<p>The proposed works are expected to have minimal ground disturbance.</p> <p>All works will be undertaken in accordance with the Erosion and Sediment Control Plans (ESCPs) developed for all active worksites in accordance with Managing Urban Stormwater: Soils and Construction, Volume 1, 4th Edition (Landcom, 2004) (the 'Blue Book').</p> <p>The ESCPs are progressively updated to reflect current site conditions and communicated with site teams and available on site.</p> <p>The outlet of the pipe at Thompsons Creek will contain either an area of geo-fabric, coir blanket, or similar to protect the banks, or an attachment to the pipeline with modifications to the outlet to ensure disbursement of water and no damage to the bed and banks of the creek. Either method will mitigate scour and erosion.</p>

Relevant elements of the Approved Project		Discussion
E129	<p>Unless an EPL is in force in respect to the CSSI and that licence specifies alternative criteria, discharges from construction wastewater treatment plants to surface waters must not exceed:</p> <ul style="list-style-type: none"> a) the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2018 (ANZG (2018)) default guideline values for toxicants at the 95 per cent species protection level; b) for physical and chemical stressors, the guideline values set out in Tables 3.3.2 and 3.3.3 of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000 (ANZECC/ARMCANZ); and c) for bioaccumulative and persistent toxicants, the ANZG (2018) guidelines values at a minimum of 99 per cent species protection level. <p>Where the ANZG (2018) does not provide a default guideline value for a particular pollutant, the approaches set out in the ANZG (2018) for deriving guideline values, using interim guideline values and/or using other lines of evidence such as international scientific literature or water quality guidelines from other countries, must be used</p>	<p>The proposed works will not impact upon compliance with this condition as the Project operates under EPL 21672 and will be managed in accordance with the SWMSP.</p> <p>The SM-WSA EPL 21672 applies to the proposed works area, and all works will be undertaken in accordance with the EPL requirements.</p>
EPBC Conditions		
EPBC 2020/8687	EPBC 2020/8687 conditions	This approval does not apply to this assessment as the proposal will be undertaken outside of the area between St Marys to Elizabeth Drive.

3. Environmental review

The following table provides a risk review of the potential environmental impacts of the proposed works.

Table 3 Environmental review

Environmental review	Yes / No	Description of impacts (including consideration of safeguards required by the Approved Project)
Is the proposal to take place outside of the construction footprint of the project	Yes	The proposed works will include extending a pipeline from the construction footprint to Thompsons Creek. The works area would be approximately 75 metres in length and 2.5 metres wide, within Western Parkland City Authority (WPCA) land and will extend another 45 metres and 2.5 metres into Thompsons Creek onto an adjacent lot. The works area is shown in Figure 1.
Is the location of works within the existing EPL premise boundary	No	A portion of the proposed works will be undertaken outside the existing EPL premise boundary, as shown in Attachment 3. The EPL will be updated to include the discharge point.
Will the works take longer than 2 weeks to complete?	Construction – No Operation – Yes	The proposed works occur in August 2023 with installation taking approximately two days. The pipeline will remain operational during the SM-WSA construction stage, until decommissioning of the WTP in approximately December 2026, subject to ongoing landowner agreements.
Does the work require OOHW approval	No	The proposed works will be constructed during the standard construction daytime hours.
Will the works impact an EEC or threatened species	No	No clearing works will take place. No direct impacts will occur during the construction and operations of the pipeline.
Will works impact on native vegetation	No	The pipeline and footings are situated in cleared grassland from the WTP until the riparian zone of Thompsons Creek and no ground disturbance is anticipated. The pipeline will run through a section of Thompsons Creek vegetated riparian zone. No disturbance is expected to occur to any vegetation, and no ground disturbance is anticipated. No vegetation clearing is proposed.
Will the works impact on habitat trees	No	Given that the works would not require any vegetation removal, no impacts to habitat trees are anticipated.
Will clearing of non EECs or ground disturbance be of High / moderate condition vegetation. What is the area of impact?	No	No vegetation clearing would be required to undertake the proposed works.
Will the works result in medium / high noise or vibration impacts Will noise and vibration impacts on sensitive	No	The nearest sensitive receivers (residential) are approximately 110 metres to 170 metres south-east of the proposed works (refer to Attachment 1). The installation of the proposed pipeline would take place during standard construction work hours over approximately two days and

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Environmental review	Yes / No	Description of impacts (including consideration of safeguards required by the Approved Project)
receivers be greater than that predicted in the EIA		<p>be undertaken by two construction workers with minimal equipment. The proposed works are located closer to the sensitive receivers than the main construction works identified in the EIS and Submissions Report, however only minimal or negligible noise or vibration impacts are anticipated during installation or operation of the pipeline.</p> <p>Any identified noise and vibration impacts will be managed in accordance with the Construction Noise and Vibration Management Plan and Sydney Metro Construction Noise and Vibration Standard.</p>
Will the works result in medium/ high air quality impacts	No	Minimal ground disturbance would be required due to the use of the overland lay-flat pipe and spaced supporting block footings. No new or additional air quality impacts are anticipated as a result.
Will the activity be located adjacent to or in close proximity to sensitive receivers	Yes	The nearest sensitive receivers are located approximately 110 metres to 170 metres south-east of the proposed works and comprise of rural residential premises. The location of the receivers is indicated in Attachment 1.
Will works impact on an Aboriginal / Historic heritage site different to that predicted in the EIA	No	<p>No Historic Heritage items are identified within the existing or extended construction footprint.</p> <p>An AHIMS search was undertaken on 19 July 2023 and identified two AHIMS sites within proximity to the proposed extended construction footprint, the nearest is approximately 10m away from the proposed works. The location of the sites in proximity to the proposed works are indicated in Attachment 2.</p> <p>As per the Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales (DECCW, 2010), where no ground disturbance is required, works can commence without any further approval required. In accordance with REMM AH11, measures are to be implemented to ensure that Aboriginal sites located outside of the construction footprint, but within 100m of it, would not be affected by construction activities.</p> <p>The proposed overland pipeline would not require any ground disturbance works, as such, additional impacts to Aboriginal heritage are not anticipated.</p> <p>Any potential artefacts encountered within the alignment will be managed under CPBG Unexpected Finds Procedure. Prior to works commencing, a toolbox will be delivered to the workforce to communicate the location of the identified sites and outline the requirements of the Unexpected Finds Procedure.</p>
Are works within 10m of a watercourse	Yes	The proposed works will be located directly adjacent to Thompsons Creek. Section 14.5 of the EIS considered the requirement for discharge to Thompsons Creek, including a reference to the performance criteria (refer to section 2). The performance criteria specified in the planning approval have been met as outlined in section 2 above.
Are works in an area of known contamination	No	<p>Minimal ground disturbance would be required for the proposed works due to the use of the overland lay-flat pipe and supporting block footings.</p> <p>Baseline sampling was undertaken within the majority of the proposed works area (excluding the vegetated riparian area) as part of the Detailed Site Investigation (DSI). Surface soil samples collected did not report the detection of asbestos or any other contaminants. The works are not within an area of known contamination.</p>

Sydney Metro – Integrated Management System (IMS)

(Uncontrolled when printed)

Environmental review	Yes / No	Description of impacts (including consideration of safeguards required by the Approved Project)
		Where any unexpected contamination is encountered, it will be managed in accordance with the Unexpected Contaminated Land and Asbestos Finds Procedure.
Will the works result in temporary or long-term traffic impacts	No	There are no anticipated temporary or long-term traffic impacts, or additional impacts to those already identified in the approved SM-WSA EIS.
Will the works result in visual impacts to sensitive receivers	No	The nearest residential receivers are approximately 1106 metres to 170 metres south-east of the proposed works, and further visually separated from the works by Thompsons Creek vegetation. Minimal or no visual impacts are anticipated due to the vegetation cover, use of a lay-flat pipeline and approximately 2 days only for installation works. No additional measures are required in addition to project CoA and REMMs and performance outcomes for the Approved Project.
Will the works involve significant earthworks	No	No ground disturbance would be required for the proposed works due to the use of the overland lay-flat pipe and supporting block footings.

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4. Recommendation

Based on the above assessment, and with reference to the SM-WSA EIA and Submissions Report, including the Conditions of Approval and associated CEMP and plans, it is recommended that:

✓	The proposed design/construction change is consistent with the Approved Project SM-WSA EIA and Submissions Report including the conditions of approval, has negligible impacts on the community and environment and no further assessment is required.
X	The proposed design/construction change is likely to be consistent with the Approved Project SM-WSA EIA and Submissions Report, however more than a negligible impact on the community and environment may result and further assessment in the form of a Planning Approval Consistency Assessment form is required to be completed and submitted to the Planning team for the proposed design/ construction change.
X	The proposed design/ construction change is not substantially the same as the Approved Project and is considered a radical transformation. A new planning pathway should be considered.

5. Certification

The above information provides a true and fair review of the proposed works.

Prepared by (signed):	<i>J Slattery</i>
Date:	1/08/2023
Name:	Jeremy Slattery
Position:	Approvals and Sustainability Manager


6. Endorsement

I have reviewed the above review and provide the following endorsement:

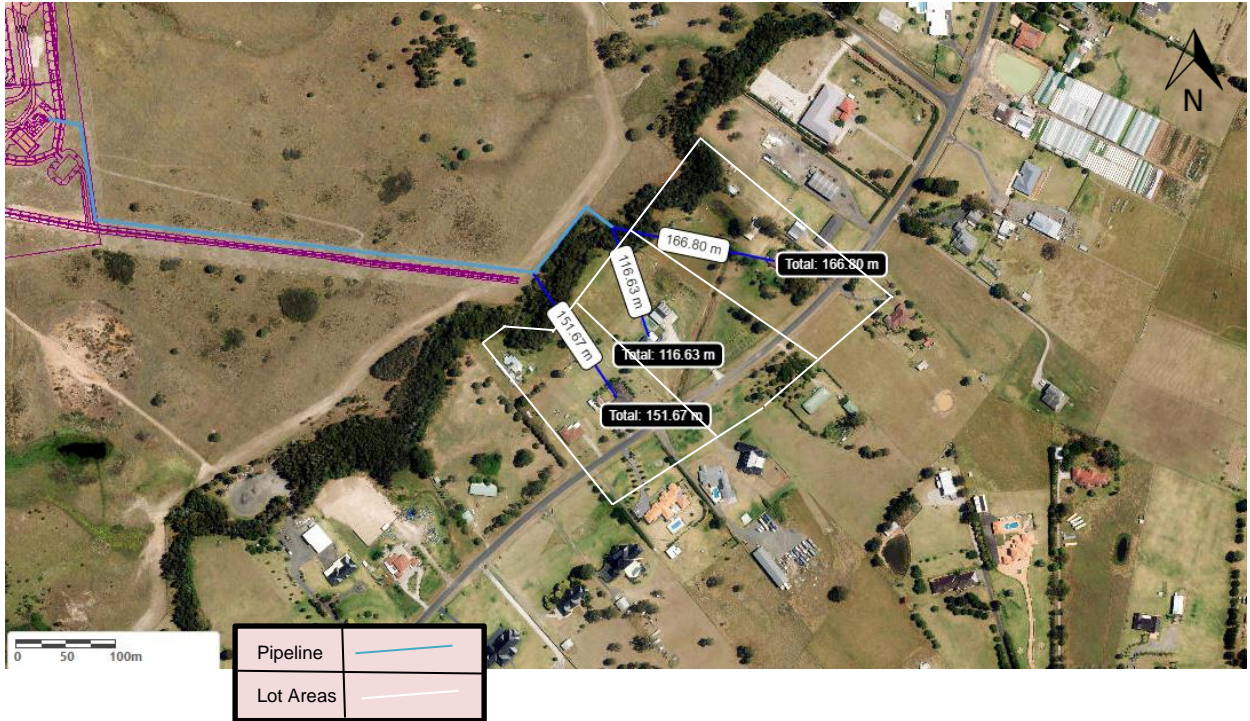
✓	The proposed design/construction change is consistent with the SM-WSA EIA and Submissions Report, has negligible impacts on the community and environment and no further assessment or modification of the planning approval is required.
✗	The proposed design/construction change is likely to be consistent with the SM-WSA EIA and Submissions Report, however more than negligible impacts are expected on the community and environment and further assessment is required.
✗	The proposed design/construction change constitutes a project modification and requires further assessment and approval.

This endorsement is conditional on the following:

1. All works will be carried out in accordance with the SM-WSA EIA and Submissions Report and the Project Conditions of Approval.
2. All works will be carried out in accordance with the approved Construction Environmental Management Plan and any relevant sub plans.
3. All works will be carried out in accordance with any additional management measures identified in the Environmental Review, unless otherwise noted by this endorsement.

Comments (if any):	Nil
Signed:	
Endorsed by:	Hugh Chapman – Director (SM-WSA ESP)
Date:	4 August 2023

Attachment 1 – Nearest Receivers



Attachment 2 – AHIMS Results



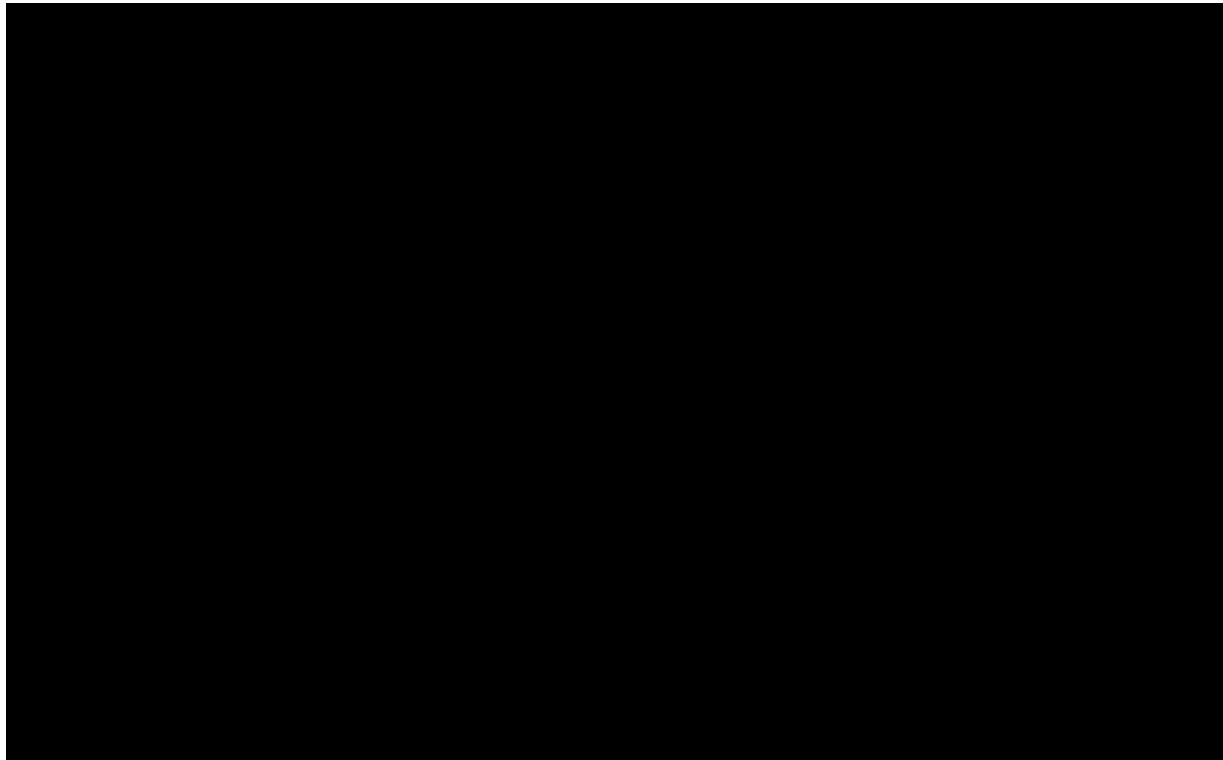
AHIMS Web Services (AWS)
Search Result

Your Ref/PO Number : [REDACTED]

[REDACTED]

Date: 19 July 2023

Note: AHIMS sites are not presented in the public version of this report.



Attachment 3 – CPBG SBT EPL Premise Maps



