



Reference: 15.228103

19 May 2015

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Attention: Skye Playfair Redman,

**Re: Genesis Waste Management Facility; Pre-Sort Enclosure S75W
Traffic Impact Statement**

Dear Skye,

We refer to the proposed Pre-Sort Enclosure at the Genesis Waste Management Facility at Honeycomb Drive, Eastern Creek.

In this regard, we have reviewed all relevant information and now advise as follows:

Proposal

The proposed Pre-Sort Enclosure is an additional building for the pre-sorting (particularly the commercial and industrial waste stream) of material to enhance the recovery of recyclables from the waste stream. This will increase the effectiveness of the Plant in the Materials Processing Centre (MPC) and will allow better controls on waste being received as it will afford more time to be spent sorting the waste this will also generally increase safety at the facility.

Under this proposed modification, there will be no additional tonnage of processing materials over and above the current Project Approval (as modified) limits.

It is anticipated that an additional 10 staff may be required to operate the new facility.

Car Parking

The Blacktown Council DCP 2006 does not include a car parking rate for the specific type development now proposed. As such, the parking requirements shall be "*determined on the merits of the application*".

In this regard, an additional 10 car parking spaces are proposed which will readily accommodate the parking demands arising from the 10 staff expected to operate the new facility.

All new car parking spaces shall be designed and constructed in accordance with AS2890.1.



2 Traffic Generation & Impacts

Truck Movements

External truck movements are directly linked to the amount of import and export material to the site. No change to the existing tonnage of processing materials is proposed and, hence, the proposal will result in no change to external truck movements associated with the site.

There may be a minor increase in internal traffic movements, however that is a matter to be addressed as part of the ongoing operational site traffic movements plan(s).

Staff Vehicles

The proposed pre-sort enclosure is expected to require an additional 10 staff to operate and maintain the new facility. Subject to rostered work hours, it is assumed that this increase in staff will result in an increased traffic generation of up to 10 veh/hr during peak periods.

This is a minor increase and will have minimal impact on the surrounding road network. Indeed, previously modelling associated with a nearby development proposal (The Next Generation Energy from Waste Facility) indicates that that critical intersection of Wallgrove Road / Wonderland Drive will operate with a future Level of Service C and B during the morning and evening peak periods, respectively, post development. As such, there is therefore considered to be sufficient spare capacity in the surrounding road network to accommodate this minor increase in staff movements.

2 Conclusions

In summary, the proposal will generate up to 10 veh/hr which is a minor increase and will have minimal impact on the surrounding road network. As such, the proposal is supportable from a traffic perspective.

An additional 10 on-site car parking spaces are also proposed which will readily accommodate any increase in parking demands arising from the additional staff required to operate the new enclosure.

We trust the above is of assistance and please contact the undersigned should you have any queries or require any further information regarding the above.

Yours faithfully,

traffic

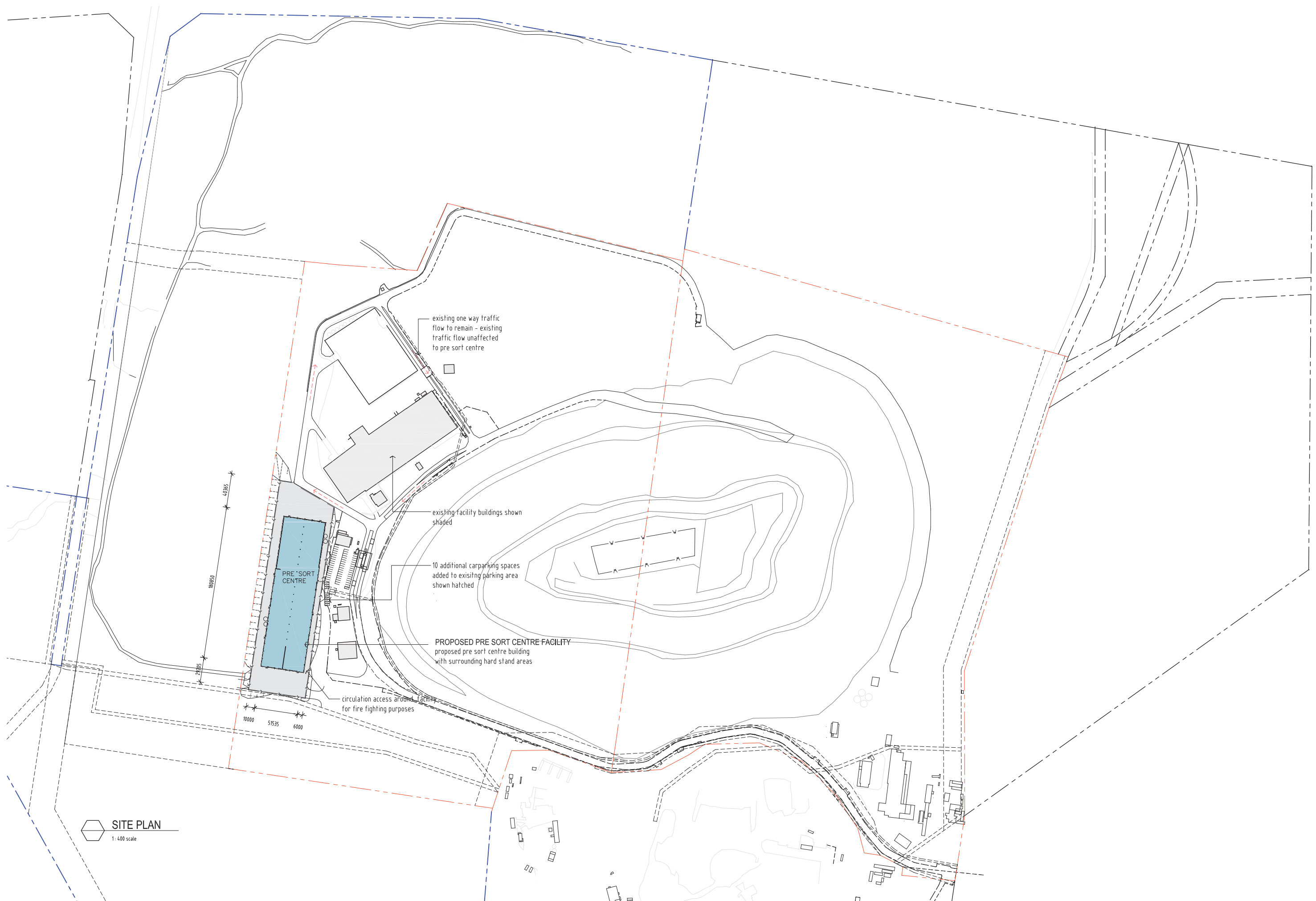
Tim Lewis
Senior Engineer

Attachments: 1) Site Plan



Attachment 1

Site Plan



SITE PLAN
1:400 scale

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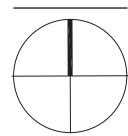
Scale 1:2000

Issue	Date	Amendment
B	09/12/14	issued for authority approval
C	12/12/14	building location adjusted to suit topography
D	19/02/15	site boundary to Genesis Xero Waste site highlighted in red
E	19/02/15	total site boundary highlighted in blue
F	16/03/15	boundary through pit included in existing Genesis Xero Waste recycling site
G	18/05/15	10 carspaces added and additional notation for fire truck access

Notes:

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AXIS ARCHITECTURAL Pty Ltd - ABN 18 086 853 376
Nominated Architect - David McDonald NSW ARB No. 7997



Project:
PRE SORT CENTRE BUILDING
HONEYCOMB DRIVE, EASTERN CREEK, NSW

Client:
GENESIS XERO WASTE

Drawing:
PRE SORT CENTRE SITE PLAN

Drawn: AA
Date: October 2014
Scale: 1:2000 @ A1

Project No:
141002

Drawing No:
DA / A 101

Issue:
G