4 Bellara Avenue, North Narrabeen
WASTE MANAGEMENT PLAN

DEMOLITION OF EXISTING PREMISES

Completing this table will assist in identifying the type of waste that will be generated and in advising Council how you intend to reuse, recycle or dispose of the waste.

The information provided on the form (and on your plans) will be assessed against the objectives of the DCP.

Outline of Proposal

Site Address: Lot 26 DP 236548
4 Bellara Avenue, North Narrabeen

Applicant's name: Sydney Water

Phone :

Fax :

Buildings and other structures currently on the site: None

Brief Description of Proposal: Limited tree remove, erection of two storey, split level single dwelling

The details provided on this form are to demonstrate intentions in terms of managing waste relating to this project.

Signature of Applicant: _____

Date: _____

SECTION ONE – DEMOLITION

This is the stage with the greatest potential for waste minimisation, particularly in Sydney where there are high levels of development, relatively high tipping charges and where alternative quarry materials are located on the outskirts.

Applicants should consider is whether it is possible to re-use existing buildings, or parts thereof, for the proposed use.

With careful on site sorting and storage and by staging work programs it is possible to re-use many materials, either on-site or off-site.

Council is seeking to move from the attitude of straight demolition to a process of selected deconstruction, ie. total reuse and recycling both off-site and on-site. This could require a number of colour-coded or clearly labeled bins on site (rather than one size fits all). Applicants should demonstrate project management which seeks to:

- re-use of excavated material on-site and disposal of any excess to an approved site;
- green waste mulched and re-used in landscaping either on-site or off-site;
- bricks, tiles and concrete re-used on-site as appropriate, or recycled off-site;
- plasterboard re-used in landscaping on-site, or returned to supplier for recycling;
- framing timber re-used on-site or recycled elsewhere;
- windows, doors and joinery recycled off-site;
- plumbing, fittings and metal elements recycled off-site;
- All asbestos, hazardous and/or intractable wastes are to be disposed of in accordance with Workcover Authority and EPA requirements;
- Locations of on-site storage facilities for material to be reused on-site, or separated for recycling off-site; and
- Destination and transportation routes of all materials to be either recycled or disposed of off-site.

The following table should be completed by applicants proposing any demolition work.

Demolition Stage 1 -To be completed for proposals involving demolition

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m^3) or Area (m^2)	**ON-SITE** • Specify proposed reuse or on-site recycling methods.	OFF-SITE • Specify contractor and recycling outlet.	• Specify contractor and landfill site.
Excavation Material	$4m^3$	Keep and re-use topsoil for landscaping. Store on-site. Use for fill on site etc. Excess to be removed by nominated contractor.	Art Excavations and Demolitions. P.O Box M37 Bankstown NSW 2200	TBA
Green Waste	1 m^3	Separated. some chipped and stored on-site for re-use on landscaping	Remainder to Australian Native Landscapes P/L Badgerys Creek	Nil
Bricks	N/A			Nil
Concrete	0.3 m3	Use for fill on site	Concrete to Brandown crushing & Recycling company	Nil
Timber – Hardwood/pine	N/A	Re-use for formwork and studwork. Chip reminder for use in landscaping.	To stockpile at Brandown transfer station, by approved Waste Contractor	Nil
Plasterboard	N/A	nill	Nill	Nil
Metals – Zinc-alum	N/A	Nil	Nill	Nil
Tiles and door fitting	N/A	Nill	Nill	Nil
Asbestos	N/A	Nill	Nill	Nil

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

SECTION TWO – CONSTRUCTION AND USE

Section 2(a) – Potential for Waste Minimisation During Construction Stage

The following measures should be considered when looking to save resources and minimize waste at the construction stage.

- Purchasing Policy – considering measures such as ordering the right quantities of materials and prefabrication of materials where possible;
- Reusing form-work;
- Minimizing site disturbance, limiting unnecessary excavation;
- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling; and
- Co-ordination/sequencing of various trades.

The following details should be shown on your plans.

- Location of temporary storage space within each dwelling unit;
- Location of Waste Storage and recycling Area(s), per dwelling unit or located communally on-site. In the latter case this could be a Garbage and Recycling room;
- Details of design for Waste Storage and Recycling Area(s) or Garbage and Recycling Room(s) and any conveyance of volume reduction equipment; and
- Location of communal composting area.

Section 2(b) – Design Of Facilities

The following details should be shown on your plans:

- Location of Waste Storage and Recycling Area(s) per unit or located communally on-site;
- Details of design of Waste Storage and Recycling Area(s);
- Where appropriate, design details of Garbage and Recycling Room(s);
- Access for vehicles.

Every building shall be provided with a Waste Storage and recycling Area which is flexible in size and layout to cater for future changes in use. The size is to be calculated on the basis of waste generation rates and proposed bin sizes.

Section 2(c) – On-going Management

This section will enable you to describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, care-taker/manager on-site).

Construction - Stage 2(a)

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m^3) or Area (m^2)	**ON-SITE** • Specify proposed reuse or on-site recycling methods.	OFF-SITE • Specify contractor and recycling outlet.	• Specify contractor and landfill site.
Excavation Material	m2	Use as infill on site wherever possible		TBA during construction
Green Waste		Covered in previous section as part of demolition		
Bricks	1 m^3	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Concrete	2m^3	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Timber –Oregon Pine Timber pallets Particle board finishes	2.5m^3	Chip for landscaping sell some on-site for firewood	Remainder to approved landscaping supplies of chipping and composting	Nil
Plasterboard	2.5m^3	Break-up and use in landscaping	Remainder to Boral Recycling 3 Thackery St Camellia 2142	Nil
Metals – Copper Aluminum	0.2m^3	Nil	To Selland Parker Metal Recyclers for re-use	
Other – Electrical fittings Reject trade-ins PVC Plastic	0.2 m^3	Nil		To Collex Recycling Waste Contractors

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

Design of Facilities – Stage 2(b)

TYPE OF WASTE TO BE GENERATED	EXPECTED VOLUME PER WEEK	PROPSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
Please specify. For example: glass, paper, food waste, off cuts etc.	Liter or m^3	For example: • Waste storage & recycling area • Garbage chute • On-site composting • Compaction equipment	• Recycling • Disposal • Specify Contract
A.Residential Recyclables:- 1.Home paper and cardboard waste. 2.Glass, aluminum and plastic (bottles). 3. Containter	2x240 Liters /1 dwelling	A. 240 liters waste bin for paper, cardboard and another 240l bin for glass, plastic, aluminum.	Paper/cupboard to recyclers Glass/aluminum & plastic to collected by council or Council appointed contractor fortnightly
Total	2 bins		
B.Residential Non-recycables:- 1.Food-scraps etc. 2.Other plastics (e.g wrapping). 3.Un Recyclable waste.	120 Liters/ dwelling	B. 120 liters waste bin	To be collected by Council or Council appointed contractors weekly
Total	1 bins		
C. Organic Garden waste	240 Liters/ 1 dwelling	C. 240 liters waste bin	To be collected by Council or Council appointed contractors fortnightly
Total	1 bins		

On-going Management – Stage 2(c)

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker/manager on-site).

The resident of the house will arrange and locate waste bins on collection day to Council's requirements.