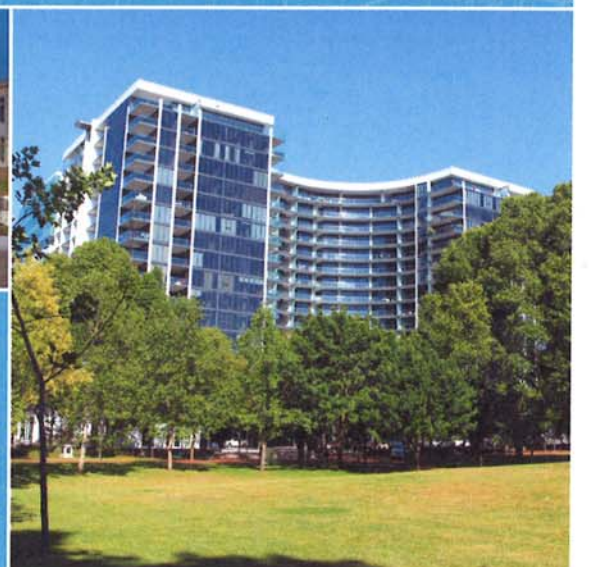




SELICK CONSULTANTS PTY LTD TRAFFIC IMPACT & PARKING REPORT



Job Title: ANU New Hall of Residence
 Job Location: Australian National University
 Client: IPSG
 Reference #: 150280



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1.0 INTRODUCTION

An existing block at the corner of Dickson Rd / Clunies Ross Street within the ANU precinct (here within also known as the 'Site') is the proposed site for development. This report details the existing and proposed traffic and parking conditions in relation to the proposed development of the Site to accommodate 500 student accommodation units. It further concludes compliances of the proposed development with regards to traffic and parking, and provides a recommendation for the proposed development based on the conclusions.



Figure 1: Existing Site

2.0 EXISTING SITE / DEVELOPMENT

2.1 Overview

The Site in its current state comprises various single storey commercial buildings used by the university for various purposes. The Site is on the north eastern corner of the intersection of Clunies Ross St and Dickson Rd, and has access via the Dickson Rd.

The access from Dickson Rd is via a concrete driveway, which is used by light weight and commercial vehicles. Dickson Rd is accessed from Clunies Ross St to the west and from Daley Rd to the east. Both Daley Rd & Clunies Ross St are direct links to the major road network, both within the ANU & Surrounding suburbs.



2.2 Existing Traffic Conditions

Based on observations of the existing use of the Site traffic generation for Dickson Rd is as follows:

- Approximately 500 VPD;
- AM peak trips = Approximately 40 trips; and
- PM peak trips = Approximately 25 trips.

Clunies Ross St has the following traffic rates as recorded in 2012 by the ACT Government:

STATION NUMBER	ROAD	DIRECTION OF TRAVEL (TOWARDS)	SUBURB	CORDON NAME	COUNT DATE	WEEKDAY AVERAGE (VPD)	WEEKEND AVERAGE (VPD)	WEEKLY AVERAGE (VPD)	AM PEAK (VPH)	PM PEAK (VPH)
03 513	CLUNIES ROSS STREET	JULIUS RD DICKSON RD	ACTON ACTON	CANBERRA CANBERRA	17-02-11 17-02-11	4950 5750	2450 2800	4250 4950	550 1000	800 600

Based on observations of Clunies Ross St the majority of the traffic is during peak times (2950 VPD – 32%) which demonstrates an under utilised street during the remaining portion of the day. The traffic data above shows that the traffic reduces by over 50% during the weekend period, however it should be noted that the traffic spread is much more even compared to the weekday traffic volumes.

Dickson Rd forms an access road for the ANU and is used by students and staff to access the western end of the ANU campus. Traffic observations show that traffic occurs in the AM, Lunchtime and PM peaks which would correlate with arriving and departing students. The traffic volumes of a weekend are negligible.

2.3 Existing Parking Assessment

The existing site has existing commercial buildings located within its bounds. However these buildings only contribute to a small amount of parking that occurs on the proposed site. The Site has no existing formal parking provisions. Adjacent to the Site, on Dickson Rd there is a layby that is currently sign posted for set down and pickup (shown in Figure 2 below).



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Figure 2: Existing Set Down / Pick up Bay

Whilst the existing site has no formalised parking it is used currently by a number of facilities services staff and contractors. It should be noted that these facilities will be relocated to alternative locations within the ANU campus and appropriate provision have been made by others to accommodate these uses.

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3.0 PROPOSED DEVELOPMENT / SITE

3.1 Overview

The Site will provide 500 accommodation units for students attending the ANU. The proposed building comprises 6 storeys containing facilities as well as accommodation. The Site itself will provide minimal parking and services to generate traffic, however it is to be associated with the Dickson Precinct Parking Station to adequately provide parking facilities.

The Site will be accessed by vehicles from a newly constructed driveway in the same location as the existing driveway. This point of access will be for disabled parking, visitor parking, waste collection and building facilities maintenance vehicles and has been designed to suitably accommodate these vehicles.

Based on the utilisation of existing infrastructure and the configuration of the development the proposed traffic generation is negligible as traffic generation is less than 1% of the existing traffic volumes.

3.2 Traffic Generation & Traffic Impact

With the proposed development being comprised of 100% university residential accommodation with associated offsite parking facilities the traffic generated by the Site is only associated with disabled parking, visitors and facilities management. Based on the on site parking provisions of 8 spaces and a nominal allowance for site vehicles the associated additional traffic generated on Dickson Rd is 20VPD.

The parking provisions associated with the Site, are long term parking and would not generate any additional traffic to Dickson Rd or Clunies Ross St and the campus as it would be expected to leave the vehicle in the parking station during attendance and only utilise their vehicles at non peak times.

It is also noted that the road infrastructure has been assessed as part of the Cardno – Parking and Transport Study 2009 to be adequate for the full utilisation of the Dickson Precinct parking station for which this development will exceed.

As a result of the negligible traffic generation of the site, it is determined that the development will have no traffic impact on the adjacent road network and infrastructure.

3.3 Parking Assessment

The Site comprises a 500 bed student accommodation building. The parking provisions have been discussed with ANU based on past experience and current experience. The adoption of 1 space per 10 units has been determined as an adequate level of services. Based on this user defined level of services, 50 parking spaces are to be provided.

The Site is to utilise the existing Dickson precinct parking station which can accommodate 482 vehicles. The parking station is currently utilised by other facilities and buildings on the ANU campus however its current utilisation is only at 33% (demonstrated with parking



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counts attached in APPENDIX B). It is noted however that the parking station has leased 53% of the spaces, it appears as though all of these are not being used.

The occupation of Dickson Precinct Parking Station by the Site's required 50 spaces will increase the utilisation of the parking station by 10% to a total of 63%.

It is proposed to provide 3 disabled parking spaces within the Site adjacent to the services core, which will enable complaint access to the building and facilities. It is also proposed to provide 5 visitor parking spaces on the Site to allow for short term visitor parking (i.e. maximum 2hr parking, to be sign posted).



Figure 3: Dickson Precinct Parking Station

4.0 CONCLUSION

Based on the information and statements contained above we concluded the following in regards to traffic and parking:

- As a result of the low traffic generation and the ability of existing infrastructure to accommodate the proposed parking requirements we conclude there is zero additional traffic generation than that which has already been provided for within the road network. This provision also results in no impacts on the surrounding road network as a result of the use and nature of the traffic being generated.
- The proposed Site's parking requirements in regards to the provision and types of parking have been adequately provisioned for by the use of Dickson Precinct Parking Station and the additional parking provision for disable and visitors on site.

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5.0 RECOMMENDATIONS

We hereby recommend that the development be approved as document and in accordance with the information contained in the above document.

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APPENDIX A – Architectural Drawings

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APPENDIX B – ANU Car Parking Information

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LEGEND

- Proposed trees
- Existing trees
- Proposed hedge
- Mass planting
- Detailed paving
- Grassed area
- Concrete paving
- Ephemeral island
- Stepping stones in lawn
- Composite boardwalk
- Stone face retaining wall
- Bollards



11 June 2015

CAR PARKING – Dickson Precinct Parking Station

The ANU has a multistorey car parking station on College Ave in the Dickson Precinct on the University's Acton Campus. The parking station has access from both College Ave and Clunies Ross Street.

The capacity of the parking station is 482 spaces. As at 30 April 2015 there were 257 spaces or 53.3% sold leaving 225 vacant spaces.

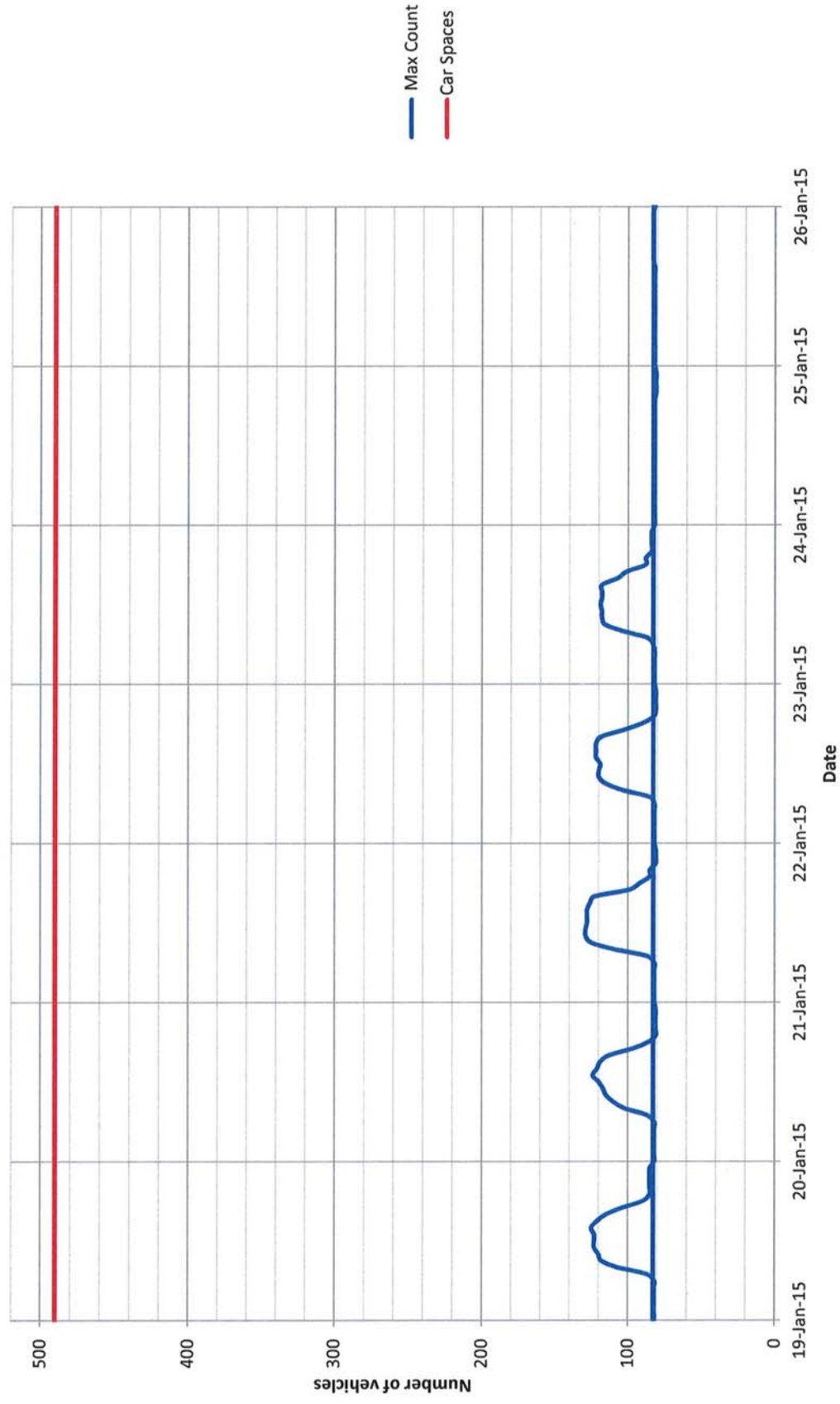
Attached are the usage reports depicting a week in previous months (Jan, Feb, March & May) of 2015. April data is unavailable as the counting system was out of order.

Yours sincerely

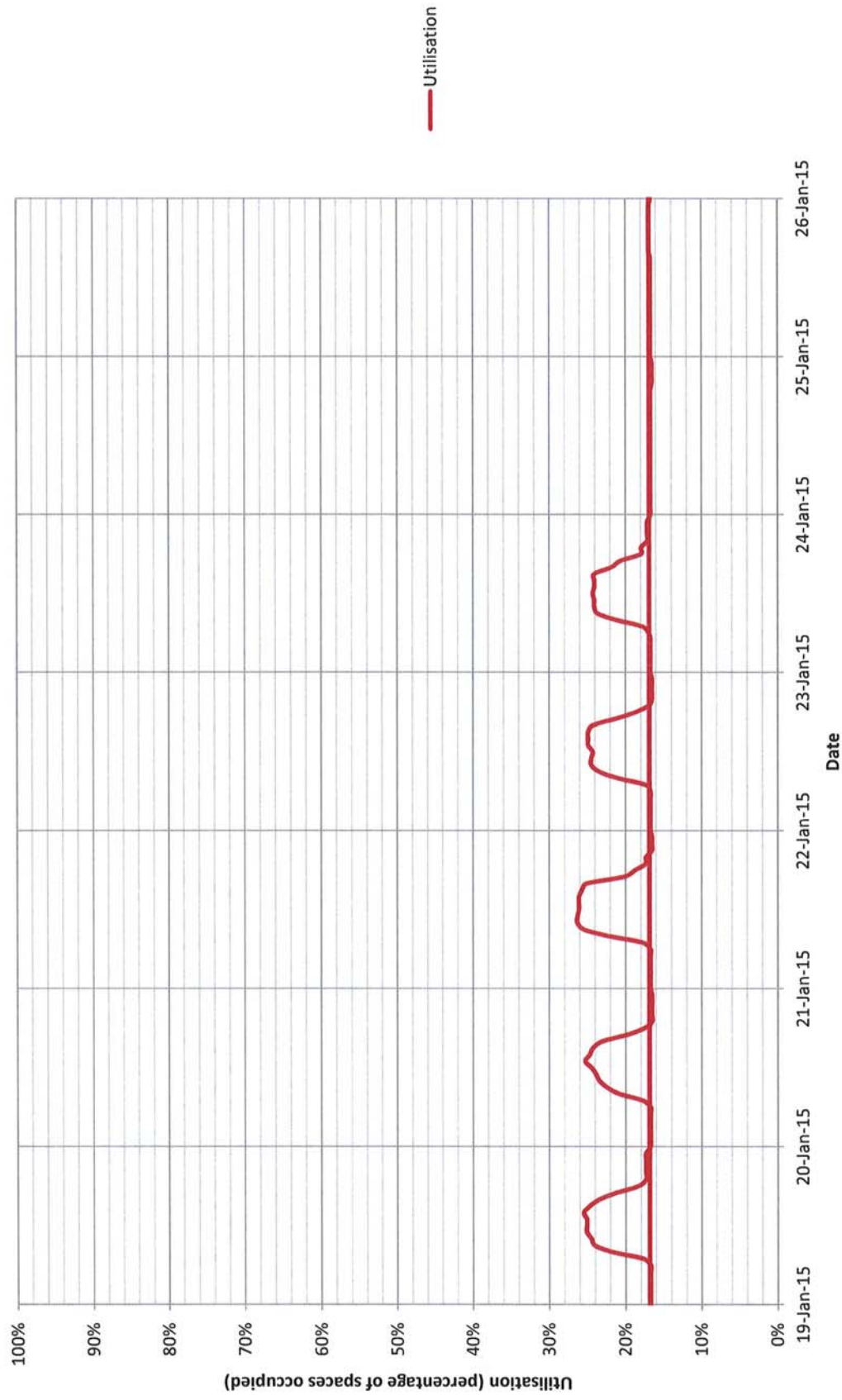


Christine Allard
Director
Facilities and Services Division

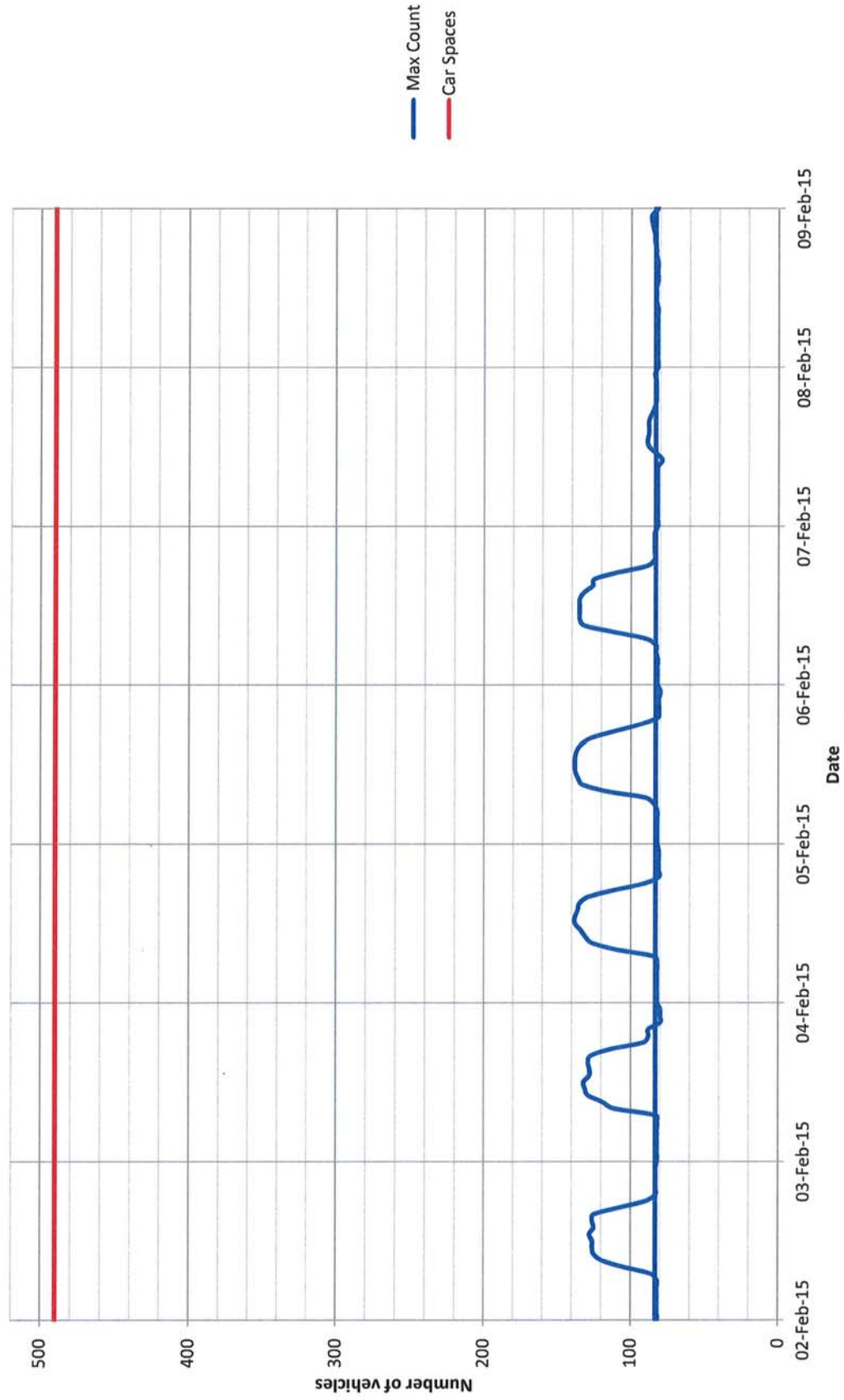
Dickson - Car Count Occupancy (19-25 Jan 2015)



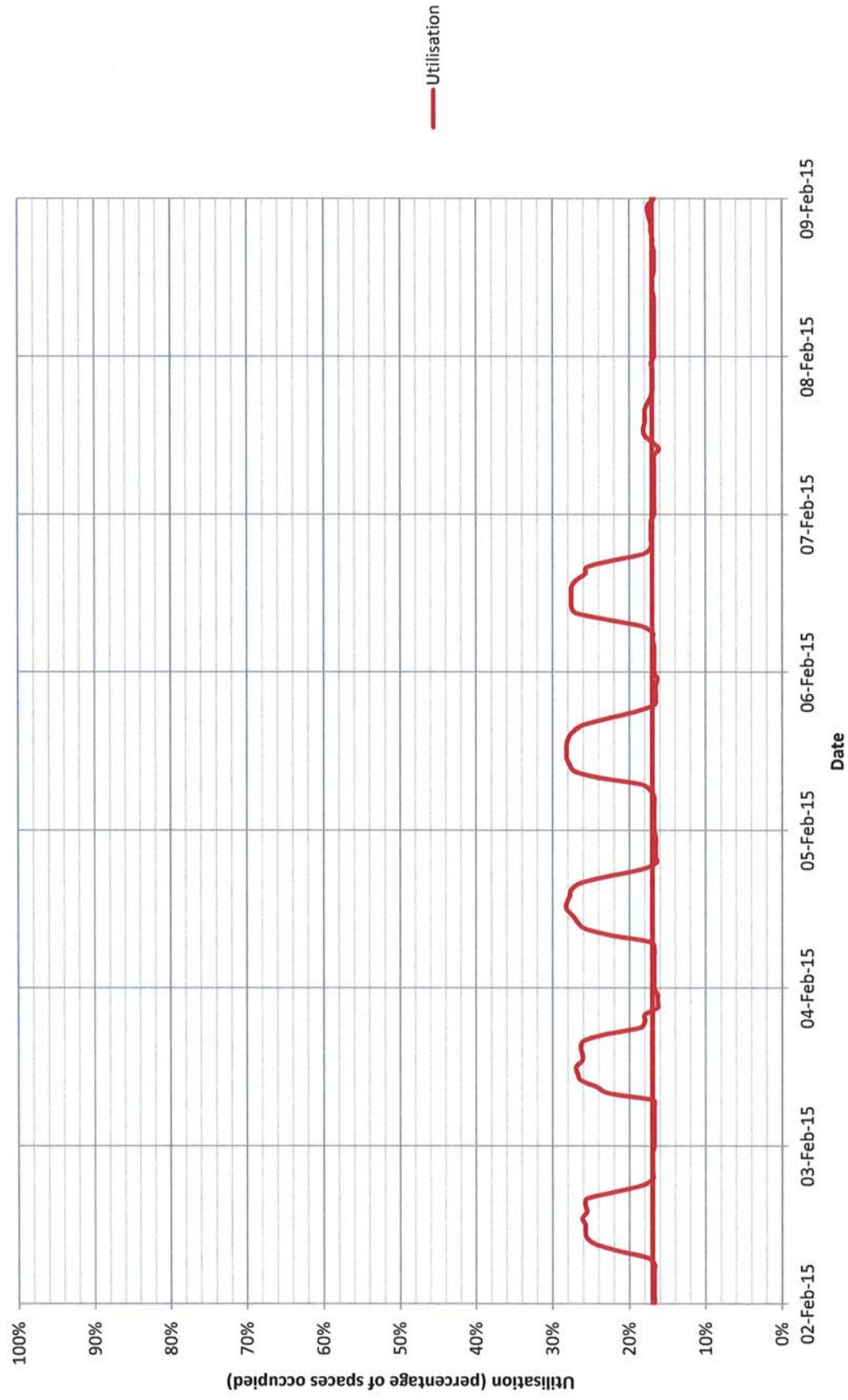
Dickson - Utilisation (19 - 25 Jan 2015)



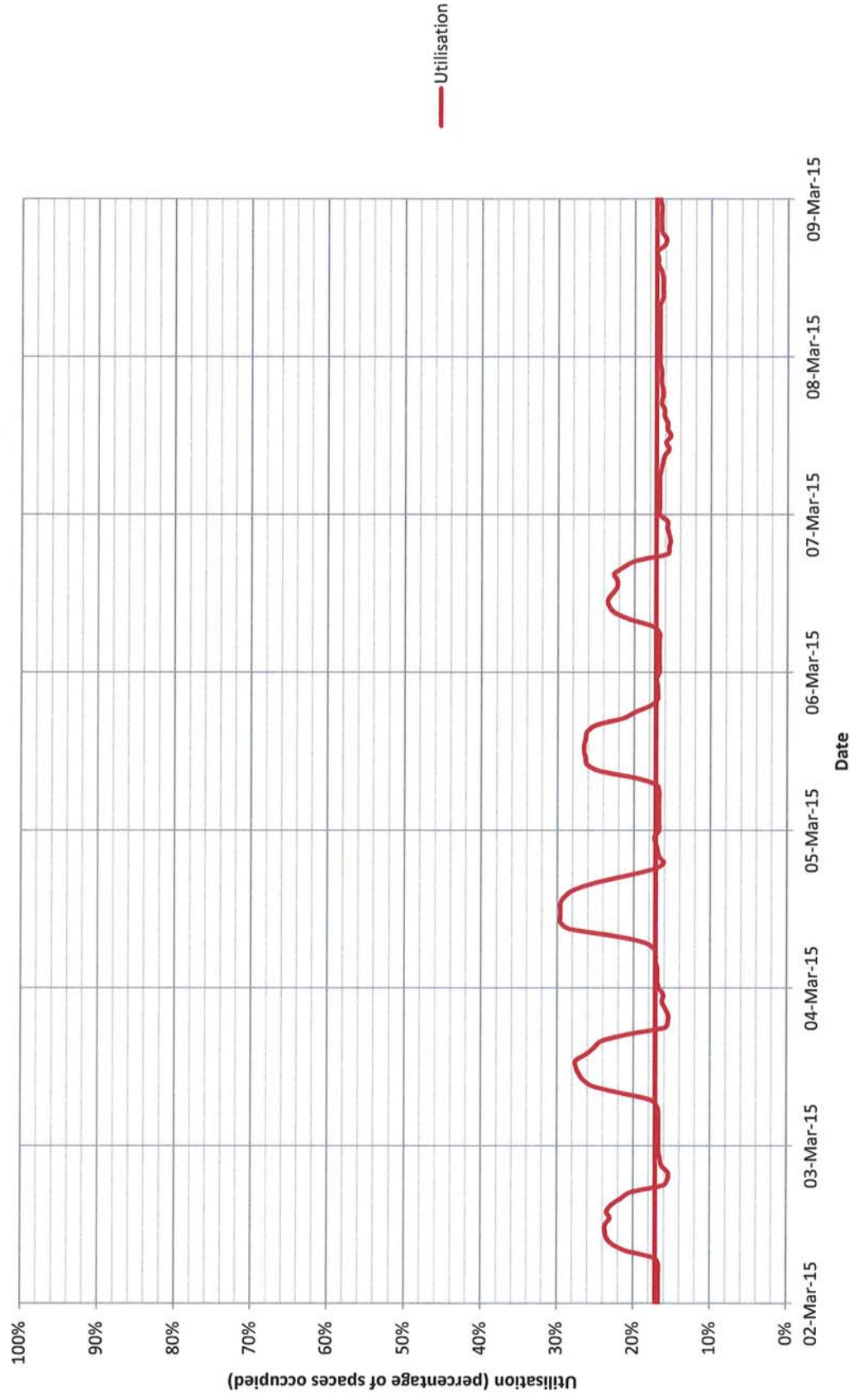
Dickson - Car Count Occupancy (02-08 Feb 2015)



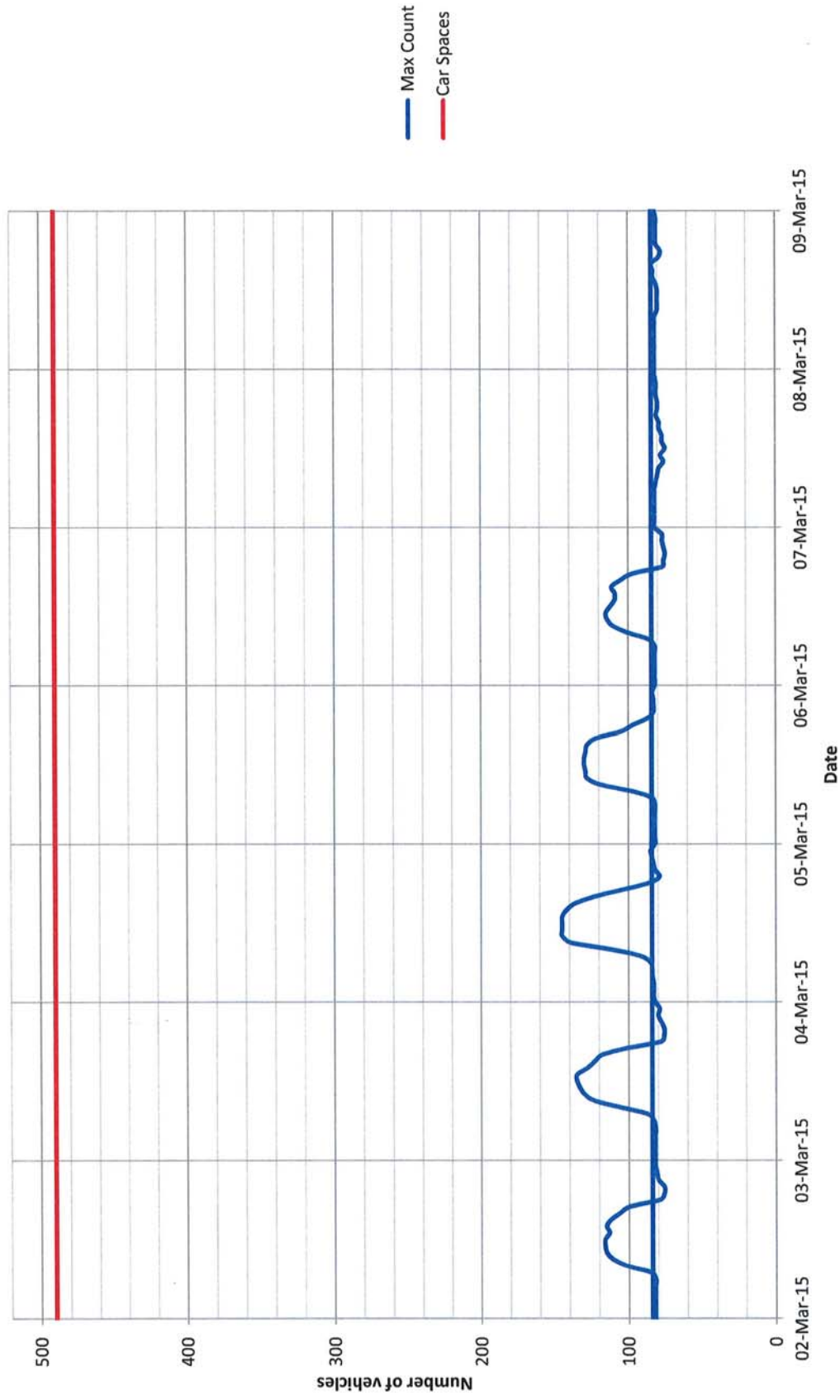
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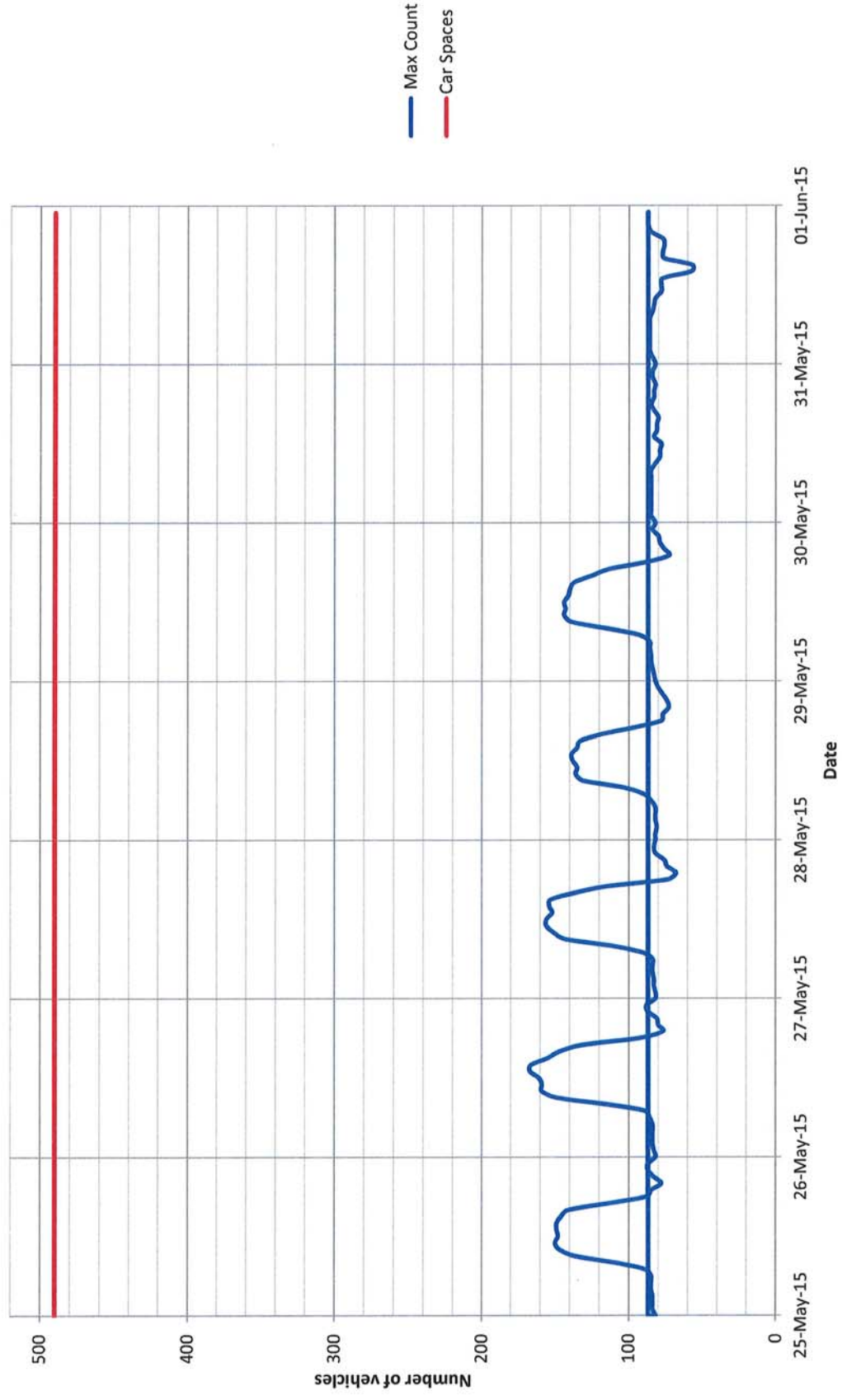
Dickson - Utilisation (02-08 Mar 2015)



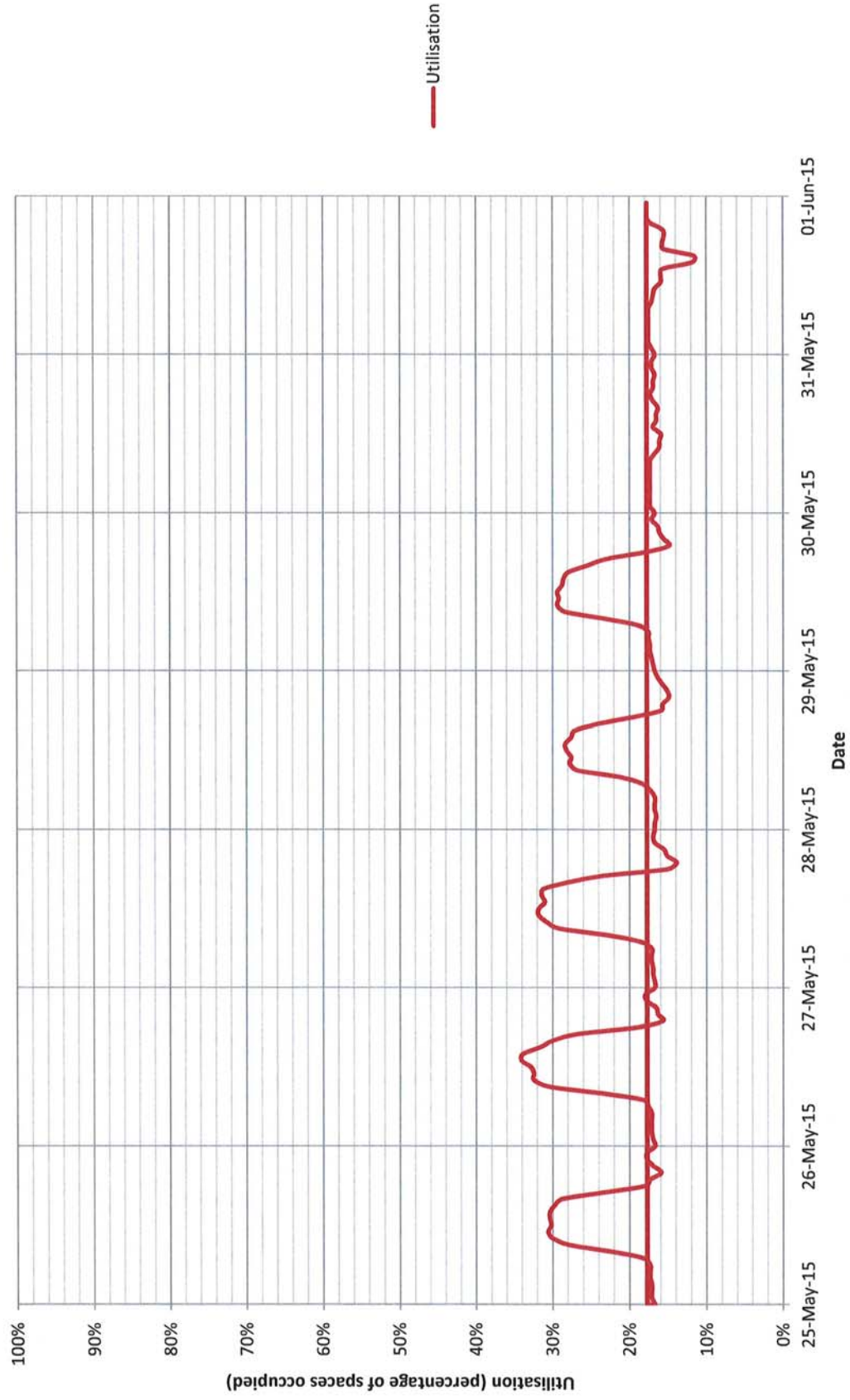
Dickson - Car Count Occupancy (02-08 Mar 2015)



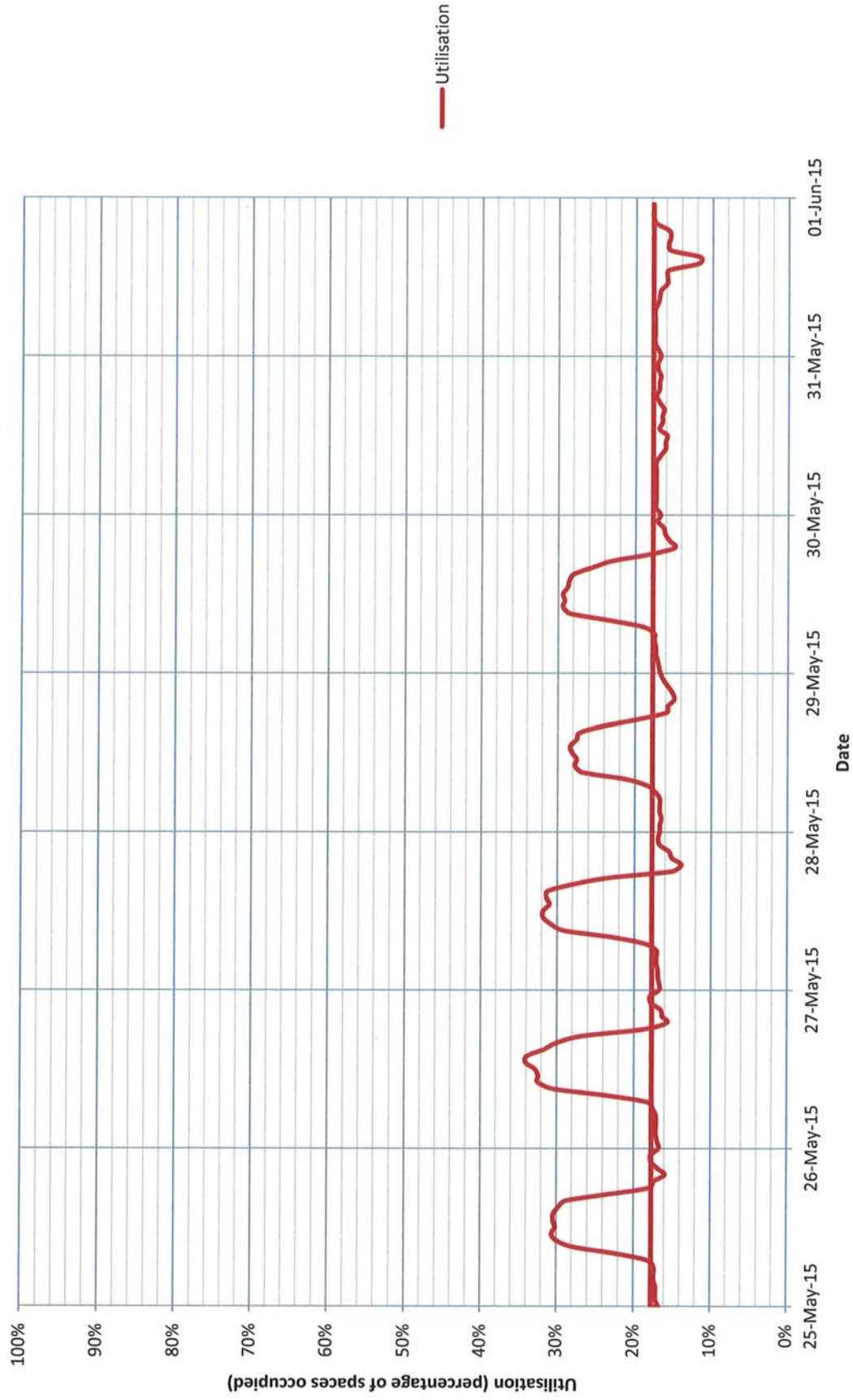
Dickson - Car Count Occupancy (25-31 May 2015)



Dickson - Utilisation (25-31 May 2015)



Dickson - Utilisation (25-31 May 2015)



Dickson - Car Count Occupancy (25-31 May 2015)

