



**EPL 21347 POLLUTION  
MONITORING REPORT,  
FEBRUARY 2022**

**PARRAMATTA LIGHT RAIL**

**Parramatta**  
Connect

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**Project number**      **N81080**

**Document number:**    PLR1INF-CPBD-ALL-PE-RPT-000060

**Revision date:**        04/03/2022

**Revision:**                0

| <b>Rev.</b> | <b>Date</b> | <b>Prepared By</b> | <b>Reviewed By</b> | <b>Approved By</b> | <b>Remarks</b> |
|-------------|-------------|--------------------|--------------------|--------------------|----------------|
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|   |            |         |           |           |     |
|---|------------|---------|-----------|-----------|-----|
| 0 | 04/03/2022 | A. Nair | D. Corish | D. Corish | Nil |
|---|------------|---------|-----------|-----------|-----|



# 1. Introduction

## 1.1. Background

Parramatta Light Rail is one of the NSW Government's major infrastructure projects being delivered to serve a growing Sydney.

Parramatta Light Rail Stage 1 ('Stage 1') will connect Westmead to Carlingford via Parramatta Central Business District (CBD) and Camellia. Stage 1 is expected to be operational in 2023.

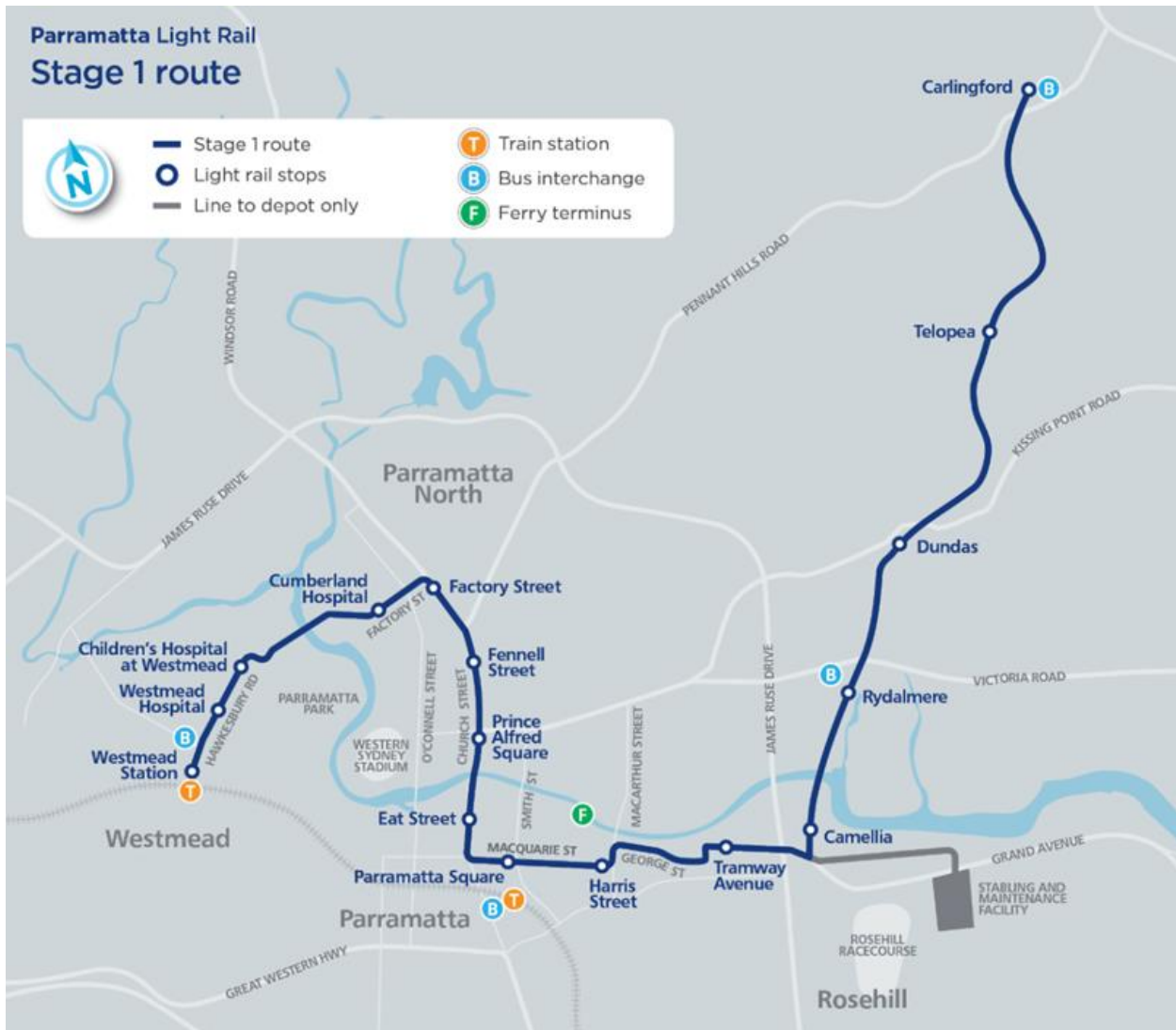
Stage 1 will create new communities, connect great places and help both local residents and visitors move around and explore what the region has to offer. The route will link Parramatta's CBD and train station to a number of key locations, including the Westmead Precinct, the Parramatta North Growth Centre, the new Western Sydney Stadium, the Camellia Town Centre, the new Powerhouse Museum and Riverside Theatre arts and cultural precinct, the private and social housing redevelopment at Telopea, the Rosehill Gardens Racecourse and the three Western Sydney University campuses.

In summary, the key features of Stage 1 include:

- A new dual track light rail network of approximately twelve (12) kilometres in length, including approximately seven (7) kilometres within the existing road corridor and approximately five (5) kilometres within the existing Carlingford Line and Sandown Line, replacing current heavy rail services
- Sixteen (16) stops that are fully accessible and integrated into the urban environment including a terminus stop at each end of Westmead and Carlingford
- High frequency 'turn-up-and-go' services operating seven days a week from 5am to 1am. Weekday services will operate approximately every 7.5 minutes in the peak period between 7am and 7pm
- Modern and comfortable air-conditioned light rail vehicles, nominally 45 metres long and driver-operated, each carrying up to 300 passengers.
- Intermodal interchanges with existing public transport services at Westmead terminus, Parramatta CBD and the Carlingford terminus
- Creation of two light rail and pedestrian zones (no general vehicle access) within the Parramatta CBD along Church Street (generally between Market Street and Macquarie Street) and along Macquarie Street (generally between Horwood Place and Smith Street)
- A Stabling and Maintenance (SaM) Facility located in Camellia for light rail vehicles to be stabled, cleaned and maintained
- New bridge structures along the alignment including over James Ruse Drive and Clay Cliff Creek, Parramatta River (near the Cumberland Hospital), Kissing Point Road and Vineyard Creek, Rydalmere
- Alterations to the existing road network including line marking, additional traffic lanes and turning lanes, new traffic signals, and changes to traffic flows
- Relocation and protection of existing utilities
- Public domain and urban design works along the corridor and at Stop precincts

- Closure of the heavy rail line between Carlingford and Clyde
- Active transport corridors and additional urban design features along sections of the alignment and within Stop precincts
- Integration with the Opal Electronic Ticketing System (ETS)
- Real time information in light rail vehicles and at Stops via visual displays and audio.

An overview of Parramatta Light Rail Stage 1 route is shown in Figure 1-1.



**Figure 1-1 Parramatta Light Rail Stage 1 Route**

The Parramatta Light Rail is subject to environmental impact assessment under the Environmental Planning and Assessment Act 1979 (EP&A Act). It is classified as Critical State Significant Infrastructure (CSSI). The EIS assessed impacts for Parramatta Light Rail Stage 1 (Westmead to Carlingford). This covered the light rail and associated works including road enabling work.



Stage 1 received Infrastructure Approval from the Minister for Planning under Section 5.19 of the EP&A Act on 29 May 2018 (Critical State Significant Infrastructure Application SSI-8285), subject to the conditions provided in the Instrument of Approval, specifically Schedule B – Ministerial Conditions of Approval.

The Infrastructure Approval was subsequently modified under Section 5.25 of the EP&A Act on 21 December 2018 and 25 January 2019.

The planning approval, modifications and related environmental assessment documents are located at: [http://majorprojects.planning.nsw.gov.au/index.pl?action=view\\_job&job\\_id=8285](http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=8285).

### 1.2.3 Stage 1 Delivery Strategy

Delivery of Stage 1 is achieved through the following five packages of work:

- **Enabling Works** (Package 1) – Local road network improvements including O’Connell Street and George Street (off-alignment)
- **Westmead Precinct Works** (Package 2) – Hawkesbury Road widening and demolition at Cumberland Hospital (east and west Campus)
- **Early Works** (Package 3) – Remediation of the Stabling and Maintenance (SaM) Facility
- **Infrastructure Works (Package 4) (the subject of this Report)** – Design and construction of civil works, public domain and light rail infrastructure up to road level/top of rail and to the top of the concrete slab at stops, including provision of utility services (excluding high-voltage power supply and cabling for rail systems), and decommissioning of the T6 Carlingford Line)
- **Supply, Operate and Maintain Works** (Package 5) – Design and construction of the light rail systems, high-voltage power supply and stops above slab level, the supply of light rail vehicles, and the design and construction of the SaM Facility, including all light rail operations, customer service and asset management.

Each package of work is to be delivered under separate contracts on behalf of the proponent Transport for NSW (TfNSW). While the packages will commence at different times under separate construction approvals, there will be periods during which the package works will overlap. The interactions between the packages are shown in **Figure 1-2**.

Parramatta Connect (the CPB Contractors and Downer EDI Works Joint Venture) has been engaged to deliver the Infrastructure Works. For construction, the Infrastructure Works are divided into portions and sub-portions, each of which is described in Table 1-1 together with significant environmental issues. The portions, light rail stops and precincts are depicted in **Figure 1-3**.

- Stage 1 route of Parramatta Light Rail
- ▬ Enabling Works
- ▬ Westmead Precinct Works
- ▬ Early Works
- ▬ Infrastructure Works
- ▬ Supply, Operate and Maintain Works

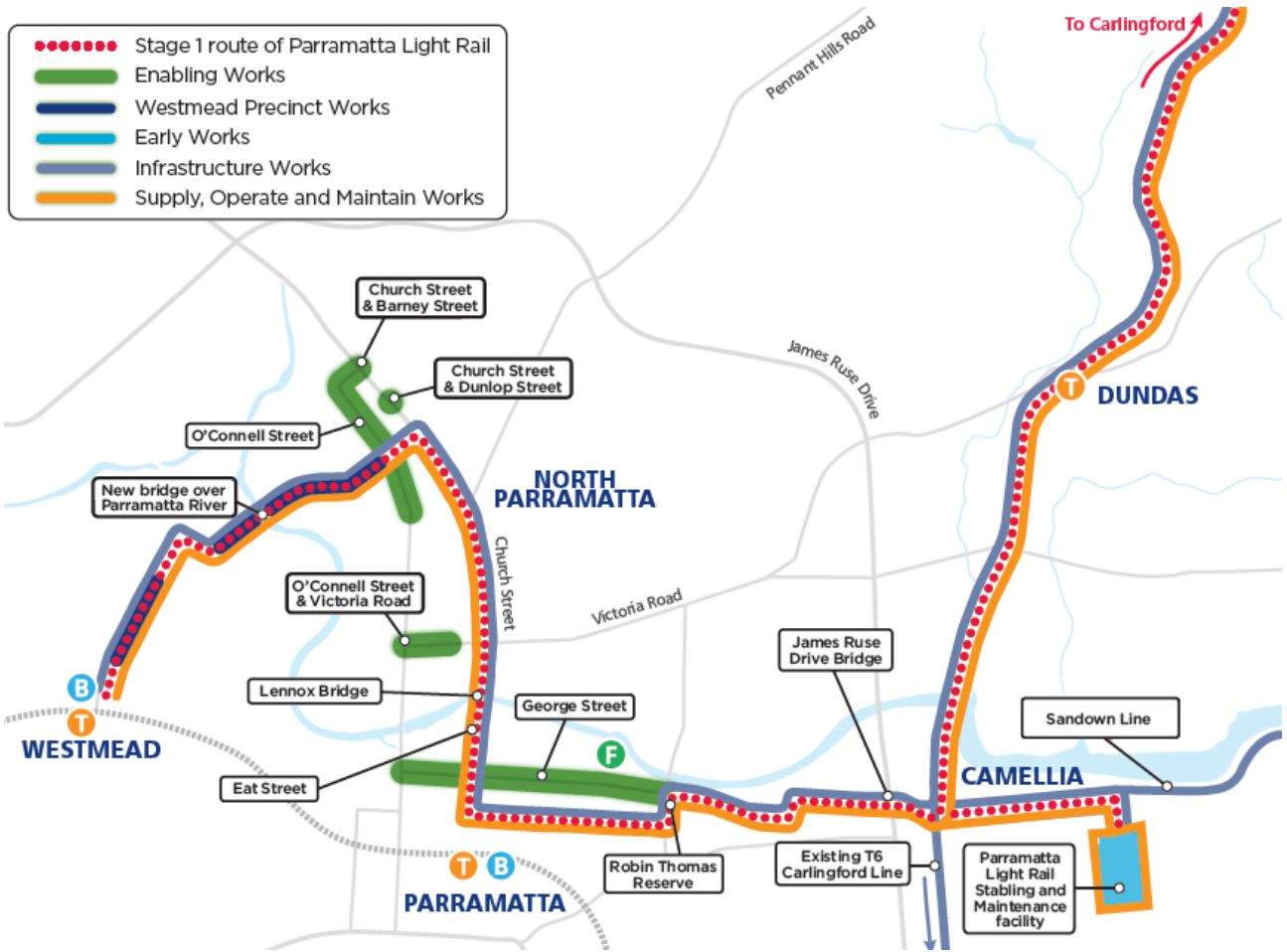


Figure 1-2 Parramatta Light Rail Stage 1 Delivery Strategy

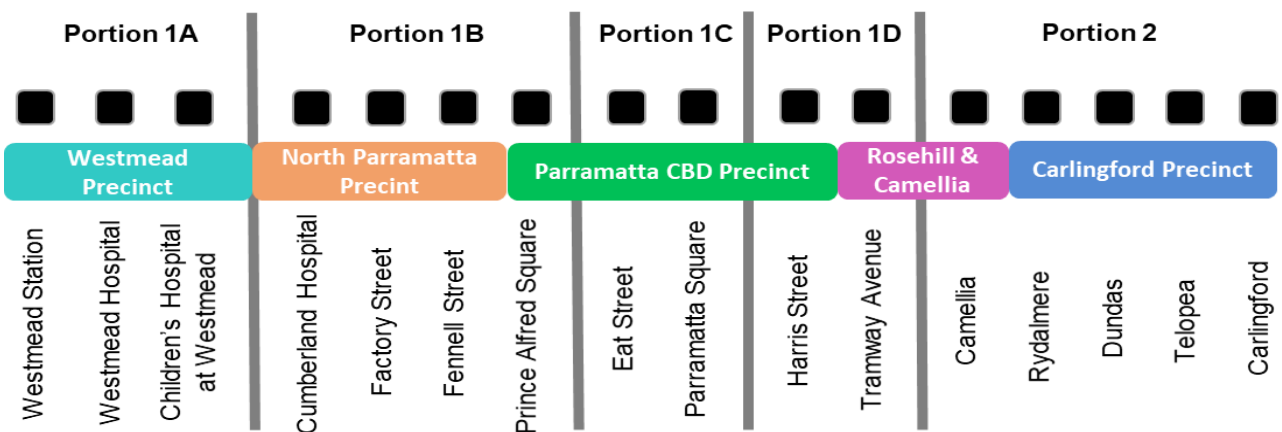


Figure 1-3 Infrastructure Works Portions, Precincts and Stations





## 1.2. Scope of this report

CPB Contractors Pty Limited have been issued an Environmental Protection Licence (EPL No. 21347) from the NSW Environment Protection Authority (EPA) for the Parramatta Light Rail Package 4 - Infrastructure Works on behalf of Parramatta Connect.

The EPL applies to the works approved under the Infrastructure Approval SSI-8285 associated with the delivery of Parramatta Light Rail Stage 1 Infrastructure Works (Package 4) under the operational control of Parramatta Connect. The EPL does not apply to other Parramatta Light Rail Stage 1 works packages.

This EPL Pollution Monitoring Report provides the results of all pollution monitoring required to be measured or monitored by the licensee of EPL 21347 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 1-1 provides a summary of the EPL 21347 details.

**Table 1-1 Licence details**

| Licence Details    |   |
|--------------------|---|
| Number:            | 21347   |
| Copy of License    | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=177484&amp;SYSUID=1&amp;LICID=21347">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=177484&amp;SYSUID=1&amp;LICID=21347</a> |
| Anniversary Date   | 03-January  |
| Licensee           | CPB Contractors Pty Limited   |
| Premises           | Parramatta Light Rail Stage 1 – Westmead to Carlingford,<br>Package 4<br>Parramatta NSW 2123  |
| Scheduled Activity | Railway activities - railway infrastructure construction  |





## 2. 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

“66 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 pollution monitoring reporting requirements 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. Data for the Parramatta Light Rail Infrastructure Works is presented on a monthly sampling period.

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.

An upfront note will be included on the licensee’s website or in this report to explain why any data may appear to be missing because there is no discharge or the level of pollutant being below the detection level of the measurement instrument.

It is possible from time to time that incorrect data may be 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 (refer to **Section 4**).



Table 2-1 provides a summary of the pollution monitoring requirements of EPL 21347.

**Table 2-1 EPL 21347 Pollution Monitoring Requirements**

| <b>EPL Condition</b> | <b>Requirement</b>   | <b>Report Reference</b>     |
|----------------------|--|-----------------------------|
| M1.1                 | Monitor and record hourly temperature, humidity, wind velocity and rainfall  | Section 3.1<br>Appendix A-1 |
| L4.8                 | Monitoring to validate the noise predictions for works undertaken outside of the standard construction hours as per the construction noise impact assessment | Section 3.2<br>Appendix A-2 |
| M4.2                 | Noise monitoring of noise and vibration complaints   | Section 3.2<br>Appendix A-2 |
| M3.3                 | Noise and vibration monitoring as directed by an authorised officer of the EPA   | Section 3.2<br>Appendix A-2 |
| P1                   | Discharge of pollutants to water from nominated discharge points   | Section 3.3<br>Appendix A-3 |
| L2.4                 | Discharge from sediment basins solely as a result of rainfall measured as a result of rainfall exceeding the rainfall depth value                            | Section 3.3<br>Appendix A-3 |

## 3. Monitoring

Section 3 presents a summary of the monitoring programs completed in the reporting period from 26 January 2022 to 25 February 2022.

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

### 3.1. Meteorological Data

The total rainfall recorded during the reporting period was 198.6 mm with 14 days exceeding one millimetre of rain. One rain event exceeded the 85<sup>th</sup> percentile (33.1mm).

During the reporting period, there were 29 days where the maximum wind gust recorded was greater than 25km/hr and no days where the maximum wind gust recorded was greater than 50km/hr. There was a total of 10 days where wind speeds greater than 25km/hr were forecast. On those days, a notification was issued to the construction team to alert them of the strong winds forecast, including direction for necessary controls to be implemented.

A summary of the weather observations and weather events during the reporting period of relevance to the Soil and Water Management Sub-plan and Air Quality Management Sub-Plan Trigger Action Response Plans (TARPs) are summarised in **Table 7-2**. A comparison between long term monthly means and recorded values can be found in **Figure 3-2**.

Detailed weather observation records for the reporting period are presented in **Appendix A-1**.

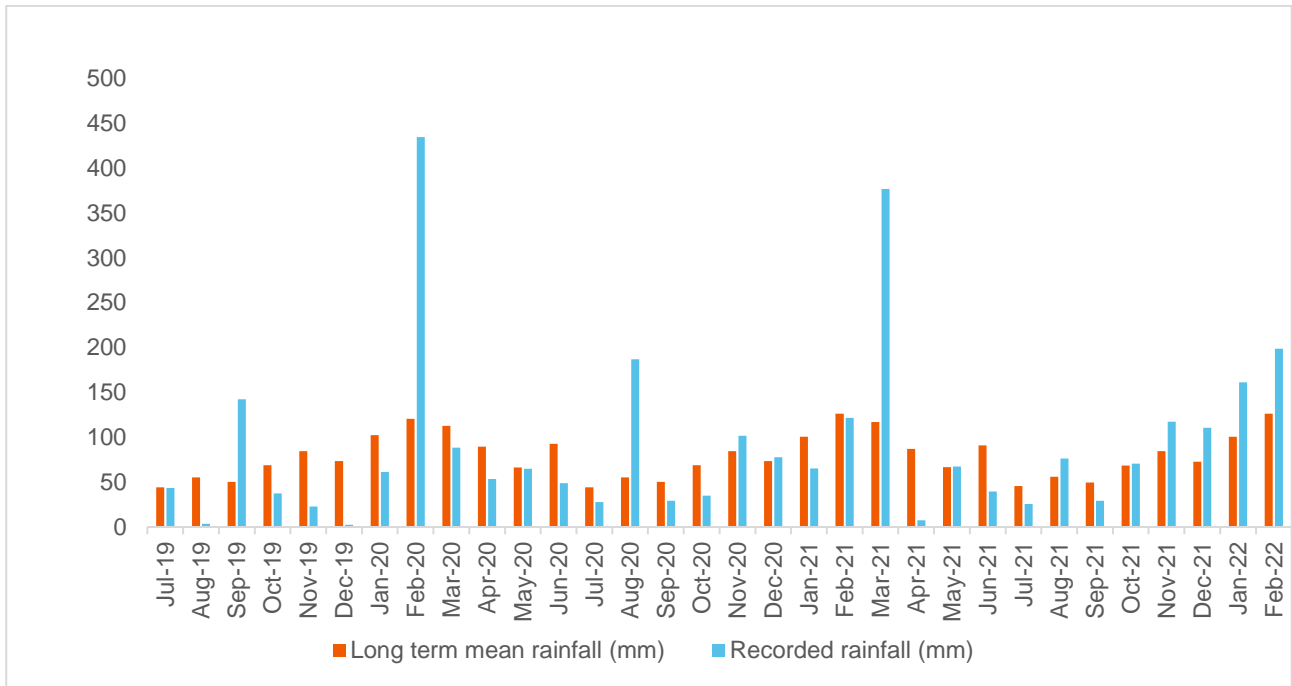
**Table 3-1 Weather Summary and Trigger Weather Events for reporting period<sup>1</sup>**

| Weather Event                                     | Forecast   | Observation |
|---|------------|-------------|
| Minimum temperature                               | 15.0°C     | 14.5°C      |
| Maximum temperature                               | 33.0°C     | 35.7°C      |
| Total rainfall                                    | 122.8 mm   | 198.6 mm    |
| Number of days with rain (>1mm)                   | 16 days    | 14 days     |
| >80 <sup>th</sup> percentile (25.8mm) rain events | 1 event    | 1 event     |
| >85 <sup>th</sup> percentile (33.1mm) rain events | 1 event    | 1 event     |
| Flood warning / events                            | 3 warnings | 1 event     |
| >25km/hr wind <sup>2</sup>                        | 10 days    | 29 days     |
| >50km/hr wind                                     | No days    | No days     |
| >60km/hr wind                                     | No days    | No days     |

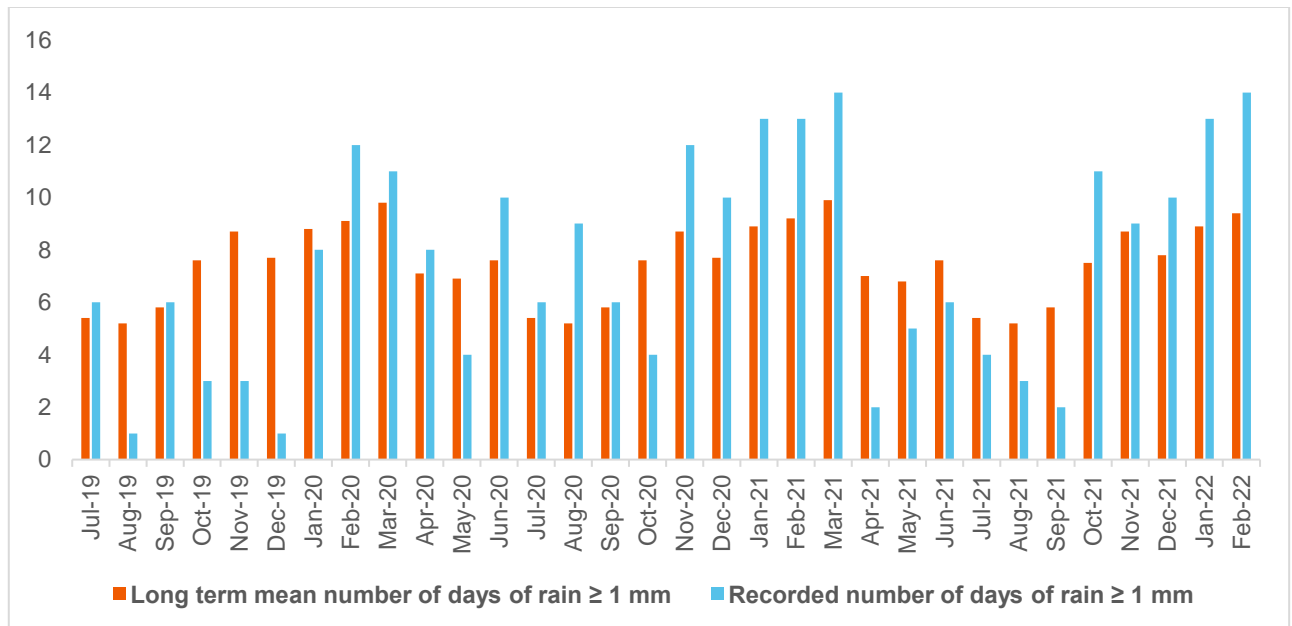
<sup>1</sup>Weather summary based on data from the 26 January 2022 to 25 February 2022 (31 days).

<sup>2</sup>Wind data from Sydney Olympic Park AWS (Archery Centre) {station 066212}. Weather data from Parramatta North (Masons Drive) {station 066124}.

Note: Red text indicates observation greater than forecast.



**Figure 3-1 Monthly rainfall comparison**



**Figure 3-2 Monthly rain days comparison**



## 3.2. Noise

Noise monitoring is a requirement of the following conditions of EPL 21347:

- L4.8 Monitoring to validate the noise predictions for works undertaken outside of the standard construction hours as per the construction noise impact assessment
- M4.2 Noise monitoring following noise and vibration complaints
- M3.3 Noise and vibration monitoring as directed by an authorised officer of the EPA.

**Table 3-3** provides a summary of noise monitoring events conducted during the reporting period. Detailed noise monitoring results and comments are presented in **Appendix A-2**. There were no exceedances of the predicted noise level ( $L_{Aeq15min}$ ) during the reporting period.

Continuous noise monitoring was undertaken during the reporting period at medical facilities in Westmead that have been identified as sensitive receivers. In consultation with the Health Administration Corporation, monitoring will be ongoing for 12 months. Locations of the noise monitors are provided in **Table 3-4**.

**Table 3-3 Summary of Noise Monitoring for reporting period**

| Date                | Monitoring Location   | Attended/Continuous | Description                |
|---------------------|---|---------------------|----------------------------|
| 21/02/2022          | 157 Hawkesbury Rd, Westmead                                     | Attended            | Concrete works, trackworks |
| 21/02/2022          | 199 Hawkesbury Rd, Westmead                                     | Attended            | Earthworks                 |
| 21/02/2022          | Cumberland Hospital East  | Attended            | Earthworks, excavation     |
| 21/02/2022          | 55 O'Connell St, North Parramatta                               | Attended            | Trackworks, earthworks     |
| 21/02/2022          | St Patricks Cemetery, North Parramatta                          | Attended            | Trackworks                 |
| 21/02/2022          | 20 Victoria Rd, Parramatta                                      | Attended            | Trackworks                 |
| 23/02/2022          | Arthur Phillip High School, Parramatta                          | Attended            | Trackworks                 |
| 21/02/2022          | 9 Noller Pde, Parramatta  | Attended            | Earthworks, trackworks     |
| 21/02/2022          | Dundas Station  | Attended            | Finishing works            |
| 26/06/2020 -ongoing | Westmead Institute for Medical Research (Sleep Lab)             | Continuous          | General construction       |
| 26/06/2020 -ongoing | Westmead Institute for Medical Research (Brain Dynamics Centre) | Continuous          | General construction       |
| 26/06/2020 -ongoing | Children's Medical Research Institute (Microscopy Labs)         | Continuous          | General construction       |
| 26/06/2020 -ongoing | Cumberland Hospital (Clinical psychology rooms)                 | Continuous          | General construction       |

**Table 3-4 HAC Noise Monitor Locations**

| Organisation                            | Monitor Type  | Location              |
|---|---------------|-----------------------|
| Westmead Institute for Medical Research | Noise Monitor | Sleep Lab             |
|   |               | Brain Dynamics Centre |



| Organisation                          | Monitor Type  | Location                  |
|---------------------------------------|---------------|---------------------------|
| Children's Medical Research Institute | Noise Monitor | Labs (Level 1)            |
| Cumberland Hospital                   | Noise Monitor | Clinical psychology rooms |

### 3.3. Discharge to water

The EPL discharge criteria apply to the sediment basins and settling containers identified and located in the document titled "Parramatta Light Rail Package 4 Discharge Point Register" and maintained on electronic file EF19/29672. The active basins and discharge points during the reporting period are summarised in **Table A-3-1**.

**Table A-3-2** provides a summary of the discharges by Parramatta Connect at the current active monitoring/discharge point or utilisation area that complied with condition L2.1. There were no discharge events during the reporting period.



## 4. Correction log

It is possible from time to time that incorrect data be 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.





# Appendices

## A-1 Weather Observations

Table A-1-1 Weather Observations: Parramatta North (Masons Drive) {station 066124}.

| Date       | Temperatures |      | Rain<br>mm | Temp<br>°C | RH<br>% | 9:00 AM    |     |             |
|------------|--------------|------|------------|------------|---------|------------|-----|-------------|
|            | Min          | Max  |            |            |         | Cld<br>8th | Dir | Spd<br>km/h |
|            | °C           | °C   |            |            |         |            |     |             |
| 26/01/2022 | 18.2         | 26.7 | 0          | 23         | 71      | 8          | SSE | 2           |
| 27/01/2022 | 16.2         | 27.5 | 0          | 23.8       | 65      | 4          | SW  | 6           |
| 28/01/2022 | 19.2         | 28.5 | 0          | 25         | 60      | 5          | NNE | 6           |
| 29/01/2022 | 19.8         | 30.5 | 0          | 24.6       | 61      | 4          | NE  | 4           |
| 30/01/2022 | 20           | 29   | 0          | 25.5       | 71      | 7          | SSE | 4           |
| 31/01/2022 | 19.2         | 30   | 0          | 25         | 76      | 7          | SW  | 4           |
| 1/02/2022  | 20           | 35.7 | 0          | 26         | 76      | 0          | SW  | 2           |
| 2/02/2022  | 20           | 21.3 | 15         | 20         | 98      | 8          | S   | 15          |
| 3/02/2022  | 17.6         | 24.8 | 5          | 19.8       | 70      | 6          | SSW | 11          |
| 4/02/2022  | 14.8         | 24.6 | 0          | 20.2       | 68      | 4          | SSW | 9           |
| 5/02/2022  | 15.8         | 25.2 | 3          | 20.5       | 70      | 5          | SSW | 6           |
| 6/02/2022  | 16.2         | 25.2 | 0.4        | 22.2       | 63      | 6          | SSW | 15          |
| 7/02/2022  | 15.6         | 24   | 1.2        | 18.2       | 88      | 6          | SSW | 7           |
| 8/02/2022  | 15.8         | 25.2 | 16.6       | 18         | 88      | 8          | SSE | 4           |
| 9/02/2022  | 14.5         | 31.8 | 0.4        | 20.6       | 76      | 0          | NW  | 6           |
| 10/02/2022 | 15.3         | 33.8 | 0          | 23.2       | 64      | 0          | S   | 4           |
| 11/02/2022 | 18.8         | 24.8 | 6.4        | 22.5       | 63      | 7          | SSW | 9           |
| 12/02/2022 | 18           | 23.2 | 2.8        | 21.8       | 66      | 7          | SSE | 4           |
| 13/02/2022 | 17           | 25.6 | 10.4       | 20.2       | 85      | 4          | SSW | 2           |
| 14/02/2022 | 14.5         | 28.8 | 0.6        | 20.3       | 77      | 5          | SW  | 4           |
| 15/02/2022 | 16.2         | 28.5 | 0          | 21.6       | 65      | 3          | NE  | 2           |
| 16/02/2022 | 16           | 29   | 0          | 21         | 68      | 3          | SW  | 4           |
| 17/02/2022 | 16.2         | 35   | 0          | 21.2       | 68      | 5          | NW  | 2           |
| 18/02/2022 | 18.5         | 31.2 | 8.8        | 22         | 71      | 6          | SSW | 2           |
| 19/02/2022 | 17.5         | 23.5 | 4.2        | 19         | 90      | 6          | SSE | 7           |
| 20/02/2022 | 16.4         | 31.5 | 0          | 21.8       | 76      | 0          | SW  | 2           |
| 21/02/2022 | 20.5         | 31.5 | 0          | 23         | 71      | 6          | W   | 6           |
| 22/02/2022 | 19.2         | 21.8 | 5.8        | 19.4       | 96      | 8          | SSW | 7           |
| 23/02/2022 | 19.4         | 27   | 74         | 21.5       | 93      | 7          | SSE | 2           |
| 24/02/2022 | 20.2         | 27   | 24         | 22.6       | 99      | 7          | SSE | 2           |
| 25/02/2022 | 20.5         | 23   | 20         | 21.5       | 99      | 8          | SSE | 2           |



**Table A-1-2 Wind Observations: Sydney Olympic Park AWS (Archery Centre) {station 066212}.**

| Date       | Maximum Wind Gusts |       |       | 9:00 AM   |       | 3:00 PM   |       |
|------------|--------------------|-------|-------|-----------|-------|-----------|-------|
|            | Direction          | Speed | Time  | Direction | Speed | Direction | Speed |
|            |                    | km/h  | local |           | km/h  |           | km/h  |
| 26/01/2022 | E                  | 33    | 14:16 | NNE       | 6     | E         | 19    |
| 27/01/2022 | E                  | 33    | 13:45 | NNE       | 6     | ENE       | 13    |
| 28/01/2022 | E                  | 30    | 15:46 | NNE       | 7     | E         | 15    |
| 29/01/2022 | ESE                | 31    | 14:07 | N         | 7     | E         | 17    |
| 30/01/2022 | ESE                | 35    | 14:37 | ENE       | 7     | E         | 17    |
| 31/01/2022 | E                  | 30    | 14:03 | NE        | 2     | ESE       | 20    |
| 1/02/2022  | ESE                | 31    | 13:52 | N         | 11    | E         | 19    |
| 2/02/2022  | E                  | 33    | 11:32 | N         | 6     | E         | 15    |
| 3/02/2022  | ESE                | 33    | 14:37 | SE        | 7     | ESE       | 19    |
| 4/02/2022  | ESE                | 31    | 13:36 | S         | 9     | ESE       | 20    |
| 5/02/2022  | E                  | 31    | 11:59 | SE        | 13    | ESE       | 17    |
| 6/02/2022  | NE                 | 41    | 13:20 | ENE       | 15    | E         | 20    |
| 7/02/2022  | NNE                | 48    | 16:53 | NE        | 9     | NE        | 17    |
| 8/02/2022  | NW                 | 41    | 23:01 | WNW       | 4     | E         | 15    |
| 9/02/2022  | ESE                | 30    | 11:03 | S         | 9     | SSE       | 9     |
| 10/02/2022 | NE                 | 28    | 15:08 | NE        | 7     | ENE       | 11    |
| 11/02/2022 | E                  | 28    | 12:20 | NE        | 2     | E         | 15    |
| 12/02/2022 | SSE                | 28    | 7:55  | S         | 17    | SSW       | 9     |
| 13/02/2022 | ESE                | 26    | 12:09 | Calm      | *     | E         | 7     |
| 14/02/2022 | ESE                | 28    | 13:22 | Calm      | *     | E         | 11    |
| 15/02/2022 | E                  | 26    | 14:51 | Calm      | *     | NW        | 7     |
| 16/02/2022 | *                  | *     | *     | WSW       | 7     | ESE       | 17    |
| 17/02/2022 | ESE                | 24    | 15:07 | NW        | 6     | E         | 15    |
| 18/02/2022 | SSE                | 33    | 16:35 | S         | 15    | SE        | 19    |
| 19/02/2022 | SSE                | 46    | 15:26 | SSW       | 9     | SSE       | 22    |
| 20/02/2022 | SE                 | 43    | 15:59 | SE        | 17    | SE        | 24    |
| 21/02/2022 | E                  | 33    | 14:30 | Calm      |       | SE        | 15    |
| 22/02/2022 | ESE                | 37    | 13:59 | WNW       | 2     | ESE       | 24    |
| 23/02/2022 | ESE                | 35    | 11:34 | SSE       | 7     | SE        | 13    |
| 24/02/2022 | E                  | 28    | 15:56 | WSW       | 6     | E         | 9     |
| 25/02/2022 | E                  | 31    | 15:57 | ENE       | 6     | E         | 11    |

Notes:

Blue text indicates a rain event greater than 1mm of rain.

The orange text indicates a rain event greater than the 80<sup>th</sup> percentile of 25.8mm, and a wind speed of greater than 25km/hr

Red text indicates a rain event greater than the 85<sup>th</sup> percentile of 33.1mm, and a wind speed greater than 50km/hr.

\* Data was unavailable.

## A-2 Noise Monitoring Results

Table A-2-1 Noise Monitoring Results

| Date                 | Time                  | Works Period       | Construction Activity      | Activity Location   | Monitoring Location                    | NML (dBA) | Predicted (dBA) | Additional Mitigation Measures | L <sub>Amax</sub> | Recorded L <sub>eq, 15min</sub> (dBA) | Exceedance of Predicted (dBA) | Exceedance of Predicted | Comments   |
|----------------------|-----------------------|--------------------|----------------------------|---|--|-----------|-----------------|--------------------------------|-------------------|---------------------------------------|-------------------------------|-------------------------|--|
| 21/02/2022           | 11:15                 | Standard Hours     | Concrete works, trackworks | Hawkesbury Road   | 157 Hawkesbury Rd, Westmead            | 61        | 76              | -                              | 86.6              | 65.7                                  | -10.3                         | No                      | Monthly verification noise monitoring. Traffic is dominant noise source.   |
| 21/02/2022           | 12:03                 | Standard Hours     | Earthworks                 | Hawkesbury Road   | 199 Hawkesbury Rd, Westmead            | 59        | 79              | -                              | 70.1              | 55.6                                  | -23.4                         | No                      | Monthly verification noise monitoring. Construction noise is dominant noise source.  |
| 21/02/2022           | 12:36                 | Standard Hours     | Earthworks, excavation     | Bunya East  | Cumberland Hospital East               | 59        | 72              | -                              | 74.7              | 57.4                                  | -14.6                         | No                      | Monthly verification noise monitoring. Construction noise is dominant noise source.  |
| 21/02/2022           | 15:07                 | Standard Hours     | Trackworks, earthworks     | Factory/O'Connell   | 55 O'Connell St, North Parramatta      | 52        | 78              | -                              | 81.5              | 68.1                                  | -9.9                          | No                      | Monthly verification noise monitoring. Traffic is dominant noise source.   |
| 21/02/2022           | 15:32                 | Standard Hours     | Trackworks                 | Church/Pennant Hills Road                                       | St Patricks Cemetery, North Parramatta | 61        | 71              | -                              | 76.9              | 62.4                                  | -8.6                          | No                      | Monthly verification noise monitoring. Traffic is dominant noise source.   |
| 21/02/2022           | 16:00                 | Standard Hours     | Trackworks                 | Church Street   | 20 Victoria Rd, Parramatta             | 69        | 72              | -                              | 88.9              | 68.3                                  | -3.7                          | No                      | Monthly verification noise monitoring. Traffic is dominant noise source.   |
| 23/02/2022           | 16:02                 | Standard Hours     | Trackworks                 | Macquarie Street  | Arthur Phillip High School, Parramatta | 68        | 74              | -                              | 87.7              | 59.7                                  | -14.3                         | No                      | Monthly verification noise monitoring. Non-PLR construction noise is dominant noise source.  |
| 21/02/2022           | 13:31                 | Standard Hours     | Earthworks, trackworks     | George Street   | 9 Noller Pde, Parramatta               | 53        | 77              | -                              | 72.1              | 54.8                                  | -22.2                         | No                      | Monthly verification noise monitoring. Construction noise clearly audible.   |
| 21/02/2022           | 14:09                 | Standard Hours     | Finishing works            | Dundas  | Dundas Station                         | 55        | 77              | -                              | 63.9              | 48.0                                  | -29.0                         | No                      | Monthly verification noise monitoring. Construction noise sometimes audible.   |
| 26/06/2020 - ongoing | Continuous monitoring | Construction works | Hawkesbury Road works      | Westmead Institute for Medical Research (Sleep Lab)             |  | 65        | *               | *                              | *                 | *                                     | *                             | No                      | Activities are reviewed in response to exceedance alerts. Where the exceedance is attributed to construction, a review is undertaken of works and plant/equipment or methodology is modified where necessary.<br><br>No exceedances were attributed to Parramatta Connect construction activities.<br><br>Continuous monitoring values are available on request. |
| 26/06/2020 - ongoing | Continuous monitoring | Construction works | Hawkesbury Road works      | Westmead Institute for Medical Research (Brain Dynamics Centre) |  | 65        | *               | *                              | *                 | *                                     | *                             | No                      |  |
| 26/06/2020 - ongoing | Continuous monitoring | Construction works | Hawkesbury Road works      | Children's Medical Research Institute (Microscopy Labs)         |  | 65        | *               | *                              | *                 | *                                     | *                             | No                      |  |
| 26/06/2020 - ongoing | Continuous monitoring | Construction works | Cumberland Hospital        | Cumberland Hospital (Clinical psychology rooms)                 |  | 55        | *               | *                              | *                 | *                                     | *                             | No                      |  |

Notes:

**Standard hours:**

- All areas excluding Eat Street and Camellia – Monday to Friday 7:00 am to 7:00 pm. Saturday 8:00 am to 6:00 pm
- Eat Street (Church Street between Palmer Street and George Street) – Monday to Friday 7:00 am to 6:00 pm. Saturday 8:00 am to 12:00 pm)
- Camellia, Rosehill and Rydalmere (east of James Ruse Drive to Victoria Road) – 24 hours a day and seven days a week provided that sensitive receivers are not affected by noise levels of greater than 5 dBA above the rating background level at any residence

**OOHW Period 1** is defined as:

- a) 6:00pm to 10:00pm (evenings) Monday to Saturday
- a) 7:00am to 8:00am and 1:00pm to 10:00pm (day & evening) Saturday and
- b) 8:00am to 6:00pm Sunday and public holidays (days).

**OOHW Period 2** is defined as:

- b) 10:00pm to 7:00am (nights) Monday to Saturday and
- c) 6:00pm to 8:00am (nights) Sundays and public holidays.

**Additional Mitigation Measures**

PN = Project Notification

V = Verification Monitoring

RP = Respite Period

AA = Alternate Accommodation

SN = Specific Notification / individual briefing or phone call

DR = Duration Reduction

RO = Project Specific Respite Offer



## A-3 Discharge to water

Table A-3-1 Parramatta Light Rail Package 4 Discharge Point Register (electronic file EF19/29672) (Rev 16, submitted 7 June 2021)

| ID    | Construction Status | Easting | Northing | AMG Zone | Reference System | Description of location of discharge point   | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description | Date added | Revision Added |
|-------|---------------------|---------|----------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|----------------------|------------|----------------|
| A2.01 | Active              | 315250  | 6256918  | 56       | MGA              | Existing stormwater pit on Church St, 40m north of the Phillip St intersection                                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 24/02/2020 | Rev 1          |
| A2.02 | Active              | 315231  | 6256879  | 56       | MGA              | Existing stormwater pit on the northwest corner of the intersection of Phillip St and Church St                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 24/02/2020 | Rev 1          |
| A2.03 | Active              | 315229  | 6256871  | 56       | MGA              | Existing stormwater pit on the southwest corner of the intersection of Phillip St & Church St                    | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 16/03/2020 | Rev 2          |
| A2.04 | Active              | 315204  | 6256552  | 56       | MGA              | Existing stormwater pit on Macquarie Street, near United Lane  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.05 | Active              | 315211  | 6256550  | 56       | MGA              | Existing stormwater pit on Macquarie Street, near United Lane  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.06 | Active              | 315266  | 6256546  | 56       | MGA              | Existing stormwater pit on Horwood Place (West), near Macquarie Street   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.07 | Active              | 315277  | 6256543  | 56       | MGA              | Existing stormwater pit on Horwood Place (East), near Macquarie Street   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.08 | Active              | 315315  | 6256514  | 56       | MGA              | Existing stormwater pit on Macquarie Street, near Leigh Memorial Church and Civic Place                          | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.09 | Active              | 315404  | 6256506  | 56       | MGA              | Existing stormwater pit on Macquarie Street, East of Smith Street intersection                                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.10 | Active              | 315433  | 6256477  | 56       | MGA              | Existing stormwater pit at the interesction of Macquarie Street and Smith Street (South West corner)             | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.11 | Active              | 315516  | 6256504  | 56       | MGA              | Existing stormwater pit at the north end of Barrack Lane   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.12 | Active              | 315692  | 6256429  | 56       | MGA              | Existing Stormwater pit on Macquaire Street at Charles Street intersection (North-West corner)                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.13 | Active              | 315685  | 6256422  | 56       | MGA              | Existing Stormwater pit on Macquaire Street at Charles Street intersection (South-West corner)                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 27/04/2020 | Rev 04         |
| A2.14 | Active              | 316007  | 6256445  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Opposite Albion Hotel.                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 316004  | 6256435  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Opposite Albion Hotel exit driveway.                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 316000  | 6256418  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Opposite Albion Hotel carpark.                         | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315980  | 6256389  | 56       | MGA              | Existing stormwater pit on western side of Harris Street. South of Albion Hotel entry driveway.                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315989  | 6256383  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Opposite empty corner lot.                             | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315975  | 6256365  | 56       | MGA              | Existing stormwater pit on western side of Harris St. Just north of intersection with Macquarie Street.          | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315984  | 6256361  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Opposite Northern footpath of Macquarie Street.        | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315984  | 6256344  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. In pedestrian crossing of Harris Street.               | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315970  | 6256347  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. In pedestrian crossing of Harris Street.               | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315969  | 6256344  | 56       | MGA              | Existing stormwater pit on eastern side of Harris Street. Just south of pedestrian crossing of Harris Street.    | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315948  | 6256282  | 56       | MGA              | Existing stormwater pit at intersection of Hassall Street and Harris Street. On northern side of Hassall Street. | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 28/05/2020 | Rev 05         |



| ID    | Construction Status | Easting     | Northing    | AMG Zone | Reference System | Description of location of discharge point   | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description                              | Date added | Revision Added |
|-------|---------------------|-------------|-------------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|---|------------|----------------|
| A2.15 | Active              | 315848      | 6256392     | 56       | MGA              | Existing stormwater pit on northern side of Macquarie Street. Just east of Argus Lane.                           | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315841      | 6256383     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. Opposite Argus Lane.                               | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315826      | 6256386     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. Opposite Endeavour Energy building.                | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315820      | 6256388     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. Opposite Endeavour Energy building.                | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315828      | 6256396     | 56       | MGA              | Existing stormwater pit on northern side of Macquarie Street. In front of Endeavour Energy building.             | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315796      | 6256393     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. In front of 187 Macquarie Street.                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315773      | 6256398     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. In front of 183 Macquarie Street.                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A2.15 | Active              | 315776      | 6256408     | 56       | MGA              | Existing stormwater pit on southern side of Macquarie Street. In front of driveway for 128-138 Macquarie Street. | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A   | 28/05/2020 | Rev 05         |
| A3.18 | Active              | 317220      | 6256123     | 56       | MGA              | Discharges into existing stormwater line at Sandown Lane flowing towards Parramatta River.                       | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | N/A                | Connection of new drainage to existing stormwater | 24/02/2020 | Rev 2          |
| A3.19 | Active              | 317845      | 6256065     | 56       | MGA              | Discharges into existing stormwater line at Sandown Lane flowing towards Parramatta River.                       | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | N/A                | Connection of new drainage to existing stormwater | 24/02/2020 | Rev 2          |
| A3.21 | Active              | 317837      | 6255954     | 56       | MGA              | Discharge into local stormwater system at Grand Avenue   | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | N/A                | Discharge into existing drainage                  | 18/06/2020 | Rev 6          |
| A3.3  | Active              | 317527      | 6257074     | 56       | MGA              | On eastern side of rail corridor adjacent to WSU. Discharges into Vineyard Creek.                                | Parramatta River | Vineyard Creek         | Yes                        | N/A                                | N/A                         | N/A                | Outlet headwall for new drainage                  | 24/02/2020 | Rev 2          |
| A3.4  | Active              | 317518      | 6257093     | 56       | MGA              | On western side of rail corridor adjacent to WSU. Discharges into Vineyard Creek.                                | Parramatta River | Vineyard Creek         | Yes                        | N/A                                | N/A                         | N/A                | Outlet headwall for new drainage                  | 24/02/2020 | Rev 2          |
| A3.20 | Active              | 316821      | 625304      | 56       | MGA              | Discharge into Clay Cliff Creek at Camellia / Parramatta, which flows towards Parramatta River                   | Parramatta River | Clay Cliff Creek       | Yes                        | N/A                                | N/A                         | N/A                | Discharge into existing creek                     | 8/04/2020  | Rev 3          |
| A3.21 | Active              | 317837      | 6255954     | 56       | MGA              | Discharge into local stormwater system at Grand Avenue   | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | N/A                | Discharge into existing drainage                  | 18/06/2020 | Rev06          |
| A3.22 | Active              | 318547      | 6258704     | 56       | MGA              | Discharge into local stormwater system at Adderton Road, Telopea   | Parramatta River | Vineyard Creek         | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 29/07/2020 | Rev07          |
| A3.23 | Active              | 317610      | 6257192     | 56       | MGA              | Discharge into local stormwater system at Brodie Street, Rydalmere   | Parramatta River | Vineyard Creek         | Yes                        | N/A                                | 744                         | Yes                | Discharge into stormwater                         | 12/08/2020 | Rev08          |
| A3.24 | Active              | 318526      | 6258711     | 56       | MGA              | Discharge into local stormwater system at Adderton Road, Telopea   | Parramatta River | Subiaco Creek          | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 12/08/2020 | Rev08          |
| A3.25 | Active              | 319050      | 6260064     | 56       | MGA              | Discharge into local stormwater system at Kenny Place, Carlingford   | Parramatta River | The Ponds Creek        | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 12/08/2020 | Rev08          |
| A1.1  | Active              | 313690.7262 | 6257310.858 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |
| A1.2  | Active              | 313696.9333 | 6257311.07  | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |
| A1.3  | Active              | 313682.1272 | 6257330.914 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |
| A1.4  | Active              | 313716.1421 | 6257363.357 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |
| A1.5  | Active              | 313698.505  | 6257374.379 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |
| A1.6  | Active              | 313741.9761 | 6257404.616 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater                         | 18/09/2020 | Rev09          |

| ID    | Construction Status | Easting     | Northing    | AMG Zone | Reference System | Description of location of discharge point   | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description      | Date added | Revision Added |
|-------|---------------------|-------------|-------------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|---------------------------|------------|----------------|
| A1.7  | Active              | 313730.636  | 6257423.83  | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater | 18/09/2020 | Rev09          |
| A1.8  | Active              | 313752.6865 | 6257450.289 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater | 18/09/2020 | Rev09          |
| A1.9  | Active              | 313763.4021 | 6257465.724 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater | 18/09/2020 | Rev09          |
| A1.10 | Active              | 313824.5051 | 6257536.596 | 56       | MGA              | Discharge into local stormwater system at Hawkesbury Rd, Westmead  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | Discharge into stormwater | 18/09/2020 | Rev09          |
| A2.33 | Active              | 316277      | 6256349     | 56       | MGA2020          | Existing stormwater pit on Western side of Purchase Street @ 15m South of junction with George Street.                                       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.34 | Active              | 316286      | 6256350     | 56       | MGA2020          | Existing stormwater pit on Eastern side of Purchase Street @ 12m South of junction with George Street.                                       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.35 | Active              | 316304      | 6256353     | 56       | MGA2020          | Existing stormwater pit on southern side of George Street opposite 1A Noller Parade.   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.36 | Active              | 316289      | 6256332     | 56       | MGA2020          | Existing stormwater pit on George Street Southern Slip lane, on Southern side of the carriageway, @ 8m East of junction with Purchase Street | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.37 | Active              | 316452      | 6256193     | 56       | MGA2020          | Existing stormwater pit on northern side of Hassall Street at North Western corner of junction with Alfred Street                            | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.38 | Active              | 316437      | 6256192     | 56       | MGA2020          | Existing stormwater pit on northern side of Hassall Street @ 15m West of junction with Alfred Street   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.39 | Active              | 316486      | 6256188     | 56       | MGA2020          | Existing stormwater pit on northern side of Hassall Street at North Eastern corner of junction with Alfred Street                            | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.40 | Active              | 316502      | 6256186     | 56       | MGA2020          | Existing stormwater pit on northern side of Hassall Street @ 15m East of junction with Alfred Street   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.41 | Active              | 316605      | 6256342     | 56       | MGA2020          | Existing stormwater pit on Southern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.42 | Active              | 316620      | 6256350     | 56       | MGA2020          | Existing stormwater pit on Northern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.43 | Active              | 316640      | 6256345     | 56       | MGA2020          | Existing stormwater pit on Northern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.44 | Active              | 316659      | 6256340     | 56       | MGA2020          | Existing stormwater pit on Northern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.45 | Active              | 316677      | 6256335     | 56       | MGA2020          | Existing stormwater pit on Northern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.46 | Active              | 316714      | 6256325     | 56       | MGA2020          | Existing stormwater pit on Northern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.47 | Active              | 316721      | 6256330     | 56       | MGA2020          | Existing stormwater pit on Western Side of Arthur Street   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.48 | Active              | 316710      | 6256313     | 56       | MGA2020          | Existing stormwater pit on Southern side of Tramway Avenue   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A2.49 | Active              | 316715      | 6256306     | 56       | MGA2020          | Existing stormwater pit on Western Side of Arthur Street   | Parramatta River | Clay Cliff Creek       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 8/10/2020  | Rev 10         |
| A1.11 | Active              | 315019      | 6258079     | 56       | MGA2020          | Existing Stormwater Pit on Factory St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.12 | Active              | 315037      | 6258090     | 56       | MGA2020          | Existing Stormwater Pit on Factory St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.13 | Active              | 315027      | 6258097     | 56       | MGA2020          | Existing Stormwater Pit on Factory St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.14 | Active              | 315042      | 6258104     | 56       | MGA2020          | Existing Stormwater Pit on Factory St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.15 | Active              | 315034      | 6258108     | 56       | MGA2020          | Existing Stormwater Pit on Factory St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |



| ID    | Construction Status | Easting | Northing | AMG Zone | Reference System | Description of location of discharge point | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description | Date added | Revision Added |
|-------|---------------------|---------|----------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|----------------------|------------|----------------|
| A1.16 | Active              | 315072  | 6258108  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.17 | Active              | 315083  | 6258114  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.18 | Active              | 315104  | 6258124  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.19 | Active              | 315132  | 6258153  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.20 | Active              | 315138  | 6258153  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.21 | Active              | 315168  | 6258170  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.22 | Active              | 315197  | 6258171  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.23 | Active              | 315215  | 6258175  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.24 | Active              | 315221  | 6258184  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.25 | Active              | 315228  | 6258200  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.26 | Active              | 315263  | 6258202  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.27 | Active              | 315264  | 6258193  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.28 | Active              | 315277  | 6258168  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.29 | Active              | 315321  | 6258077  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.30 | Active              | 315327  | 6258053  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.31 | Active              | 315335  | 6258035  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.32 | Active              | 315342  | 6258016  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.33 | Active              | 315350  | 6257997  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.34 | Active              | 315357  | 6257979  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.35 | Active              | 315364  | 6257960  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.36 | Active              | 315372  | 6257942  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.37 | Active              | 315379  | 6257923  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.38 | Active              | 315386  | 6257905  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.39 | Active              | 315397  | 6257888  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.40 | Active              | 315410  | 6257884  | 56       | MGA2020          | Existing Stormwater Pit on Albert St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.41 | Active              | 315406  | 6257870  | 56       | MGA2020          | Existing Stormwater Pit on Albert St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |

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|-------|---------------------|---------|----------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|----------------------|------------|----------------|
| A1.42 | Active              | 315413  | 6257843  | 56       | MGA2020          | Existing Stormwater Pit on Albert St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.43 | Active              | 315395  | 6257512  | 56       | MGA2020          | Existing Stormwater Pit on Grose St        | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.44 | Active              | 315384  | 6257505  | 56       | MGA2020          | Existing Stormwater Pit on Grose St        | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.45 | Active              | 315403  | 6257390  | 56       | MGA2020          | Existing Stormwater Pit on Ross St         | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.46 | Active              | 315330  | 6257144  | 56       | MGA2020          | Existing Stormwater Pit on Market St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.11 | Active              | 315019  | 6258079  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.12 | Active              | 315037  | 6258090  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.13 | Active              | 315027  | 6258097  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.14 | Active              | 315042  | 6258104  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.15 | Active              | 315034  | 6258108  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.16 | Active              | 315072  | 6258108  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.17 | Active              | 315083  | 6258114  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.18 | Active              | 315104  | 6258124  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.19 | Active              | 315132  | 6258153  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.20 | Active              | 315138  | 6258153  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.21 | Active              | 315168  | 6258170  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.22 | Active              | 315197  | 6258171  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.23 | Active              | 315215  | 6258175  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.24 | Active              | 315221  | 6258184  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.25 | Active              | 315228  | 6258200  | 56       | MGA2020          | Existing Stormwater Pit on Factory St      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.26 | Active              | 315263  | 6258202  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.27 | Active              | 315264  | 6258193  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.28 | Active              | 315277  | 6258168  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.29 | Active              | 315321  | 6258077  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.30 | Active              | 315327  | 6258053  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |
| A1.31 | Active              | 315335  | 6258035  | 56       | MGA2020          | Existing Stormwater Pit on Church St       | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                  | 15/10/2020 | Rev 11         |

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|-------|---------------------|---------|----------|----------|------------------|--|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|---------------------------|------------|----------------|
| A1.32 | Active              | 315342  | 6258016  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.33 | Active              | 315350  | 6257997  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.34 | Active              | 315357  | 6257979  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.35 | Active              | 315364  | 6257960  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.36 | Active              | 315372  | 6257942  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.37 | Active              | 315379  | 6257923  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.38 | Active              | 315386  | 6257905  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.39 | Active              | 315397  | 6257888  | 56       | MGA2020          | Existing Stormwater Pit on Church St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.40 | Active              | 315410  | 6257884  | 56       | MGA2020          | Existing Stormwater Pit on Albert St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.41 | Active              | 315406  | 6257870  | 56       | MGA2020          | Existing Stormwater Pit on Albert St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.42 | Active              | 315413  | 6257843  | 56       | MGA2020          | Existing Stormwater Pit on Albert St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.43 | Active              | 315395  | 6257512  | 56       | MGA2020          | Existing Stormwater Pit on Grose St                                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.44 | Active              | 315384  | 6257505  | 56       | MGA2020          | Existing Stormwater Pit on Grose St                                  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.45 | Active              | 315403  | 6257390  | 56       | MGA2020          | Existing Stormwater Pit on Ross St                                   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A1.46 | Active              | 315330  | 6257144  | 56       | MGA2020          | Existing Stormwater Pit on Market St                                 | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 15/10/2020 | Rev 11         |
| A3.26 | Active              | 316808  | 6256307  | 56       | MGA              | Discharge into Clay Cliff Creek                                      | Parramatta River | Clay Cliff Creek       | Yes                        | NA                                 | NA                          | Yes                | Discharge into Creek      | 4/11/2020  | Rev12          |
| A3.27 | Active              | 317484  | 6256104  | 56       | MGA              | Discharge into local stormwater system at Sandown Line, Camellia     | Parramatta River | Parramatta River       | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.28 | Active              | 317845  | 6256067  | 56       | MGA              | Discharge into local stormwater system at Sandown Line, Camellia     | Parramatta River | Parramatta River       | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.29 | Active              | 317282  | 6256596  | 56       | MGA              | Discharge into Parramatta River (South), Camellia                    | Parramatta River | Parramatta River       | Yes                        | NA                                 | NA                          | Yes                | Discharge into river      | 4/11/2020  | Rev12          |
| A3.30 | Active              | 317287  | 6256669  | 56       | MGA              | Discharge into Parramatta River (North), Camellia                    | Parramatta River | Parramatta River       | Yes                        | NA                                 | NA                          | Yes                | Discharge into river      | 4/11/2020  | Rev12          |
| A3.31 | Active              | 317524  | 6257074  | 56       | MGA              | Discharge into Vineyard Creek, Rydalmere                             | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into Creek      | 4/11/2020  | Rev12          |
| A3.32 | Active              | 317756  | 6257476  | 56       | MGA              | Discharge into local stormwater system at Dudley Street, Rydalmere   | Parramatta River | Subiaco Creek          | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.33 | Active              | 318098  | 6257959  | 56       | MGA              | Discharge into local stormwater system at Kissing Point Road, Dundas | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.34 | Active              | 318364  | 6258071  | 56       | MGA              | Discharge into local stormwater system at Leamington Road, Dundas    | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.35 | Active              | 318547  | 6258356  | 56       | MGA              | Discharge into local stormwater system at Adderton Road, Telopea     | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.36 | Active              | 318529  | 6258710  | 56       | MGA              | Discharge into local stormwater system at Adderton Road, Telopea     | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.37 | Active              | 318623  | 6258927  | 56       | MGA              | Discharge into local stormwater system at Robert Street, Telopea     | Parramatta River | Vineyard Creek         | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |



| ID    | Construction Status | Easting     | Northing    | AMG Zone | Reference System | Description of location of discharge point  | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description      | Date added | Revision Added |
|-------|---------------------|-------------|-------------|----------|------------------|---|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|---------------------------|------------|----------------|
| A3.38 | Active              | 319001      | 6259906     | 56       | MGA              | Discharge into local stormwater system at Brand Street, Carlingford                             | Parramatta River | The Ponds Creek        | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A3.39 | Active              | 319245      | 6260357     | 56       | MGA              | Discharge into local stormwater system at Boundary Road, Carlingford                            | Parramatta River | The Ponds Creek        | Yes                        | NA                                 | NA                          | Yes                | Discharge into stormwater | 4/11/2020  | Rev12          |
| A2.50 | Active              | 315355      | 6257129     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.51 | Active              | 315350      | 6257121     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.52 | Active              | 315338      | 6257092     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.53 | Active              | 315326      | 6257069     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.54 | Active              | 315348      | 6257004     | 56       | MGA              | Parramatta River  | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | Yes                | N/A                       | 4/01/2021  | Rev 13         |
| A2.55 | Active              | 315314      | 6257013     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.56 | Active              | 315306      | 6257004     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.57 | Active              | 315278      | 6256998     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.58 | Active              | 315291      | 6256993     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.59 | Active              | 315289      | 6256987     | 56       | MGA              | Existing Stormwater Pit on Church St  | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | N/A                       | 4/01/2021  | Rev 13         |
| A2.60 | Active              | 315041      | 6256574     | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.61 | Active              | 315051      | 6256571     | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.62 | Active              | 315059      | 6256577     | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.63 | Active              | 315061.9044 | 6256586.691 | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.64 | Active              | 315057.5388 | 6256595.29  | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.65 | Active              | 315047.0877 | 6256597.275 | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.66 | Active              | 315040.3408 | 6256591.851 | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.67 | Active              | 314862.1436 | 6256618.177 | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.68 | Active              | 314858.3072 | 6256623.733 | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.69 | Active              | 314850.1051 | 6256625.85  | 56       | MGA              | Discharge into local stormwater system on Macquarie Street                                      | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 4/02/2021  | Rev 14         |
| A2.70 | Active              | 315970.6415 | 6256510.013 | 56       | MGA              | Discharge into local stormwater system on George Street   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 22/03/2021 | Rev 15         |
| A2.71 | Active              | 316030.7847 | 6256513.387 | 56       | MGA              | Discharge into local stormwater system at Queens Wharf Reserve (off Harris/George Intersection) | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 22/03/2021 | Rev 15         |
| A2.72 | Active              | 315966.1865 | 6256367.656 | 56       | MGA              | New drainage pit. Macquarie St at Harris St   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |
| A2.73 | Active              | 315976.7699 | 6256373.03  | 56       | MGA              | New drainage pit. Harris St at Macquarie St   | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |

| ID    | Construction Status | Easting     | Northing    | AMG Zone | Reference System | Description of location of discharge point            | Catchment name   | Name of nearest waters | Direct discharge to waters | Total catchment area of basin (ha) | Basin size (operational) m3 | Blue Book Criteria | Location description      | Date added | Revision Added |
|-------|---------------------|-------------|-------------|----------|------------------|---|------------------|------------------------|----------------------------|------------------------------------|-----------------------------|--------------------|---------------------------|------------|----------------|
| A2.74 | Active              | 315981.1686 | 6256390.046 | 56       | MGA              | New drainage pit. South of Albion Driveway (Southern) | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |
| A2.75 | Active              | 315984.8066 | 6256405.789 | 56       | MGA              | New drainage pit. North of Albion Driveway (Southern) | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |
| A2.76 | Active              | 315997.639  | 6256460.426 | 56       | MGA              | New drainage pit. Albion Hotel                        | Parramatta River | Parramatta River       | No                         | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |
| A2.77 | Active              | 316012.8525 | 6256539.536 | 56       | MGA              | New drainage outlet/headwall - Parramatta River       | Parramatta River | Parramatta River       | Yes                        | N/A                                | N/A                         | N/A                | Discharge into stormwater | 7/06/2021  | Rev 16         |



Table A-3-2 Discharge Water Quality

| Discharge monitoring Point ID | Type of Monitoring Point | Type of Discharge Point | Date | Discharge Permit # | Oil and Grease (Not visible) | pH (6.5 - 8.5) | Turbidity (NTU) | Comments |
|-------------------------------|--------------------------|-------------------------|------|--------------------|------------------------------|----------------|-----------------|----------|
| -                             | -                        | -                       | -    | -                  | -                            | -              | -               | -        |