



Integrated
Management
System

Planning Approval Consistency Assessment Form

SM ES-FT-414

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Barangaroo Additional Temporary Land
Prepared by:	Julia Diamond
Prepared for:	Sydney Metro
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Table of Contents

1.0 Existing Approved Project	3
2.0 Description of proposed development/activity/works	5
3.0 Timeframe.....	6
4.0 Site description	6
5.0 Site Environmental Characteristics	6
6.0 Justification for the proposed works	7
7.0 Environmental Benefit.....	7
8.0 Control Measures.....	7
9.0 Climate Change Impacts	8
10.0 Impact Assessment – Construction	9
11.0 Impact Assessment – Operation	12
12.0 Consistency with the Approved Project	14
13.0 Other Environmental Approvals.....	15
Author certification.....	16
Environmental Representative Review.....	16
Appendix A – Metro Construction Site Staging Zones.....	18

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

Mod 8 Blues Point Access Site

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

Modification 8 Approval date 25 November 2020

Consistency Assessment Barangaroo Station (TfNSW 07 Approved 09 May 2017)

Consistency Assessment Barangaroo Temporary Additional Land (TfNSW 23 Approved 11 October 2017)

Consistency Assessment Barangaroo Additional Land (TfNSW 25 Approved 27 June 2018)

Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 40 Approved 21 August 2020)

Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 45 Approved 1 February 2021)

Type of planning approval: Critical State Significant Infrastructure

(Uncontrolled when printed)

Description of existing approved project you are assessing for consistency:

Section 3.2.5 of the Submissions and Preferred Infrastructure Report (SPIR) identified that the temporary occupation of construction areas at Barangaroo could have impacts on the staging of the Central Barangaroo Precinct development. To manage these impacts, the final configuration of construction activities within Central Barangaroo would be determined in consultation with the (then) Barangaroo Delivery Authority (now) Infrastructure NSW (INSW), with the objective of minimising disruption to construction staging for the precinct.

Consultation consistent with the SPIR has continued with INSW, supporting Sydney Metro's occupancy of various parcels of land within the area under a Temporary Access Licence for extended access to various parcels of land for construction of the final Barangaroo Station. General boundaries and timeframes described as follows were previously agreed to with INSW and approved under previous Consistency Assessment [TfNSW45](#):

- Foreshore Area SA-H2 – until August 2021 (actual opening to public occurred April 2021).
- Northern entry construction areas (SA-H3, H4, H5, H7) – until December 2023.
- A large portion of Block 7 – until January 2022, with a smaller portion adjacent to the station box until February 2023.
- Area SA-H21 – until December 2023.
- Area SA-H23 – commencing February 2021 for a period of 7 months.

Refer to map in **Appendix A** for location of these general boundaries.

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

Chatswood to Sydenham Environmental Impact Statement, May 2016

Chatswood to Sydenham Submissions and Preferred Infrastructure Report, October 2016

Chatswood to Sydenham Conditions of Approval, 9 January 2017, as modified

Modifications 1-8 Modification Reports and Submission Reports

Consistency Assessment Barangaroo Station (TfNSW 07 Approved 09 May 2017)

Consistency Assessment Barangaroo Temporary Additional Land (TfNSW 23 Approved 11 October 2017)

Consistency Assessment Barangaroo Additional Land (TfNSW 25 Approved 27 June 2018)

Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 40 Approved 21 August 2020)

Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 45 Approved 1 February 2021)

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 within the Central Barangaroo precinct. Through this ongoing consultation, extended access to various parcels of land (SA-H23, Block 7) for construction of the final Barangaroo Station has been agreed between INSW and Sydney Metro. A formal Master Interface Agreement (MIA) has been decided, with an overarching Heads of Agreement which provides access dates and options for extending access or early relinquishment, depending on the progress of adjacent construction sites (Aqualand). Access to the areas and the timeframes within this assessment is granted through a side letter which will be a variation to the Master Interface agreement and covers all INSW and Sydney Metro contractual matters.

INSW have also supported inclusion of the remainder of the area labelled Block 5 and Block 6 in **Appendix A** in the MIA following Lendlease's demobilisation out of this area which they had previously occupied for construction laydown, and extension of use of SA-H23 section of 'Waterfront Public Domain North'.

Appendix A includes a map of all the site areas which are intended to be used for the following uses:

- SA-H23 - for storage of concreting materials including reinforcement and formwork.
- A large portion of Block 7 - For access to the adjacent foreshore land in SA-H21 (the BR station site) and temporary storage of materials to support the Barangaroo Station construction. Activities may include some reinforcement steel welding and formwork assembly.
- Gate H4– for accessing SA-H23 and Block 5 and Block 6
- Access road between Block 6 and Block 7, and a small portion of Block 6 Foreshore (from the road bend to the foreshore) – for accessing SA-H23, Blocks 5 and 6
- Block 5 and Block 6– for storage of material for nearby Sydney Metro C&SW locations due to possible Covid-19 restrictions on storage areas currently within other LGAs, including storage of precast platform units, steel, site accommodation, reinforcement, formwork shutters, precast beams, shipping containers and cable drums. Activities may include some reinforcement steel welding and formwork assembly.

The current construction activities at Barangaroo Station shall not change due to the extended period of use or the addition of Blocks 5 and 6 and internal access road. Continued occupancy of the area will not affect the maintenance of public walkways within the Barangaroo area and there would be no change to the duration of work building the station (opening scheduled for 2024) or working hours, and minimal change in machinery or staffing levels.

3.0 Timeframe

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

New extended demobilisation dates under this proposal, with general boundaries are as follows:

- SA-H23 from November 2021 - until end June 2022
- A large portion of Block 7 - until end of June 2022 (with a smaller portion adjacent to the station box until February 2023)

Dates for access to new areas agreed to for Sydney Metro use are as follows:

- Gate H4 - from 2 August until end June 2022
- Access road between Block 6 and Block 7, and a small portion of Block 6 Foreshore (from the road bend to the foreshore) - until end of June 2022
- Block 5 and Block 6 from August 2021 - until end of August 2022 (6-12 months opportunity)

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 construction site areas are located on Lot 101, DP 1204946 which is owned by Infrastructure NSW.

Appendix A includes a map of the site areas showing construction site staging zones (as per letter of offer from INSW prior to authoring of this Consistency Assessment).

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 does not contain vegetation or habitat suitable for protected species.

The waters of Sydney Harbour and Nawi Cove are adjacent to the site in the north and west (refer **Appendix A**).

To the south, the surrounding land uses are construction zones, and associated laydown and ancillary facilities for the Barangaroo Central Development

Residential properties are not directly adjacent to the site but are located on High Street to the east of the construction site, and along Hickson Road to the north.

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.

The reason for extending the use of parcels of land additional to previously approved site boundaries is to assist the project in optimising construction activities goals while mitigating the risk associated with plant and pedestrian interfaces.

The station build contractor will use the area for construction activities and laydown.

Potential consequences if access to the areas are limited include:

- Inefficient utilisation of the available real estate.
- Restricted space for material laydown and safe designated walkways away from operational crange and equipment.
- Increased risk of delays from reduced inventory of materials for the BR station construction able to be stored on the site.
- Increase risk of delays to the overall CSW program if storage of materials is not in close proximity to the station construction sites, potential impacts of access restrictions and supply of materials due to Covid-19 restrictions if stored off-site in other Sydney LGAs.

7.0 Environmental Benefit

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

There are no environmental benefits with the proposed site access, although utilisation will ensure ongoing inspection and management of impacts such as stormwater, waste (litter).

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 SA-H23 and Block 7 is currently managed according to the JHCPBG Construction EMP and a site specific Site Environmental Plan (SEP) and Erosion and Sediment Control Plan. Following handover, Besix Watpac, the Barangaroo Station build contractor, will continue managing these areas according to their approved plans.

Block 5 and Block 6 will be managed by a separate Sydney Metro City and Southwest Principal Contractor’s with supporting environmental management and traffic management plans to be prepared.

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?

Work areas are temporary and would not be impacted by climate change in the period of occupancy.

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 measures required.	Y	Y	
Water	No change from approved project.	No additional measures required.	Y	Y	
Air quality	Localised air quality impacts from vehicles and movement of materials within these areas. No change from the Approved Project	No additional measures required.	Y	Y	
Noise vibration	The noise and vibration impacts from construction activities during use of the areas are consistent with those identified in the EIS. The equipment used would be the same, however works will be spread out over a larger area, and over the duration of the Barangaroo Station build. The additional SA-H23 and Blocks 5 and 6 land has until recently been used for similar laydown activities so there will be no change to the current land use. Blocks 5 and 6 and Gate H4 have some nearby residential sensitive receivers on Jenkin Street and High Street and Childcare situated over 100m from the southern edge of Block 5, with another development between the sites. The relevant Principal Contractor's Construction Noise and Vibration Impact Statement will be updated in accordance with CoA E33	No additional measures required.	Y	Y	

(Uncontrolled when printed)

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
Indigenous heritage	No change from approved project.	No additional measures required.	Y	Y	
Non-indigenous heritage	No change from approved project.	No additional measures required.	Y	Y	
Community and stakeholder	No change from the approved project.	Ongoing community notification.	Y	Y	
Traffic	There may be increased truck movements to the site due to the use of additional Blocks 5 and 6 land. Noise and traffic impacts will be managed by the CTMP process consistent with the Approved Project. Access and egress routes will not be affected. No change from the approved project.	No additional measures required.	Y	Y	
Waste	No change from the approved project.	No additional measures required.	Y	Y	
Social	No change from the approved project.	No additional measures required.	Y	Y	
Economic	No change from the approved project.	No additional measures required.	Y	Y	
Visual	The ongoing timeframe for temporary occupation and the additional area would have visual impact however, this would be negligible visual impact beyond what was assessed in the Approved Project.	Ongoing community notification.	Y	Y	
Urban design	No change from the approved project.	No additional measures required.	Y	Y	
Geotechnical	No change from the approved project.	No additional measures required.	Y	Y	

(Uncontrolled when printed)

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
Land use	No change from the approved project.	No additional measures required.	Y	Y	
Climate Change	No change from the approved project.	No additional measures required.	Y	Y	
Risk	No change from the approved project.	No additional measures required.	Y	Y	
Other	No change from the approved project.	No additional measures required.	Y	Y	
Management and mitigation measures	Relevant Principal Contractor Construction Environmental Management Plan, Noise and Vibration Management Plan and other relevant plans including Traffic Management Plan and Environmental Control Maps will be updated to include the additional areas. An Ancillary Facilities Management Plan will be developed for the new additional areas. No change from the approved project.	No additional 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 the approved project.	No additional measures required.	Y	Y	
Water	No change from the approved project.	No additional measures required.	Y	Y	
Air quality	No change from the approved project.	No additional measures required.	Y	Y	
Noise vibration	No change from the approved project.	No additional measures required.	Y	Y	
Indigenous heritage	No change from the approved project.	No additional measures required.	Y	Y	
Non-indigenous heritage	No change from the approved project.	No additional measures required.	Y	Y	
Community and stakeholder	No change from the approved project.	No additional measures required.	Y	Y	
Traffic	No change from the approved project.	No additional measures required.	Y	Y	
Waste	No change from the approved project.	No additional measures required.	Y	Y	
Social	No change from the approved project.	No additional measures required.	Y	Y	
Economic	No change from the approved project.	No additional 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 the approved project.	No additional measures required.	Y	Y	
Urban design	No change from the approved project.	No additional measures required.	Y	Y	
Geotechnical	No change from the approved project.	No additional measures required.	Y	Y	
Land use	No change from the approved project.	No additional measures required.	Y	Y	
Climate Change	No change from the approved project.	No additional measures required.	Y	Y	
Risk	No change from the approved project.	No additional measures required.	Y	Y	
Other	No change from the approved project.	No additional measures required.	Y	Y	
Management and mitigation measures	No change from the approved project.	No additional 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 of time and additional area for staging the construction of Barangaroo Station and nearby Sydney Metro C&SW locations 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 of time and additional area for staging the construction of Barangaroo Station and nearby Sydney Metro C&SW locations 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. No new environmental impacts are anticipated as a result of the extended use or additional area for staging the construction of Barangaroo Station and nearby Sydney Metro C&SW locations.</p>
<p>Is the project as modified consistent with the conditions of approval?</p>	<p>Yes. The proposed extension of time and additional area for staging the construction of Barangaroo Station and nearby Sydney Metro C&SW locations 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 of time and additional 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 of time and additional area for staging the construction of Barangaroo Station and nearby Sydney Metro C&SW locations 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
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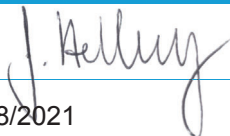
Author certification

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:	Julia Diamond	Signature:	
Title:	Environment Coordinator		
Company:	Sydney Metro	Date:	11/08/2021

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:	Jo Heltborg	Signature:	
Title:	Environmental Representative		
		Date:	11/08/2021

This section is for Sydney Metro only.

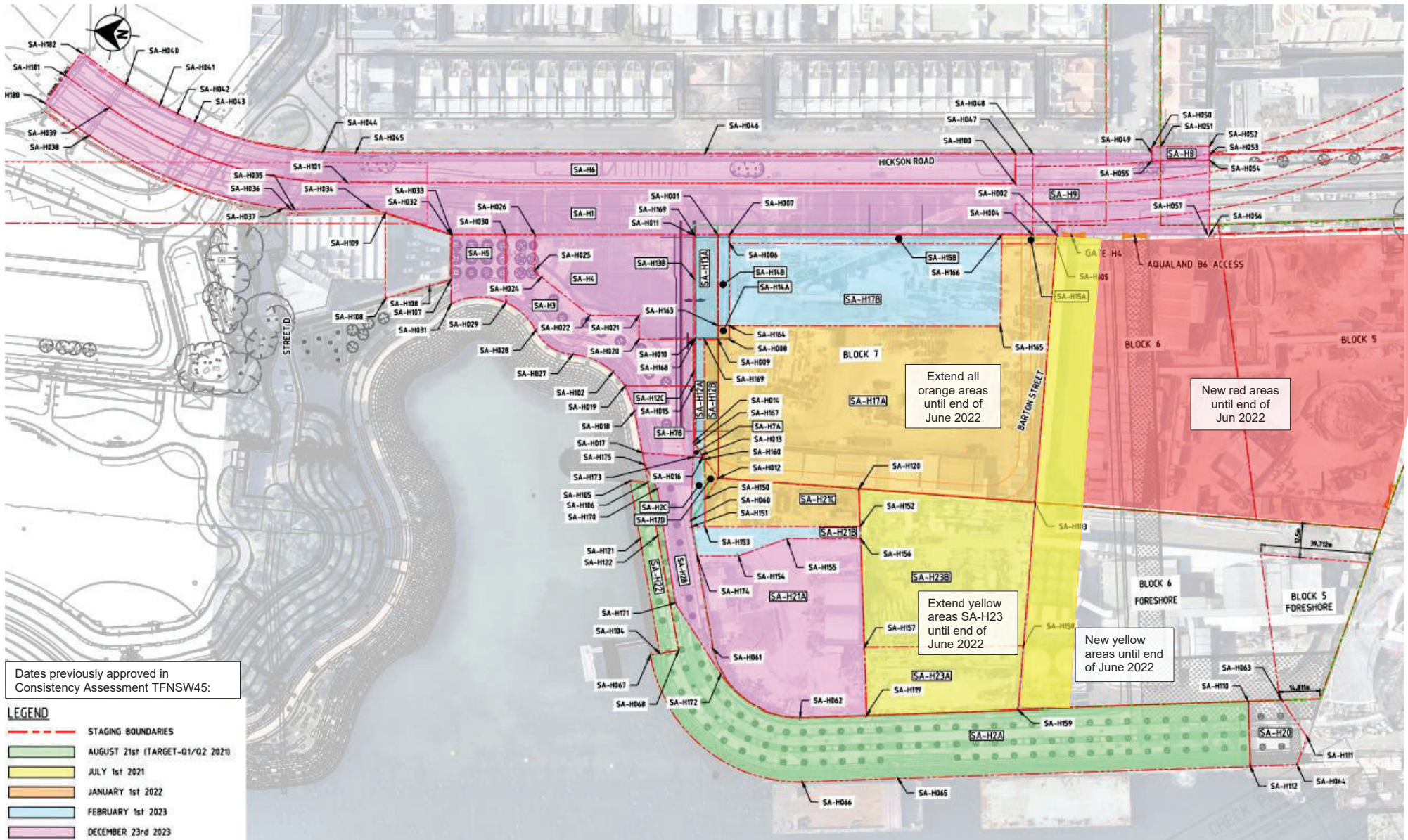
<p>Application supported and submitted by</p>			
Name:	Yvette Buchli	Date:	12/08/2021
Title:	Associate Director Planning Approvals	Comments:	
Signature:			

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:	18 August 2021
Title:	Director City & Southwest Environment, Sustainability & Planning	Comments:	
Signature:			

Appendix A – Metro Construction Site Staging Zones



Dates previously approved in Consistency Assessment TFNSW45:

Color	Staging Boundaries / Date
Green	AUGUST 21st (TARGET-Q1/Q2 2021)
Yellow	JULY 1st 2021
Orange	JANUARY 1st 2022
Blue	FEBRUARY 1st 2023
Pink	DECEMBER 23rd 2023