

## WASTE MANAGEMENT PLAN

133-145 LENORE DRIVE ERSKINE PARK

LOT 62 DP 1090695



PREPARED FOR THE DEPARTMENT OF PLANNING NOV 2012

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## Site Details

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**Proposed Development:** Warehouse and Distribution Facilities

**Site Address:** 133-145 Lenore Drive Erskine Park Lot 62 DP 1090695

**Applicant's Name and Address:** Logos Property Group Pty Ltd

**Telephone:** 02 9119 6088

**Facsimile:** 02 9231 6128

**Building and other structures currently on site:** Site is currently vacant.

**Brief description of proposal:** Logos is proposing to develop the subject site for warehouse and distribution facilities.

The area of the warehouse 1 and 2 is:

### Warehouse 1

Warehouse: 3,095m<sup>2</sup>

Office: 560m<sup>2</sup>

### Warehouse 2

Warehouse: 41,000m<sup>2</sup>

Battery Charge: 803m<sup>2</sup>

Dangerous Goods: 1,920m<sup>2</sup>

Office: 977m<sup>2</sup>

Future Mezzanine: 5,000m<sup>2</sup>

Warehouse 1 is situated at the front of the site on the southern portion of the site. This smaller building is proposed to be used as cross-dock warehouse and distribution facility for the receipt, dispatch, storage and distribution of goods.

Warehouse 2 is proposed to be used as a warehouse and distribution facility for Super Retail Group as their regional distribution centre for NSW.

**How will waste be separated and/or stored onsite for reuse and recycling?**

The Principal Contractor will be required to commission an appropriate waste management company which will recycle and re-use as much material as possible.

**How will site operations be managed to ensure minimal waste creation and maximum reuse and recycling?**

The project manager and site manager will work together to minimise waste and maximise reuse of waste materials. This process will involve the site manager informing contractors the location of recycle bins and separate waste when disposing.

**Construction Phase for Whole Complex**

MATERIALS ON SITE			DESTINATION		
			REUSE AND RECYCLING		DISPOSAL
TYPES OF MATERIALS	Vol. (m³)	Wt. (t)	ONSITE Specify proposed reused or on-site recycling methods	OFF-SITE Specify contractor and landfill site	Specify contractor and landfill site
Concrete		47.0t		Skip bin company to crush concrete and re-use for road works.	Skip bin company to crush concrete and dispose remainder concrete.
Gyprock		2.0t			To be sent to local landfill.
Excavated Materials	100m³	4.5t	To be re-used where possible e.g. backfilling trenches.		
Metal		7.5t		Sent to local scrap metal recycler.	Sent to local scrap metal recycler.
Other				Sent to local landfill site which the material will be separated and recycled.	Remainder to be sent to local landfill.

## On-going Management of Waste for Warehouse 1

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TYPES OF WASTE GENERATED	EXPECTED VOLUME PER WEEK	PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
Cardboard	80m <sup>3</sup> approx.	Place in Hook lift bins.	Visy*
Offices Recyclables	750L approx.	Place in separate recyclables bins for pick up by general waste contractor.	Visy* or Sita*
General Waste	2,000L approx.	Generally placed in general office bins before being moved daily to large external waste bin.	Sita*
Toner Cartridges and Containers	2L approx.	Placed in separate designated Toner recyclable bins for pick up by toner waste contractor.	Sita*

\*These destinations will be recommended to the tenants.

## On-going Management of Waste for Warehouse 2

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TYPES OF WASTE GENERATED	EXPECTED VOLUME PER WEEK	PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
Cardboard	360m <sup>3</sup> approx.	Place in Hook lift bins.	Visy*
Offices Recyclables	4500L approx.	Place in separate recyclables bins for pick up by general waste contractor.	Visy* or Sita*
General Waste	6,000L approx.	Generally placed in general office bins before being moved daily to large external waste bin.	Sita*
Toner Cartridges and Containers	9L approx.	Placed in separate designated Toner recyclable bins for pick up by toner waste contractor.	Sita*

\*These destinations will be recommended to the tenants.

**Describe how you intend to ensure ongoing management of waste on-site?**

The tenants for both warehouses will be required to follow a waste management plan which will therefore control on-going management of waste and increase recycling. The waste management plan incorporates the following day to day tasks that the tenants are encouraged to carry out:

- Reduce the amount of paper usage each day.
- Using scrap paper for notes.
- Setting printers to only print double sided.
- Only print emails or documents when absolutely necessary.
- Make sure to have access to paper, cardboard and commingled recycling services.
- Place all used paper, used on both sides in the office paper recycling floor box or desk tray.
- Collect cardboard boxes for recycling and place into recycling bin.
- Place plastic bottles, aluminium cans, tin cans, milk and juice cartons in the recycling office commingled bin.

## Bin Types Used During Construction

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### Skip Bins

- 2m<sup>3</sup> – 6m<sup>3</sup>

Small volumes of bulk waste placed around the construction site and collected by waste contractor for disposal.



### Bulk Bins

- 6m<sup>3</sup> – 15m<sup>3</sup>

Used for single waste types, e.g. only scrap metal or timber. The Bulk Bin will then be collected by recycle waste contractor for disposal.





### Hook Lift Bins

- 6m<sup>3</sup> – 15m<sup>3</sup>
- Large volumes of waste.
- Used for waste from smaller skip bins.



### Bin Types Used During On-going Use

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#### Desk Trays

Desk trays are small cardboard bins that can be placed on desks or on the floor next to general waste rubbish bin for the collection of office paper. Contents are emptied into floor boxes or into 240-litre bins.



### **All Paper 240-litre Bins**

'All Paper' 240-litre bins (or 'Wheelie bins') are used to recycle all types of paper and cardboard. Floor boxes and desk trays can be emptied into wheelie bins, or recyclables can be placed directly into the bin. An on-call or regular collection service is available.



### **Security Destruction Service**

'Security Destruction' 240-litre containers provide a specialised service for sensitive documents. Once full, the containers' contents are taken away for shredding and recycling. An on-call or regular collection service is available.



## Printer Cartridge Collection and Recycling

Printer cartridge will be collected by a free service. The following items that can be collected is the following:

- Inkjet and laser cartridges
- Toner bottles
- Drum kits
- Fuser kits
- Fax, photocopier or printer cartridges



## Compactor Bin (Warehouse 2)

Compactor bins are 30m<sup>3</sup> in size and are used at high volume sites. Cardboard and paper is compacted once placed inside the hopper, which can hold up to 4 tonnes of compacted cardboard. An on-call or regular collection service is available (a similar compactor unit will be utilised for general waste).



## **Plastic Baler**

Plastic baler will easily compact plastics (PET & LDPE) and polystyrene (EPS), are used at high volume sites. Baler can hold up to 4 tonnes of compacted plastic. An on-call or regular collection service is available.

