

Preliminary Waste Management Plan

Proposed Service Station – Kings Forest – Precinct 1
Lot 7 DP875447 – Tweed Coast Road, Kings Forest



Prepared by

PLANIT CONSULTING PTY LTD

Prepared for

Project 28 Pty Ltd

December 2014

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S75W Modification – MP06_0318 & MP08_0194
Service Station – Kings Forest – Precinct 1
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Review and Amendments Schedule – PLANIT CONSULTING PTY LTD

Date		
Author	LN	December 2014
Reviewer	LN	December 2014

Amendments

The content of this report was prepared for the exclusive use of the proponent to accompany a request to modify Concept Plan Approval MP06_0318 and Project Approval MP08_0194 to facilitate a proposed service station with Kings Forest Precinct 1 and is not to be used for any other purpose or by any other person or corporation.

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1 - Introduction

1.1 Subject Property and Proposed Development Description

Planit Consulting Pty Ltd has been commissioned by Project 28 Pty Ltd to prepare a Preliminary Waste Management Plan relating to the proposed Service Station within Precinct 1 of Kings Forest, Tweed Coast Road, Kings Forest. This report addresses the operation elements of Section A15 of the Tweed Development Control Plan 2008.

1.2 Construction Waste

The type of waste generated on site is that commonly associated with construction works. Current consent conditions are in place under MP08_0194 to address construction activities including construction waste management. These are to be maintained as part of the proposal.

2 – Waste Management

The proposal is to be serviced by four (4) 3m³ bulk waste bins and two (2) 2 m³ bulk recycling bins. The bins are to be located within screen bin enclosures located behind the Service Station building and as such will be screened from direct view from Tweed Coast Road.

The proposal has been designed with a degree of flexibility to ensure efficient onsite waste management. With reference to Councils Section A15 – Waste Minimisation and Management the following comments are provided:

2.1 Waste Storage

The following storage volumes have been adopted from the Section A15 refuse and recycling volumes. It is noted the refuse and recycling storage rates are based on a twice weekly collection.

Waste		
Generation Rate Prescribed	Service Frequency	Storage Volume Required
Restaurant = 10L / 1.5m ² floor area / day	twice weekly	397.5m ² /1.5m ² X 10L X 3.5 days = 9275L = 9.275m ³
Shop = 50L/100m ² floor area/ day	twice weekly	273m ² /100m ² X 50L X 3.5 days = 477.75L = 0.47775m ³

Total Volume: 9.75275m³ = 4 X 3m³ bins

Recycling		
Generation Rate Prescribed	Service Frequency	Storage Volume Required
Restaurant = 2L / 1.5m ² floor area / day	twice weekly	397.5m ² /1.5m ² X 2L X 3.5 days = 1855L = 1.855m ³
Shop = 50L/100m ² floor area/ day	twice weekly	273m ² /100m ² X 50L X 3.5 days = 477.75L = 0.47775m ³

Total Volume: 2.33275m³ = 2 X 2m³ bins

2.2 Collection Point

The proposed bins will be serviced onsite. The site has adequate area for the manoeuvring of an AV and HRV allowing it to enter and exit in a forward direction. A solo waste truck can enter and exit the site.

2.3 Contractor Access

The proposed bins will be serviced onsite. The site has adequate area for the manoeuvring of an AV and HRV allowing it to enter and exit in a forward direction. A solo waste truck can enter and exit the site.



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3 – Conclusion

Having regard to the above considerations, it is submitted that the proposal provides an appropriate waste management strategy and is compliant with the requirements of Section A15 of the Tweed Development Control Plan 2008. Councils support for the proposed development is respectfully requested.

Planit Consulting Pty Ltd
December 2014