

Waste Management Plan

This Waste Management Plan proposal is to be submitted when required by Council's "Site Waste Management and Minimisation" Development Control Plan.

Irrawang High School: Waste Management Plan	
Proposed Development:	Irrawang High School Upgrade
Site Address:	80 Mount Hall Rd, Raymond Terrace, New South Wales.
Buildings and other Structures currently onsite:	The site is currently occupied by Irrawang High School, which provides education for students in Years 7 to 12. The buildings currently on site are located predominately in the southern portion of the site towards Mount Hall Road. Within the site, there are also two sport ovals and a sport court situated to the north and north-east.
Brief Description of Proposal:	The project is an upgrade of Irrawang HS to meet EFSG Stream 6 core facilities. This includes a new learning hub (8 general learning spaces and 6 learning support classes), refurbishment and extension of the library, relocation of 2 demountables, removal of 9 demountables at the end of the project, relocation of Block L, new external road works, and a student learning support pick-up/drop-off zone.
The details on this form are intentions for managing waste related to this project.	

Waste Management Plan – Construction Phase

Materials On Site			Destination		
Type of Materials	Estimated		Reuse and Recycling		Disposal
	Vol. (m ³)	Wt. (t)	On-Site • Specify proposed reuse or on-site recycling methods	Off-Site • Specify contractor and recycling outlet	• Specify contractor and landfill site
Excavation Material	50	90	Cut and fill site as required to attain desired levels. Retain excess topsoil for landscaping.	NIL.	NIL.
Green Waste	2	3	Sort and re-use for landscaping and mulching as appropriate.	NIL.	NIL.
Masonry	20	32	Any bricks recovered from site works to be stockpiled for re-use on other sites where possible.	Deliver to crushing & recycling company for re-sale.	Clean up from site to be placed in skip-bin for disposal at approved landfill site.
Concrete (footpath crossover & retaining wall)	5	10	NIL.	Deliver to crushing & recycling company for re-sale.	Clean up from site to be placed in skip-bin for disposal at approved landfill site.
Asbestos	0	0	NIL.	NIL.	NIL.
General Waste	30	36	NIL.	NIL.	Place in skip-bin and dispose of at an approved landfill site.

Waste Management Plan – Ongoing Operation

Type of Material	Estimated Quantity	Recycling Method	Disposal Method
General Waste	7,500L per week	NIL.	Disposal of at a licensed facility via private collection. Collection to occur 2 times per week as required (Wednesday & Saturday).
Recycled Waste	3,000L per week	Recycled at licensed facility. Collection currently occurs Wednesday & Saturday as required by Hunter Resource Management.	NIL.
Green Waste	Included in General Waste	NIL.	Disposal of at a licensed facility via private collection. Collection to occur 2 times per week as required (Wednesday & Saturday).

A total of 4 skip bins (2 x 3,000L & 1x 1,500L general waste + 1 x 3,000L recycling) are able to be stored on site within the existing bin store on the Eastern side of Block A.

This equates to 7,500L of storage for general waste, collection currently occurs two times a week (Wednesday & Saturday) by private contractor. School maintenance staff report that the bins are generally only half full during these collection times.

This equates to 3,000L of storage for recycled waste, collection currently occurs two times a week (Wednesday & Saturday) by a Private Contractor.

Quantities provided are estimates only, based on Port Stephens City Councils **Development Control Guidelines** Operational Waste Management for Commercial and Retail, Recreation and Tourism Facilities. The generation rate is 25L per 100sqm for general waste and 3L per 100sqm for recycling (for category Education – Tertiary).

The existing bins and bin storage on site are to remain, with no proposed changes forming part of this Development Application. The school has advised that the capacity of the existing general waste facilities is currently underutilised and the student number increase is minimal. It is important to note that the new building proposed in this DA Application are to replace demountables that are to be removed from site, not to cater for a large increase of student numbers.

The following procedure will ensure successful on-going management of waste on-site:

Existing waste storage area and containers are well signposted to ensure appropriate use.

Cleaning and janitorial staff employed by the school to transfer waste and recyclables from the interim storage containers to the communal storage area and ensure that the storage containers and the storage area are kept clean and in good order.

Teaching staff and student implemented recycling program set up for paper/cardboard to be collected regularly and transferred to dedicated skip-bin. Skip-bin to be regularly emptied by private contractor.

Aluminium cans and recyclable plastics to be collected and stored in dedicated skip-bin. Collected on a regular basis by private contractor.

Food scraps/waste to be collected in fixed garbage bins/stands throughout the site. To be removed in general waste skip-bin collected by contractor.

Garden waste suitable for composting/chipping is to be used in landscaping. Remainder to be removed in general waste skip-bin collected by contractor.

Other general waste is to be placed in appropriate skip bins which are emptied on a regular basis by contractor.

**** Note selection of Contractor, Recycling or Landfill Facility subject to change pending appointment of builder / demolition contractor at the time of demolition & construction works.***