# Waste Management Plan

PROPOSED PRINTING, WAREHOUSE AND DISTRIBUTION FACILITIES
133-145 LENORE DRIVE ERSKINE PARK
LOT 62 DP 1030635


PREPARED FOR DEPARTMENT OF PLANNING JULY 2009

PacLib Group Pty Ltd

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## Site Details

**Proposed Development**: Printing, Warehouse and Distribution Facilities

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

**Applicant's Name and Address:** PacLib Group, Level 4, 67 Epping Rd North Ryde.

**Telephone:** 9490 2223

**Facsimile:** 9490 2323

**Mobile:** 0401 448 241

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

**Brief description of proposal:** PacLib Group is proposing to develop the subject site for printing, warehouse and distribution facilities.

The printing, warehouse and distribution facilities comprise of two separate warehouse buildings, respectively 3,835m$^2$ and 55,621m$^2$ in size. The larger building is situated centrally on the site, and will be split into two separate warehouse units, known as Warehouse 2 and Warehouse 3. Warehouse 1 is a free-standing facility.

Warehouse 2 is proposed to be used as a printing, warehouse and distribution facility for PBL Media for the publishing and distribution of magazines. The residual warehouse unit (Warehouse 3) is proposed to be used either as additional storage for PBL Media or to accommodate an unspecified warehouse and distribution user.

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

Each of the warehouse facilities will accommodate ancillary office space.

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**Signature of Applicant:**. . . . . .

**Date:** ...../...../.....

**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 ($m^3$) | Wt. (t) | ONSITE Specify proposed reuse or on-site recycling methods | OFF-SITE Specify contractor and landfill site | Specify contractor and landfill site |
| Concrete | | 47t | | 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 Material | 100m3 | | To be re used were possible eg backfill trenches. | | |
| Metal | | 4.5t | | Sent to local scrap metal recycler. | Sent to local scrap metal recycler. |
| Other | | 7.5t | | 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

| TYPES OF WASTE GENERATED | EXPECTED VOLUME PER WEEK | PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES | DESTINATION |
|---|---|---|---|
| Cardboard | 80m3 approx | Placed in Hook lift bins. | Visy* |
| Offices Recyclables | 750L approx | Placed in separate recyclables bins for pick up by general waste contractor. | Visy* or Sita* |
| General Waste | 2000L 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 – (Figures received from client)

| TYPES OF WASTE GENERATED | TONNES EXPECTED PER WEEK | LANDFILL DISPOSAL | RECYCLED | PROCESSED | DESTINATION |
|---|---|---|---|---|---|
| Waste paper | 269.23 | | ✓ | | Asian Paper Mills |
| Paper cores | 38.46 | | ✓ | | Asian Paper Mills |
| Cardboard & wrapper | 9.62 | | ✓ | | Asian Paper Mills |
| Document destruction | 0.05 | | ✓ | | Asian Paper Mills |
| Aluminium plates | 2.19 | | ✓ | | Asian Aluminum Smelter |
| Harvest – recycling | 0.50 | | ✓ | | TPI - Moorebank |
| General waste | 0.90 | ✓ | | | TPI - Landfill (Eviroguard) |
| Wood (pallets) | 2.88 | ✓ | ✓ | | Recycler/Landfill (Various) |
| Green waste | 0.04 | | ✓ | | ANL Landscape Mulch |
| Organics | 0.06 | | ✓ | ✓ | Earthpower- Camelia |
| Co-mingled | 0.09 | | ✓ | | Recycler - Botany |
| Grease trap litres | 153.85 L | | ✓ | ✓ | TPI - Padstow |
| Ink | 0.02 | | ✓ | | Return to Supplier |
| Solvents litres | 2307.69 L | | ✓ | ✓ | *TPI - Glendenning* |
| Blanket wash litres | 19.62 L | | ✓ | ✓ | *TPI - Glendenning* |

## On-going Management of Waste for Warehouse 3

| TYPES OF WASTE GENERATED | EXPECTED VOLUME PER WEEK | PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES | DESTINATION |
|---|---|---|---|
| Cardboard | 120m3 approx | Placed in Hook lift bins. | Visy* |
| Offices Recyclables | 1500L approx | Placed in separate recyclables bins for pick up by general waste contractor. | Visy* or Sita* |
| General Waste | 2000L approx | Generally placed in general office bins before being moved daily to large external waste bin. | Sita* |
| Toner Cartridges and Containers | 3L 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 all 3 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

**Skip Bins:**

- 2m3 – 6m3

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

**Bulk Bins:**

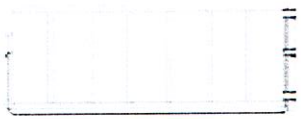
- 6m3 – 15m3



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

**Hook lift Bins:**

- 12m3 – 31m3
- Large Volumes of Waste
- Used for waste from smaller skip bins.



**Bin Types Used during On-going Use**

**Desk Trays:**

Desk trays are small cardboard bins that can be placed on desks or the floor next to general waste rubbish bins 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.

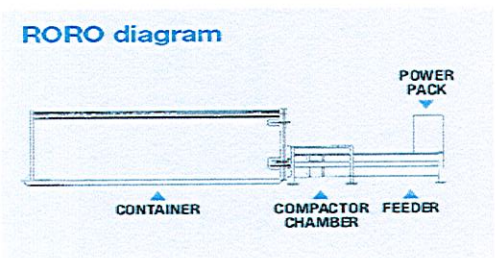
### Printer Cartridge Collection and Recycling


Printer cartridges 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 30m3 in size and are used at high volume sites. Cardboard and paper is compacted once placed inside the hopper, which can hold up to four tonnes of compacted cardboard. An on-call or regular collection service is available.

**Paper trim & Dust Collector (Warehouse 2)**

The dust and paper collector consists of a blower, dust filter, a filter-cleaning system, and a dust receptacle or dust and paper removal system (distinguished from air cleaners which utilize disposable filters to remove the dust).