EPL 21807 Monitoring Report November 2023

SMWSASSM-PLD-1NL-NL000-EV-RPT-000004

Parklife Metro D&C

Document Approval

Revision	Author	Date	Comments	Reviewed by	Approved by
00	E.Chan	1/12/2023	Initial Draft	J Bradford	M Chilton

Signature	

Contents

Table of Figures

Table of Tables

1 Introduction

1.1 Background

Sydney Metro is Australia's biggest public transport program comprising four main packages of work including Metro North-West Line, Sydney Metro City and Southwest, Sydney Metro West, and Sydney Metro Western Sydney Airport (SMWSA, the Project). The SMWSA will become the transport spine for Greater Western Sydney, connecting communities and travellers with the new Western Sydney International (Nancy-Bird Walton) Airport (referred to as Western Sydney International) and the growing region.

The Sydney Metro Western Sydney Airport EIS was prepared in October 2020 to assess the impacts of construction and operation of the Project and was placed on public exhibition between 21 October 2020 and 2 December 2020. The Project was declared a Critical State Significant Infrastructure (CSSI) Project and is listed in Schedule 5 of State Environmental Planning Policy (State and Regional Development) 2011.

The Sydney Metro Western Sydney Airport Project was approved by the Minister for Planning and Public Spaces on 23 July 2021 (SSI 10051) under section 5.19 of the *NSW Environmental Planning and Assessment Act 1979* (EP&A Act).

The Project involves the construction and operation of a new metro railway line around 23km in length that extends from the existing Sydney Trains suburban T1 Western Line at St Marys in the north to the new Aerotropolis Station in the south at Bringelly. The alignment includes a combination of tunnel, surface, bridges and viaduct sections, and comprises of six new metro stations between St Marys and the Aerotropolis Core precinct, as well as a stabling and maintenance facility and operational control centre to support the operation of the new metro railway line (see Figure 1).

1.1.1 Stations, Systems, Trains, Operations and Maintenance (SSTOM) works

Parklife Metro D&C has been engaged to deliver the Stations, Systems, Trains, Operations and Maintenance (SSTOM) works. The SSTOM works comprises the delivery of six new stations between St Marys and the new Aerotropolis, 12 new metro trains, rail systems and a stabling and maintenance facility at Orchard Hills.

The scope of the Stations, Systems, Trains, Operations and Maintenance (SSTOM) package comprises:

- construction of the six new stations
- installation of tracks, signalling, mechanical and electrical systems
- supplying new driverless trains
- construction of stabling and maintenance facility at Orchard Hills
- operation and maintenance of the line and its assets, and
- handback of operations and maintenance at the end of term.

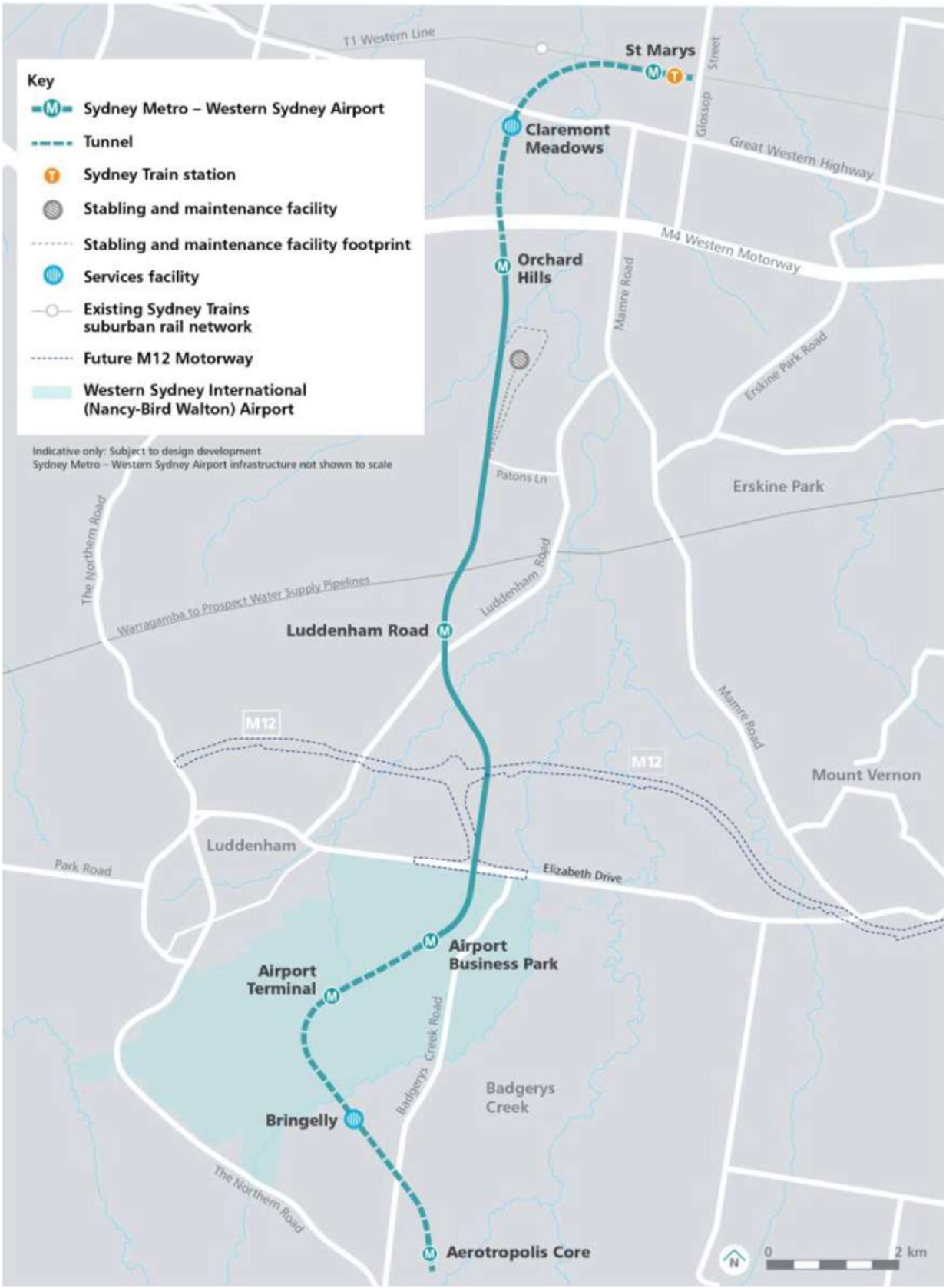


FIGURE 1 OVERVIEW OF SMWSA PROJECT

1.2 Scope of this report

Parklife Metro D&C have been issued an Environment Protection Licence (EPL No. 21807) from the NSW Environment Protection Authority (EPA) for the SMWSA SSTOM Works. The EPL applies to the works approved under the Infrastructure Approval SSI-10051 associated with the delivery of the off-airport portion of the SMWSA SSTOM Works, as detailed in Table 1. This EPL Monitoring Report provides the results of all pollution monitoring required to be measured or monitored by the licensee of EPL 21807 within the reporting period as required by Section 66 of the *Protection of the Environment Operations Act 1997* (POEO Act) and with reference to EPA Publication *Requirements for publishing pollution monitoring data* (Environment Protection Authority, 2013).

TABLE 1 LICENCE DETAILS

Licence Details	
Number	21807
Copy of Licence	Environment & Heritage | POEO Licences, Application and Notice Detail (nsw.gov.au)
Anniversary Date	20-July
Licensee	WEBUILD S.P.A
Premises	SYDNEY METRO WESTERN SYDNEY AIRPORT SSTOM PACKAGE FOOTPRINT SYDNEY METRO WESTERN SYDNEY AIRPORT-STATIONS, SYSTEMS, TRAINS, OPERATION & MAINTENANCE PACKAGE
Scheduled Activity	Railway activities – railway infrastructure construction

1.3 Reporting requirements

Under the POEO Act, holders of environment protection licences (licensees) must publish or make pollution monitoring data available to members of the public.

The POEO Act Section 66 requires:

"Conditions requiring monitoring, certification or provision of information, and related offences

(1) Monitoring The conditions of a licence may require—

(a) monitoring by the holder of the licence of the activity or work authorised, required or controlled by the licence, including with respect to—

(i) the operation or maintenance of premises or plant, and

(ii) discharges from premises, and

(iii) relevant ambient conditions prevailing on or outside premises, and

(iv) anything required by the conditions of the licence, and

(b) the provision and maintenance of appropriate measuring and recording devices for the purposes of that monitoring, and

(c) the analysis, reporting and retention of monitoring data.

(2) False or misleading information A holder of a licence who supplies information, or on whose behalf information is supplied, to the appropriate regulatory authority under the conditions of the licence is guilty of an offence if the information is false or misleading in a material respect."

The primary objective of the EPL Monitoring Report is that members of the public have access to the results of all pollution monitoring (which a licence specifies must be carried out) in a way that is meaningful to them.

The monitoring data that must be published and/or made available on request is any data that is obtained as a result of a monitoring condition on a licence that relates to air, water (surface or groundwater), noise and/or land pollution. The data to be published or provided is limited to data that relates to pollutants generated, discharged or emitted from the licensed premises.

The data is provided in tabular format that is easy for the general public to understand. Tables definitively display raw data values, while graphs and charts are useful for overviews and visualisation of long-term trends. Raw data will be provided upon request.

This EPL Monitoring Report will provide explanations as to why data may appear to be missing, which may be due to there being no discharge or the level of pollutant being below the detection level of the measurement instrument.

It's possible from time to time that incorrect data may get published in good faith. As soon as practicable after the licensee becomes aware that the published pollution monitoring data is incorrect or misleading, licensees must then publish a correction log to correct this data that is incorrect or misleading.

Table 2 provides a summary of the monitoring requirements of EPL 21807.

TABLE 2 EPL 21807 MONITORING REQUIREMENTS

EPL Condition	Requirement	Report Reference
Weather		
M5.1	The licensee must monitor and record temperature, wind direction, wind velocity and rainfall at either the project weather station, or through analysis of equivalent weather information obtained from the Australian Bureau of Meteorology. Monitoring must: a) be representative of the premises; b) commence prior to any works that may cause sediment to leave the premises; and c) continue to be operated until soil disturbance activities cease at the premises and the site has been stabilised.	Section 1.4.1 Appendix A
Noise		
L5.9	Works outside of standard construction hours – Regulatory Requirements In undertaking any works and activities outside of standard construction hours under condition L4.8, the licensee must comply with the following: a) Prepare a construction noise and vibration impact assessment in accordance with the Interim Construction Noise Guideline (DEC, 2009) that is to include: i. a description of the proposed works and activities outside of standard construction hours; ii. predictions of LAeq (15 minute) dB noise levels at noise sensitive receivers from these works and activities, where noise levels are predicted to be greater than those permitted under condition L4.3; and iii. a monitoring plan to validate the noise predictions, based on monitoring at the boundary of representative sensitive receivers during noise generating activities that are representative of the works and activities, including during the period/s predicted to have the highest noise level impacts. b) Undertake noise monitoring in accordance with the monitoring plan required by condition L4.9(a)(iii).	Not triggered

L5.10	St Marys Station - Out of Hours Concrete Works Concrete works associated with station box construction at St Marys station, including concrete pouring, finishing and cleaning, are permitted to be undertaken outside of standard construction hours specified in L5.1 provided that: a) Works are required to achieve compliance with overarching project technical requirements, b) Works had already begun within a reasonable time prior to end of standard construction hours, c) Out of Hours (OOH) works are undertaken from 6pm to 10pm, Monday to Friday and 1pm to 4pm on Saturday, d) Station box base slab and wall concreting activities (e.g. using concrete pump, vibrators, concrete trucks, etc) must be completed before 9pm on Monday to Friday, e) Station box base slab and wall concreting activities are permitted to occur up to 9pm Monday to Friday a total of 12 times, f) All other concreting activities (e.g. using concrete pump, vibrators, concrete trucks, etc) must be completed before 8pm on Monday to Friday, g) Concrete finishing works (e.g. power floats, hand tools) must be completed before 10pm on Monday to Friday, h) The licensee is required to undertake noise monitoring in accordance with condition L5.9(b), i) The licensee is required to provide the EPA with a Noise Monitoring Report within 30 days of commencement of works, j) Works are permitted to occur until 27 December 2023.	Not triggered
M4.4	The licensee must undertake noise and vibration monitoring as directed by an authorised officer of the EPA. Where the monitoring is requested to take place on private land (for example a residential property) the licensee must request permission to access the premises in advance and keep a record of permission requests and responses. If a licensee is unable to obtain permission, the licensee must undertake the monitoring at an indicative location where possible and they must provide the response (including any nil response) to the EPA.	Not triggered
Community Agreements		
E1.4	A noise validation monitoring plan must be submitted to the EPA for approval as part of the community agreement documentation prior to any OOHW occurring.	Not triggered
E1.5	Validation monitoring must be undertaken for any OOHW that are the approved under condition E1.1 and must: a) be undertaken in accordance with the monitoring plan prepared under condition E1.4; b) be performed by a Competent Person; c) be performed on at least the first 2 occasions (day, evening, nights) where OOHW will be undertaken and are likely to impact Noise Sensitive Receivers; d) be performed on any other occasion (day, evening, night) where the nature of the works is likely to cause greater noise impacts than the first 2 occasions; e) be representative of the impacts in terms of monitoring locations, time and duration of measurements; and f) be recorded and provided to an EPA officer upon request.	Not triggered
Water		

<table>
<tr><td>P1.1</td><td>The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.<table><tr><th>EPA Identification no</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Location Description</th></tr><tr><td>1</td><td>Discharge and Monitoring</td><td>Discharge and Monitoring</td><td>The outlet of the sediment basin on the Aerotropolis site discharging to Thompson Creek referred to in Condition P1.2</td></tr></table></td><td>Section 1.4.2
Appendix B</td></tr>
<tr><td>M2.2</td><td><table><tr><th>Pollutant</th><th>Unit of measure</th><th>Frequency</th><th>Sampling Method</th></tr><tr><td>Oil and Grease</td><td>Visible</td><td>Special Frequency 1</td><td>Visual inspection</td></tr><tr><td>pH</td><td>pH</td><td>Special Frequency 1</td><td>Probe</td></tr><tr><td>Turbidity</td><td>nephelometric turbidity units</td><td>Special Frequency 1</td><td>Probe</td></tr></table></td><td>Section 1.4.2
Appendix B</td></tr>
<tr><td>M2.3</td><td>For the purposes of Condition M2.2 and the Table thereto, 'Special Frequency 1' means:
a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and
b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.</td><td>Section 1.4.2
Appendix B</td></tr>
<tr><td colspan="3">Additional Monitoring Conditions</td></tr>
<tr><td>M4.5</td><td>The licensee must undertake monitoring, sampling, video recording and/or take photographs:
a) if the EPA or licensee reasonably suspects that an event has occurred at the premises or in connection with the carrying out of the activities that has caused, is causing, is likely to cause or has the potential to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies);
b) as soon as practicable; and
c) as directed by an authorised officer.</td><td>Not triggered</td></tr>
</table>

1.4 Monitoring

This section presents summaries of the monitoring completed in the reporting period from 1 November 2023 to 30 November 2023.

Detailed monitoring results for each program are presented in the Appendices.

1.4.1 Weather Monitoring

Meteorological observations were captured using the Bureau of Meteorology Weather Stations - Badgerys Creek (Station 067108). Meteorological data for the month of November can be found within Appendix A.

The total rainfall for this reporting period was 65.4 mm with 9 days exceeding 1mm of rain, 2 days exceeding 10mm of rain and 1 day exceeding 20mm of rain.

During the reporting period, all 30 days recorded wind gusts of greater than 25km/hr, 3 days where the maximum wind gust recorded was greater than 50 km/h and 2 days where the maximum wind gust was greater than 60 km/hr. Detailed weather observation records for the reporting period are presented in Appendix A.

This information is used daily on site to assess daily activities and consider mitigation measures as required.

TABLE 3 WEATHER SUMMARY AND TRIGGER WEATHER EVENTS FOR REPORTING PERIOD

Weather Event	Observation
Minimum temperature	9.5°C
Maximum temperature	35.4°C
Total rainfall	65.4mm
Number of days with rain (>1mm)	9
Number of days with rain (>10mm)	2
Number of days with rain (>20mm)	1
Number of days with >25km/h wind	30
Number of days with >50km/h wind	3
Number of days with >60km/h wind	2

1.4.2 Discharge to water

The discharge of water from one sediment basin occurred at the following discharging monitoring points/locations during this reporting period:

- SSTOM-001

Basins and discharge points are summarised in Table 4 and monitoring results included in Appendix B.

TABLE 4 DISCHARGE POINTS

ID	Construction Status	EPA	Easting	Northing	Description of location of discharge point	Catchment name	Name of nearest waters	Direct discharge to waters	Date added
SSTOM-001	Active	1	290807.84	6243844.20	The outlet of the sediment basin on the Aerotropolis site discharging to Thompson Creek	South Creek	Thompsons Creek	No	14/11/2023

1.4.3 Correction Log

It is possible from time to time for incorrect data to get published in good faith.

As soon as practicable after the licensee becomes aware that the published pollution monitoring data is incorrect or misleading, licensees must then publish a correction log to correct this data that is incorrect or misleading.

There are no matters included in the correction log for this reporting period.

Parklife Metro D&C

Appendices

Appendix A Weather Observations

SSTOM Weather Monitoring Data
Observations were drawn from Badgerys Creek AWS {station 067108}

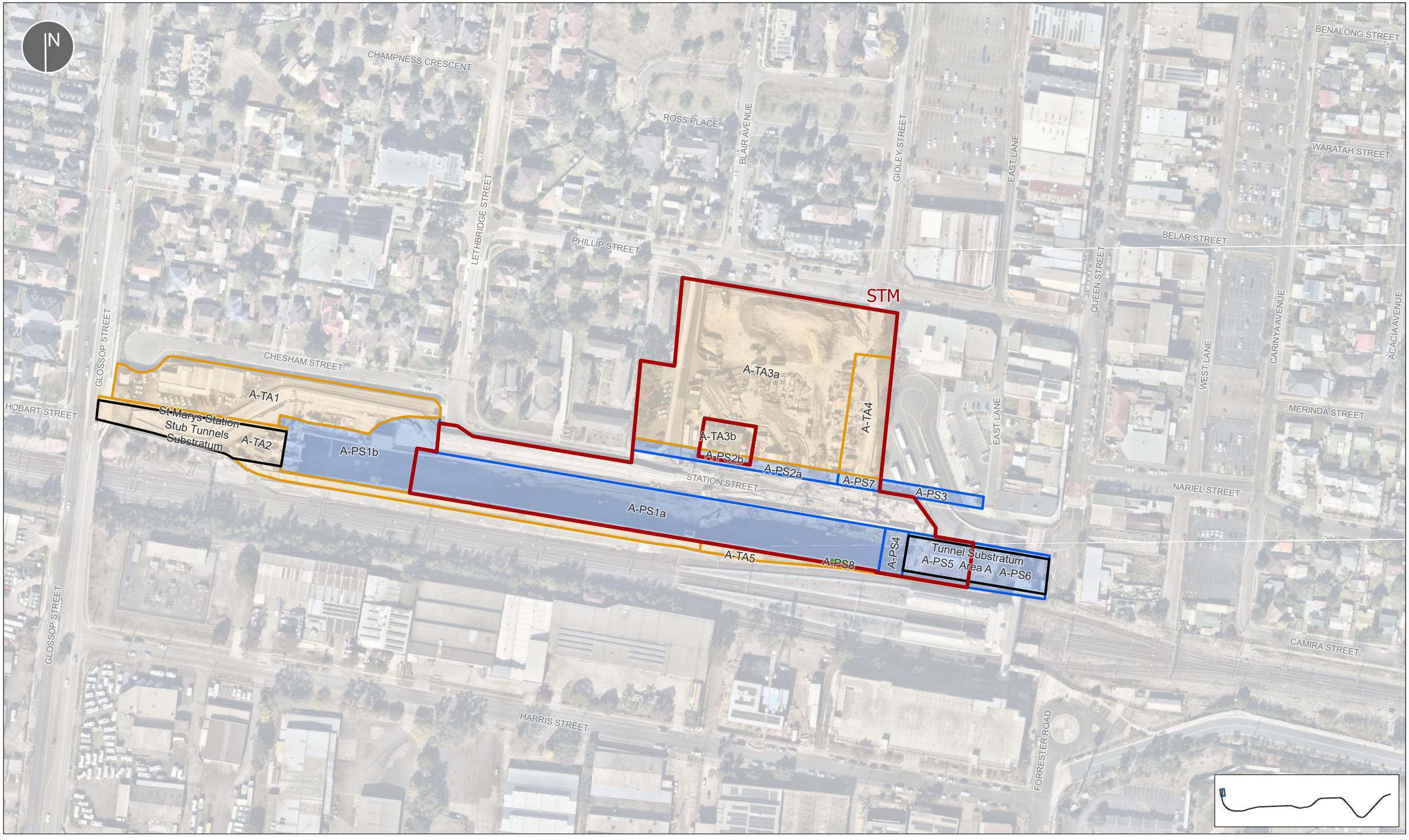
Date	Temperature		Rainfall	Wind Observations			Morning (9am) Weather Observation					Afternoon (3pm) Weather Observation				
	Minimum (°C)	Maximum (°C)	In the 24 hours to 9am (mm)	Direction of maximum wind gust	Speed of maximum wind gust (km/h)	Time of maximum wind gust	Temperature (°C)	9am relative humidity (%)	Wind direction	Wind speed (km/h)	9am MSL pressure (hPa)	Temperature (°C)	9am relative humidity (%)	Wind direction	Wind speed (km/h)	3pm MSL pressure (hPa)
1/11/2023	9.5	24.7	0	E	39	13:30	18.3	57	SE	7	1020.9	22.6	42	E	22	1018.4
2/11/2023	12	26.1	0	ESE	35	16:09	18.3	50	WSW	6	1022.3	24.3	34	NNE	17	1018.1
3/11/2023	15.7	26.3	0	ESE	35	14:38	19	67	E	4	1019.9	24.1	45	E	9	1016.1
4/11/2023	15.9	21.8	0	SE	33	13:09	18.5	72	SE	7	1021.3	17.4	77	SE	17	1021.1
5/11/2023	14.6	18.3	21.2	SE	31	11:02	15.3	99	SSE	11	1026.5	17.6	61	SE	11	1026.6
6/11/2023	13.2	24.1	4.6	E	30	16:43	17.2	68	N	4	1026.8	21.9	47	ESE	13	1022.7
7/11/2023	10.7	27.9	0.2	E	33	15:32	18.6	64	NE	6	1023.4	27.2	34	NNE	11	1017.8
8/11/2023	13.2	30.6	0	E	35	14:58	19.8	66	ESE	2	1019.5	29.9	32	NNE	11	1014.6
9/11/2023	13.8	30.7	0.4	WNW	69	13:50	21	73	E	2	1017.1	18.5	83	WNW	41	1013.5
10/11/2023	15.8	29.2	5.6	E	35	15:00	20.6	76	SW	4	1017.8	27.9	48	ESE	20	1015.2
11/11/2023	15.2	35.4	0.2	ENE	31	15:37	19.3	93	NNE	4	1019.2	34.3	31	NE	11	1013.3
12/11/2023	16.1	32	0	ESE	31	13:26	22	63	NNE	6	1016.5	27.7	53	E	20	1011.3
13/11/2023	16	25.4	0	E	31	13:22	19.6	66	ESE	9	1019	22.5	51	E	20	1016.1
14/11/2023	13.9	31.1	0	ESE	35	14:52	20.6	62	N	6	1014.9	30.7	31	ESE	6	1010.6
15/11/2023	17.9	27.5	0	ESE	30	12:45	22.3	74	ENE	6	1012.4	25.2	57	SE	19	1009.7
16/11/2023	18.8	31.6	0	ESE	41	13:01	23	61	NNW	6	1009.9	26.1	56	SE	22	1007.3
17/11/2023	15.2	25	3.6	SSE	37	17:03	17.2	60	S	15	1017.4	24.1	39	E	19	1016.6
18/11/2023	12	27.8	0	ENE	39	15:54	19.4	64	NNE	15	1021.4	26.9	37	NE	20	1018.1
19/11/2023	11.9	32.7	0	ESE	37	15:21	19.8	57	NNE	6	1021.2	31.7	27	ENE	17	1016.5
20/11/2023	16.6	29.3	0	NNE	46	16:15	20.9	74	E	2	1019.5	28	41	NNE	13	1016.7
21/11/2023	15.3	28	0	S	28	12:09	20.4	75	SSE	9	1019.9	26.6	55	E	9	1016.5
22/11/2023	15	27.6	0	ESE	30	14:19	23.2	60	SSW	15	1020.9	26.1	49	SE	17	1019.2
23/11/2023	17.8	26.4	0	SSE	35	14:11	21.1	72	SW	9	1023.3	25.1	56	SSE	20	1021.4
24/11/2023	17.4	24.6	1.2	ENE	30	15:00	20.3	85	SSW	4	1021.6	24.3	65	NE	6	1018.5
25/11/2023	17.7	22.9	8	NNE	26	16:35	18.7	100	NE	7	1015.6	21.5	84	NE	11	1011.7
26/11/2023	17.1	33	1.4	NW	52	15:55	22.8	81	WNW	9	1010.5	31.1	29	WNW	11	1007.6
27/11/2023	18.9	28.7	0.2	E	33	14:55	24.3	61	SE	9	1013.1	27.4	52	ESE	19	1011
28/11/2023	19	21.5	0	E	31	16:23	21.2	78	ENE	11	1015.5	20.3	90	E	15	1012.8
29/11/2023	18.9	29	14.8	NW	69	14:43	20.8	100	NNE	7	1005.7	24.7	69	ENE	19	1000.5
30/11/2023	15.5	29.1	4	WSW	44	15:05	20.8	85	SW	2	1002.1	26.4	47	NW	28	999.7

NOTE: Red Text denotes data that was missing from Badgerys Creek AWS {Station 067108] and has been sourced from Penrith Lakes AWS {Station 067113}

Appendix B Water Quality Monitoring

Discharge Monitoring Point ID	Type of Monitoring Point	Type of Discharge Point	Date	Discharge Permit No.	Oil and Grease (Visual inspection)	pH (6.5 - 8.5)	Turbidity (50 NTU)
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	10/11/2023	PMJV-ENV-DWP-2	Not visible	8.19	47.7
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	13/11/2023	PMJV-ENV-DWP-3	Not visible	8.42	41.5
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	17/11/2023	PMJV-ENV-DWP-4	Not visible	8.22	28.2
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	28/11/2023	PMJV-ENV-DWP-5	Not visible	7.48	0.4
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	07/12/2023	PMJV-ENV-DWP-6	Not visible	6.95	31.1
SSTOM-001	Sediment Basin	Discharge into stabilised spillway	15/12/2023	PMJV-ENV-DWP-7	Not visible	7.79	45.3

Appendix C Premise Maps - November



LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Aerial Stratum
- Project Site
- Substratum
- Temporary Area

0 40 80m

Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY
PROJECT: Sydney Metro – Western Sydney Airport - SSTOM
CLIENT: Sydney Metro
SCALE: 1:2,000 A3
DRAWN BY: DD
APPROVED: JB
MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09
REV: 09
SHEET: 1 of 6
COORDINATE SYSTEM: GDA2020 MGA Zone 56
REVIEW: JB
DATE: 23/11/2023

N

GALEA STREET
ILUKA ROAD
KINDLEBARK CLOSE
MEADOW PLACE
COACHWOOD DRIVE
SILVERWOOD WAY
CENTRAL PARK DRIVE
EQUESTRIAN CIRCUIT
SPRINGDALE STREET
CAULFIELD ROAD
DONCASTER AVENUE
BRUSHWOOD STREET
LOMANDRA STREET
BLACKWOOD STREET
CADDENS ROAD
GIPPS STREET
KENT ROAD
WESTERN MOTORWAY
FLINDERS AVENUE
SAMUEL MARSDEN ROAD
BLAXLAND CREEK
LANSDOWNE ROAD
SWEETWATER GROVE
WREN PLACE
HARRIER PLACE
HARYANA ROAD
SHAPLA ROAD
AMIT ROAD
PUNJAB STREET
GULSHAN AVENUE
DHIMAN STREET
SANDPIPER CRESCENT
SILKWOOD AVENUE
EGRET PLACE
REDGUM STREET
CHERRYWOOD STREET
BUTTERCUP STREET
EVERGREEN STREET
RAINTREE STREET
PANDOREA STREET
WHITE CEDAR AVENUE
JOSQUIN WAY

C-TA1
Tunnel
Substratum
Area B
C-TA2
C-TA5
C-TA6
C-TA7a
C-TA7b
C-TA8
C-TA9
C-TA10
C-TA11
C-TA12
C-PS1
C-PS2a
C-PS2b
C-PS3
C-PS4
C-PS5
D-PS1
D-TA1
OHE

LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Project Site
- Substratum
- Temporary Area

0 100 200m

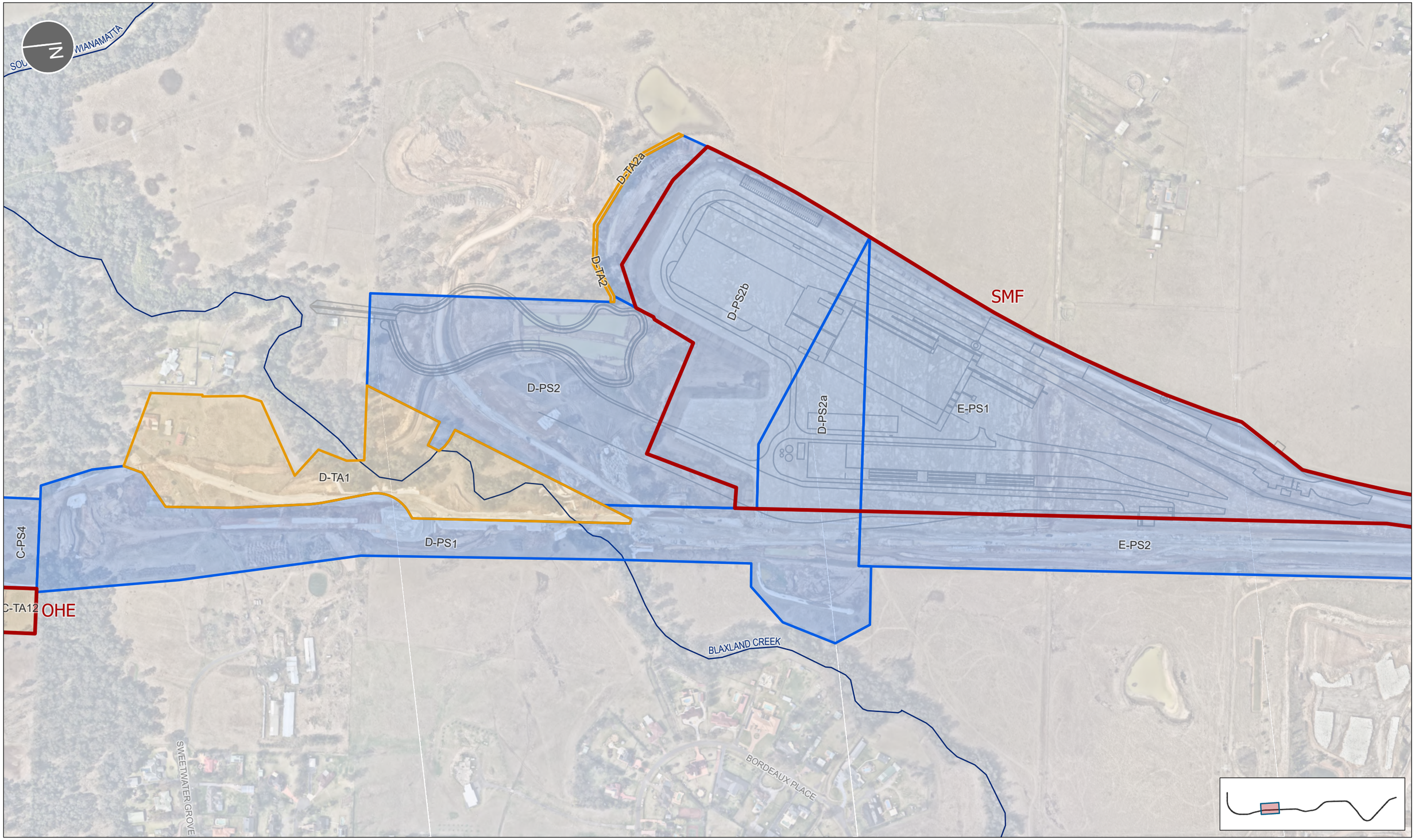
Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY
PROJECT: Sydney Metro – Western Sydney Airport - SSTOM
CLIENT: Sydney Metro
SCALE: 1:5,000 A3
DRAWN BY: DD
APPROVED: JB
MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09
REV: 09
SHEET: 2 of 6
COORDINATE SYSTEM: GDA2020 MGA Zone 56
REVIEW: JB
DATE: 23/11/2023

MAPOLOGY for CHBJV - GIS MAP file : SSTOM_ENV_EPL | C:\Live_Projects\sstom_gis\a_current\maps\Environment\SSTOM_ENV_EPL.aprx



LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Project Site
- Temporary Area

0 100 200m

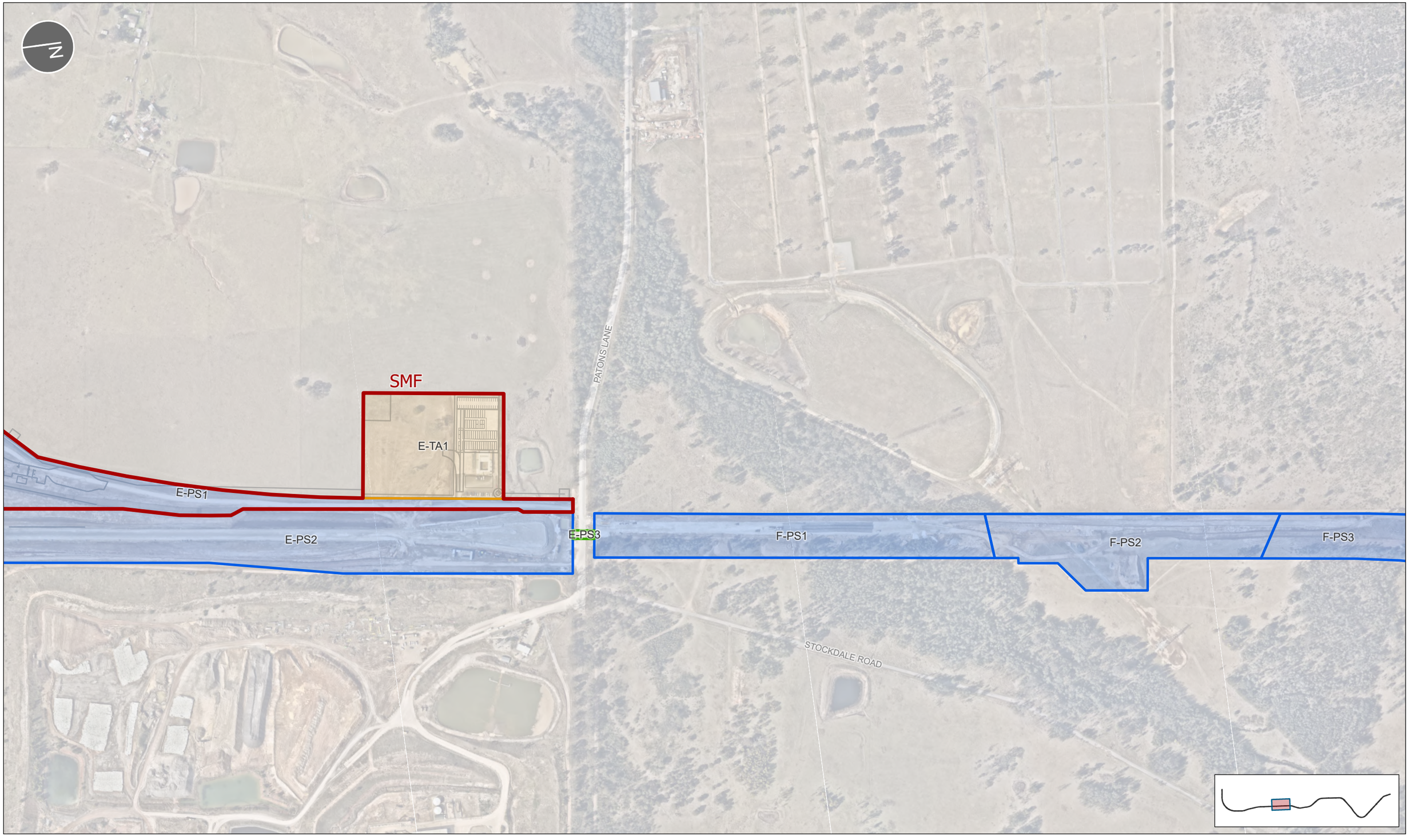
Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY
PROJECT: Sydney Metro – Western Sydney Airport - SSTOM
CLIENT: Sydney Metro
SCALE: 1:5,000 A3
DRAWN BY: DD
APPROVED: JB
MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09
REV: 09
SHEET: 3 of 6
COORDINATE SYSTEM: GDA2020 MGA Zone 56
REVIEW: JB
DATE: 23/11/2023

MAPOLOGY for CHBJV - GIS MAP file : SSTOM_ENV_EPL | C:\Live_Projects\sstom_gis\a_current\maps\Environment\SSTOM_ENV_EPL.aprx



LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Aerial Stratum
- Project Site
- Temporary Area

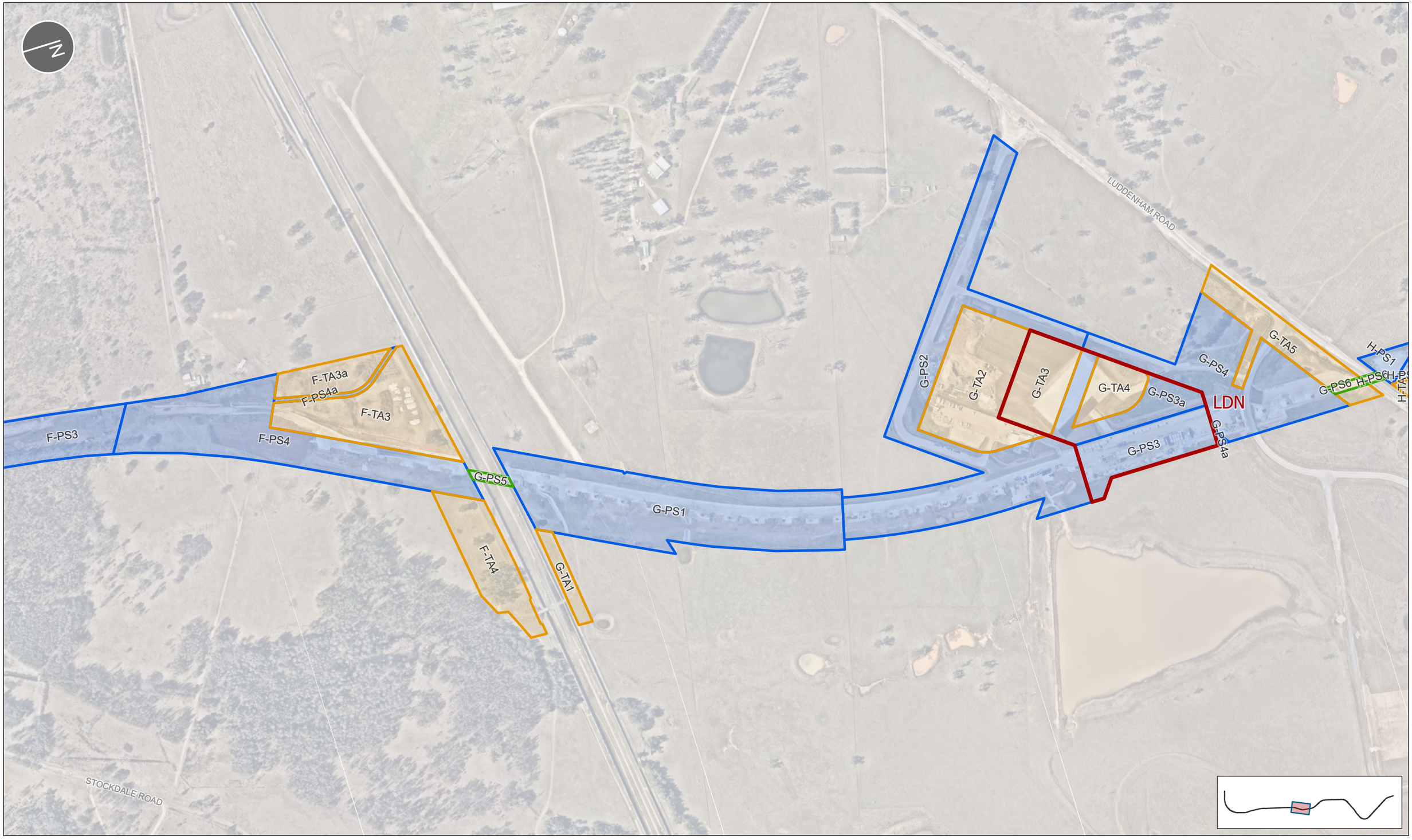
0 100 200m

Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY
PROJECT: Sydney Metro – Western Sydney Airport - SSTOM
CLIENT: Sydney Metro
SCALE: 1:5,000 A3
DRAWN BY: DD
APPROVED: JB
MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09
REV: 09
SHEET: 4 of 6
COORDINATE SYSTEM: GDA2020 MGA Zone 56
REVIEW: JB
DATE: 23/11/2023



LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Aerial Stratum
- Project Site
- Temporary Area

Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY

PROJECT: Sydney Metro – Western Sydney Airport - SSTOM

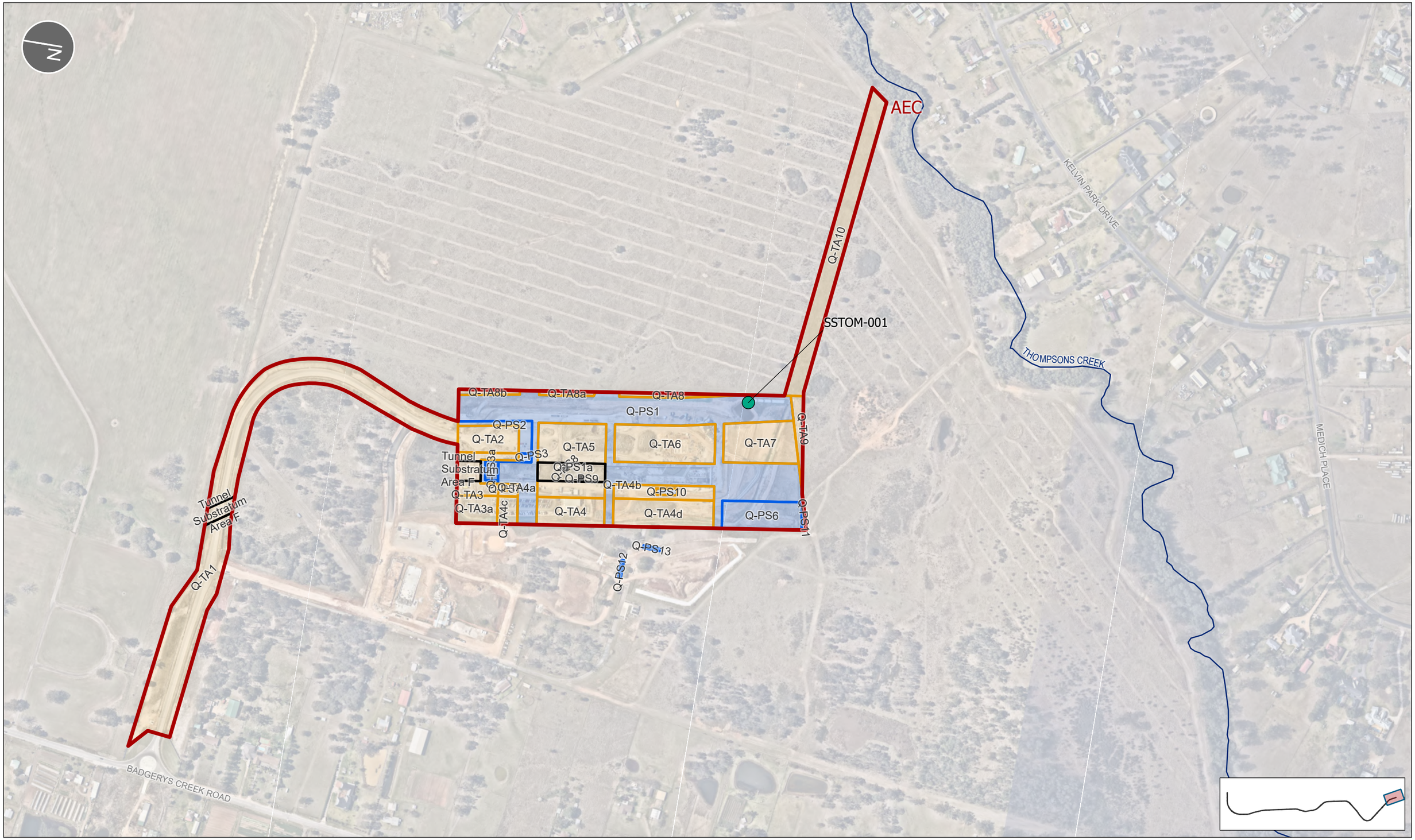
CLIENT: Sydney Metro

0 100 200m

SCALE: 1:5,000 A3 | DRAWN BY: DD | APPROVED: JB | MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09 | REV: 09

SHEET: 5 of 6 | COORDINATE SYSTEM: GDA2020 MGA Zone 56 | REVIEW: JB | DATE: 23/11/2023

MAPOLOGY for CHBJV - GIS MAP file : SSTOM_ENV_EPL | C:\Live_Projects\sstom_gis\a_current\maps\Environment\SSTOM_ENV_EPL.aprx



LEGEND

- EPL Premise Boundary
- Metro alignment
- Watercourse

Site Access Schedule

- Project Site
- Substratum
- Temporary Area

Discharge Points

- Temporary Sediment Basin

Parklife Metro D&C

NOTES
EPL Premise Boundary Map

REV	DATE	DESCRIPTION
04	14.09.2023	Premise Map update
05	25.09.2023	Premise Map update
06	28.09.2023	Premise Map update
07	12.10.2023	Premise Map update
08	31.10.2023	Premise Map update
09	23.11.2023	Premise Map update

TITLE: EPL 21807 PREMISE BOUNDARY

PROJECT: Sydney Metro – Western Sydney Airport - SSTOM

CLIENT: Sydney Metro

0 100 200m

SCALE: 1:5,000 A3 | DRAWN BY: DD | APPROVED: JB

SHEET: 6 of 6 | COORDINATE SYSTEM: GDA2020 MGA Zone 56 | REVIEW: JB | DATE: 23/11/2023

MAP #: SMWSASSM-PLD-1NL-ENV-GIS-000001_09 | REV: 09

MAPOLOGY for CHBJV - GIS MAP file : SSTOM_ENV_EPL | C:\Live_Projects\sstom_gis\a_current\maps\Environment\SSTOM_ENV_EPL.aprx