



Integrated Management System

Planning Approval Consistency Assessment Form

SM ES-FT-414

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Barangaroo extension of use of additional land
Prepared by:	Pam Tummers
Prepared for:	Sydney Metro
Assessment number:	TfNSW 40
Status:	Final
Version:	0.0
Planning approval:	SSI 15_7400 (C&SW)
Date required:	15 August 2020
iCentral number	SM-20-00086215

Form information – do not alter

Form number	SM ES-FT-414
Applicable to:	Sydney Metro
Document Owner:	Principal Manager, Sustainability, Environment & Planning
System Owner:	Executive Director, Safety, Sustainability & Environment
Status:	Final
Version:	2.0
Date of issue:	27 April 2018
Review date:	27 April 2019

© Sydney Metro 2018



Table of Contents

1.0 Existing Approved Project	3
2.0 Description of proposed development/activity/works	6
3.0 Timeframe	6
4.0 Site description	6
5.0 Site Environmental Characteristics	7
6.0 Justification for the proposed works	8
7.0 Environmental Benefit	8
8.0 Control Measures	8
9.0 Climate Change Impacts	8
10.0 Impact Assessment – Construction	9
11.0 Impact Assessment – Operation	11
12.0 Consistency with the Approved Project	13
13.0 Other Environmental Approvals	14
Author certification	15
Environmental Representative Review	15

The Planning Approval Consistency Assessment Form should be completed in accordance with the Sydney Metro Planning Approval Consistency Assessment Procedure (SM ES-PW-314) and Sydney Metro Environmental Planning and Approval Manual (SM ES-ST-216)

1.0 Existing Approved Project

Planning approval reference details (Application/Document No. (including modifications)):

SSI15_7400 Sydney Metro City & Southwest – Chatswood to Sydenham
 Mod 1 Victoria Cross Station, Artarmon Substation and minor administrative mod
 Mod 2 Central Walk mod
 Mod 3 Martin Place Station mod
 Mod 4 Sydenham Station and Sydney Metro Trains Facility South mod
 Mod 5 Blues Acoustic Shed
 Mod 6 Administrative Changes
 Mod 7 Administrative Changes

Date of determination:

Infrastructure Approval date 09 January 2017
 Modification 1 Approval date 18 October 2017
 Modification 4 Approval date 13 December 2017
 Modification 2 Approval date 21 December 2017
 Modification 3 Approval date 22 March 2018
 Modification 5 Approval date 02 November 2018
 Modification 6 Approval date 21 February 2019
 Modification 7 Approval date 29 June 2020
 Consistency Assessment Barangaroo Traction Substation (TfNSW 7 Approved 9 May 2017)
 Consistency Assessment Barangaroo Utilities Augmentation (TfNSW 10 Approved 11 December 2017)
 Consistency Assessment Barangaroo Temporary Additional Land (TfNSW 23 Approved 11 October 2017)
 Consistency Assessment Barangaroo Northern Shaft (TfNSW 20 Approved 14 March 2018)
 Consistency Assessment Barangaroo Additional Land (TfNSW 25 Approved 27 June 2018)

Type of planning approval:
Critical State Significant Infrastructure

Description of existing approved project you are assessing for consistency:

Consistency Assessment TfNSW25 approved the occupancy of area SA-H21 shown in Figure 1 below from June 2018 until December 2019 for the purposes of storage of materials and assembly of equipment, including heavy machinery and associated equipment working in the additional area.

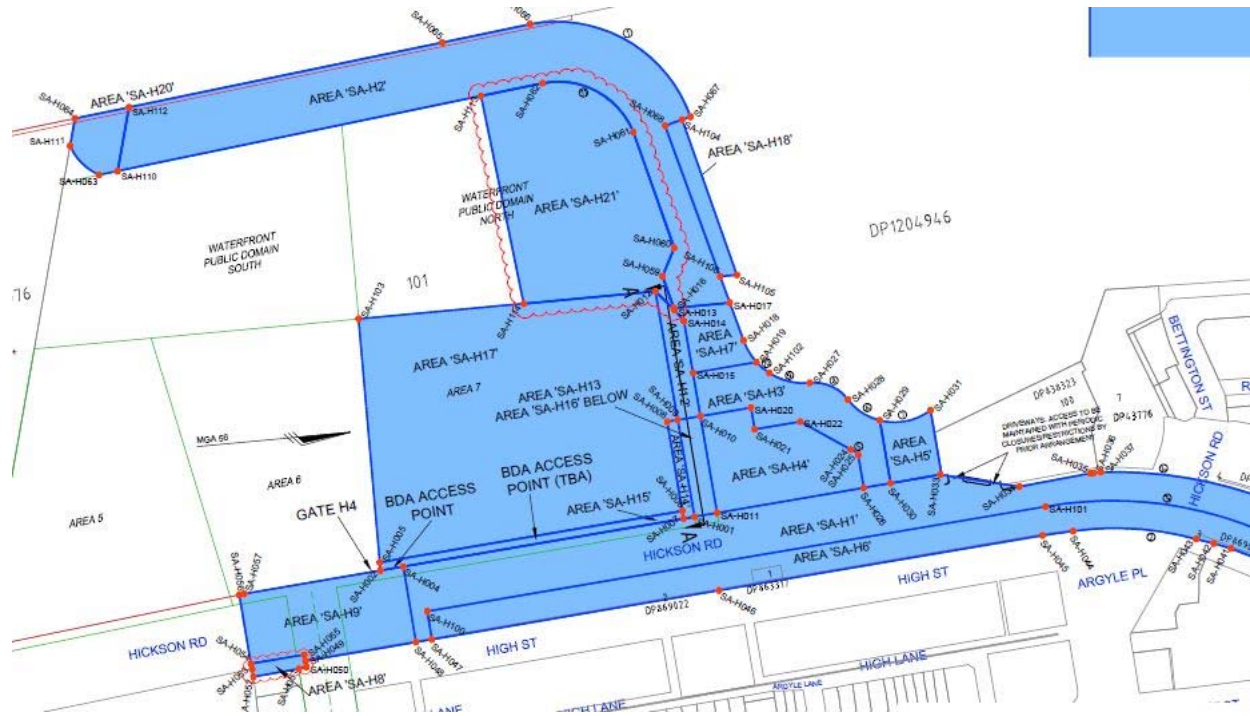


Figure 1: Area SA-H21, also known as Block 7 Foreshore

Occupancy of the area has regard to the interface with the adjacent development by iNSW (formally Barangaroo Delivery Authority (BDA)) and the construction methodology developed by the contractor.

Relevant background information (including EA, REF, Submissions Report, Director General's Report, MCoA):
Nil

2.0 Description of proposed development/activity/works

Describe ancillary activities, duration of work, working hours, machinery, staffing levels, impacts on utilities/authorities, wastes generated or hazardous substances/dangerous goods used.

Sydney Metro has continued to work with iNSW to reduce disruption for construction impacts within the Central Barangaroo precinct. Through this ongoing consultation, iNSW has supported the Temporary Access Licence Sydney Metro hold with iNSW for the SA-H21 area beyond the original Termination Date of 28 November 2018 until such time as BDA provides a minimum 30 days notice.

The current construction activities at Barangaroo Station shall not change due to the extension of use of the additional SA-H21 area site and the continued occupancy of the area will not affect maintaining public walkways within the Barangaroo area and

There would be no change to the duration of work on the station (opening scheduled for 2024), working hours, machinery or staffing levels.

3.0 Timeframe

When will the proposed change take place? For how long?

Use of the proposed extra land commenced in June 2018 and will continue until December 2021.

4.0 Site description

Provide a description of the site on which the proposed works are to be carried out, including, Lot and Deposited Plan details, where available. Map to be included here or as an appendix. Detail of land owner.

Barangaroo Station is located between Hickson Road and Nawi Cove/Sydney Harbour, within the suburb of Barangaroo and to the north of the Central Barangaroo development. The proposed construction site access would be located on Lot 101, DP 1204946, SA-H21.

5.0 Site Environmental Characteristics

Describe the environment (i.e., vegetation, nearby waterways, land use, surrounding land use) identify likely presence of protected flora/fauna and sensitive area.

The site is located between Barangaroo Reserve and the Central Barangaroo development, to the west of Hickson Road. The site is a hardstand area which was previously used for laydown during the construction of the Barangaroo development and, since June 2018, for spoil storage and laydown for construction of the Barangaroo station.



The site does not contain any vegetative growth and is separated from the waterway by the area SA-H2 (refer Figure 1 above). Surrounding land use is for laydown areas and ancillary facilities to service both the Barangaroo Central Development and the construction of Barangaroo Station. Residential properties are not directly adjacent to the site but are located on High Street to the east of the construction site.

6.0 Justification for the proposed works

Address the need for the proposed works, whether there are alternatives to the proposed works (and why these are not appropriate), and the consequences with not proceeding with the proposed work.

The SPIR requires that Sydney Metro's construction activities within Central Barangaroo are configured in consultation with iNSW with the objective of minimising disruption to construction staging within the precinct.

Access to area SA-H21 ensured spoil stockpiles were able to be suitably managed and loaded out during excavation activities, which continued past December 2019, particularly for material removed from under harbour cross passages. Progressing through completions of these works, the area is increasingly used for station box construction activities and laydown. Restrictions would otherwise be in place for material laydown and safe designated walkways away from operational crange and equipment.

The continued use of the additional land assists the project in optimising construction activities goals while mitigating the risk associated with plant and pedestrian interfaces. Complaints associated with the use of Block 7 Foreshore have been associated with the use of non-tonal movement alarms on operating equipment after hours.

7.0 Environmental Benefit

Identify whether there are environmental benefits associated with the proposed works. If so, provide details:

The extension of use of the additional area provides the environmental benefit managing excavated material and enabling the laydown yard to be relocated away from construction areas, both aspects minimising the risks of environmental incidents.

8.0 Control Measures

Will a project and site specific EMP be prepared? Are appropriate control measures already identified in an existing EMP?

The works area is managed according to the JHCPBG Construction EMP and site specific Site Environmental Plan (SEP).

9.0 Climate Change Impacts

Is the site likely to be adversely affected by the impacts of climate change? If yes, what adaptation/mitigation measures will be incorporated into the design?

The works area is temporary only, and as such would not be impacted by the effect of climate change.

10.0 Impact Assessment – Construction

Attach supporting evidence in the Appendices if required. Make reference to the relevant Appendix if used.

Aspect	Nature and extent of impacts (negative and positive) during construction (if control measures implemented) of the proposed/activity, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Flora and fauna	No change from approved project.	No additional mitigation measures required.	Y	Y	
Water	No change from approved project.	No additional mitigation measures required.	Y	Y	
Air quality	No change from approved project.	No additional mitigation measures required.	Y	Y	
Noise vibration	The construction noise and vibration impacts would be consistent with those identified in the EIS and TfNSW 25. This area is currently used by JHCPBG and impacts managed in accordance with the JHCPBG CEMP.	No additional mitigation measures would be required.	Y	Y	
Indigenous heritage	No change from approved project.	No additional mitigation measures required.	Y	Y	
Non-indigenous heritage	No change from approved project.	No additional mitigation measures required.	Y	Y	
Community and stakeholder	No change from approved project.	No additional mitigation measures required.	Y	Y	
Traffic	No change from approved project.	No additional mitigation measures required.	Y	Y	
Waste	No change from approved project.	No additional mitigation measures required.	Y	Y	

Aspect	Nature and extent of impacts (negative and positive) during construction (if control measures implemented) of the proposed/activity, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Social	No change from approved project.	No additional mitigation measures required.	Y	Y	
Economic	No change from approved project.	No additional measures required.	Y	Y	
Visual	The ongoing temporary occupation of the additional area would not result in additional impact on the visual amenity of Barangaroo Reserve, Wulgul Walk and the foreshore areas than is currently associated with the project.	No additional measures required.	Y	Y	
Urban design	No change from approved project.	No additional mitigation measures required.	Y	Y	
Geotechnical	No change from approved project.	No additional mitigation measures required.	Y	Y	
Land use	No change from approved project.	No additional mitigation measures required.	Y	Y	
Climate Change	No change from approved project.	No additional mitigation measures required.	Y	Y	
Risk	No change from approved project.	No additional mitigation measures required.	Y	Y	
Other	No change from approved project.	No additional mitigation measures required.	Y	Y	
Management and mitigation measures	No change from approved project.	No additional mitigation measures required.	Y	Y	

11.0 Impact Assessment – Operation

Attach supporting evidence in the Appendix if required. Make reference to the relevant Appendix if used.

Aspect	Nature and extent of impacts (negative and positive) during operation (if control measures implemented) of the proposed activity/works, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Flora and fauna	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Water	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Air quality	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Noise vibration	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Indigenous heritage	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Non-indigenous heritage	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Community and stakeholder	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Traffic	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Waste	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Social	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Economic	No change from approved project.	No additional mitigation measures required.	Y	Y	-

Aspect	Nature and extent of impacts (negative and positive) during operation (if control measures implemented) of the proposed activity/works, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Visual	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Urban design	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Geotechnical	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Land use	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Climate Change	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Risk	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Other	No change from approved project.	No additional mitigation measures required.	Y	Y	-
Management and mitigation measures	No change from approved project.	No additional mitigation measures required.	Y	Y	-

12.0 Consistency with the Approved Project

<p>Based on a review and understanding of the existing Approved Project and the proposed modifications, is there is a transformation of the Project?</p>	<p>No. The proposed additional construction land is temporary only. The project would continue to provide a new metro rail line between Chatswood and Sydenham.</p>
<p>Is the project as modified consistent with the objectives and functions of the Approved Project as a whole?</p>	<p>Yes. The proposed extension to use of the Block 7 Foreshore area for staging the construction of Barangaroo Station would be consistent with the objectives and functions of the approved project.</p>
<p>Is the project as modified consistent with the objectives and functions of elements of the Approved Project?</p>	<p>Yes. The proposed extension to use of the Block 7 Foreshore area for staging the construction of Barangaroo Station would be consistent with the objectives and functions of the approved project.</p>
<p>Are there any new environmental impacts as a result of the proposed works/modifications?</p>	<p>No new environmental impacts are anticipated as a result of the extended use of the Block 7 Foreshore area for staging the construction of Barangaroo Station.</p>
<p>Is the project as modified consistent with the conditions of approval?</p>	<p>Yes. The proposed extension to use of the Block 7 Foreshore area for staging the construction of Barangaroo Station would be consistent with the conditions of approval.</p>
<p>Are the impacts of the proposed activity/works known and understood?</p>	<p>Yes. The impacts of the proposed extension to use of the Block 7 Foreshore area for staging the construction of are understood.</p>
<p>Are the impacts of the proposed activity/works able to be managed so as not to have an adverse impact?</p>	<p>Yes. The impacts of the proposed extension to use of the Block 7 Foreshore area for staging the construction of Barangaroo Station can be managed so as to avoid an adverse impact.</p>

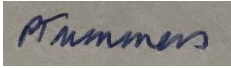
13.0 Other Environmental Approvals

Identify all other approvals required for the project:

N/A


Author certification

To be completed by person preparing checklist.


<p>I certify that to the best of my knowledge this Consistency Checklist:</p> <ul style="list-style-type: none"> Examines and takes into account the fullest extent possible all matters affecting or likely to affect the environment as a result of activities associated with the Proposed Revision; and Examines the consistency of the Proposed Revision with the Approved Project; is accurate in all material respects and does not omit any material information. 			
Name:	Pam Tummers	Signature:	
Title:	Environmental & Sustainability Manager		
Company:	Sydney Metro	Date:	11-August-2020

Environmental Representative Review

(Additional step for City & Southwest projects only – if this is a CA against a Northwest Project or REF delete this table)

<p>As an approved ER for the Sydney Metro City & Southwest project, I have reviewed the information provided in this assessment. I am satisfied that mitigation measures are adequate to minimise the impact of the proposed work.</p>			
Name:	Michael Woolley	Signature:	
Title:	Environment Representative	Date:	19 August 2020

This section is for Sydney Metro only.

<p>Application supported and submitted by</p>			
Name:	Yvette Buchli	Date:	20/08/2020
Title:	Assoc. Director Planning Approvals	Comments:	
Signature:			

Based on the above assessment, are the impacts and scope of the proposed activity/modification consistent with the existing Approved Project?

- Yes The proposed activity/works are consistent and no further assessment is required.
- No The proposed works/activity is not consistent with the Approved Project. A modification or a new activity approval/ consent is required. Advise Project Manager of appropriate alternative planning approvals pathway to be undertaken.

Endorsed by			
Name:	Fil Cerone	Date:	21 August 2020
Title:	Director Northwest/City & Southwest, Sustainability, Environment & Planning	Comments:	
Signature:	