

# Prospect Hill International Traffic



## Waste transport requirements

The proposed Energy from Waste (EfW) plant will be located at 164-200 McManus Road, Lara and will utilise an estimated 400,000 tonnes each year of non-hazardous waste diverted from landfill as the feedstock for the plant. Prospect Hill International estimates that 80% of this waste will come from Municipal Solid Waste (MSW) or 'household waste' and 20% from Commercial and Industrial (C&I) waste.

Waste will be delivered from various councils in Victoria.

We will target waste from councils located closest to the Lara site, including Greater Geelong, Colac Otway and Surf Coast, as well as western Melbourne metropolitan councils. The anticipated tonnages are provided in the below table.

Source	Total waste (tonnes)
Colac Otway, Surf Coast, Greater Geelong	100,000
Western Melbourne	240,000
Nearby regional councils	40,000
Other Melbourne councils	20,000
<b>Total</b>	<b>400,000*</b>

\*Approximately 125 Vehicles entering and existing the EfW plant

## Transporting the waste to our site

Waste delivered to the EfW plant would be following normal council kerbside collection in nearby suburbs or line haul trucks from other councils. Line haul trucks will combine and compact waste prior to delivery to the EfW plant to help further reduce the number of truck deliveries.



## We will be located close to major transport routes

Our proposed EfW plant will be located close to existing major transport routes in the Greater Geelong region, including the Princess Freeway and Geelong Ring Road, meaning we can avoid small local roads during construction and operations.





## Transport routes to the EfW site

The routes taken to access the site will depend on the place of origin of the vehicle. The table below outlines the routes that would be used to access the site for both the construction and operations traffic.

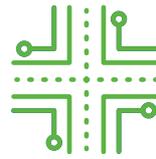
Origin	Key roads
Melbourne	Princes Hwy, Geelong City Centre exit
Melbourne	Princes Hwy, Geelong Ring Road
Geelong	Princes Hwy Geelong Ring Rd
Lara	Forest Rd
Ballarat	Midland Hwy
Ballan	Geelong Ballan Rd
Bacchus Marsh	Bacchus Marsh Rd



## Traffic Impact Assessment

We have undertaken a traffic impact assessment of the roads that will be used to access the EfW plant and identified the potential impacts that the development will have on these roads.

The assessment modelled the traffic from the construction phase, the operational phase and future traffic scenarios.



## Results

The traffic impact assessment found the road network has enough capacity for construction and operation of the project.

During the peak construction period of the EfW plant, approximately 1,400 two-way vehicle trips (700 entering and 700 exiting) are expected to be generated each day.

During the first year of operation of the EfW plant, 250 two-way vehicle trips (125 entering and 125 exiting) are expected to be generated each day.

Prior to construction of the EfW plant, Prospect Hill International will also prepare a Traffic Management Plan in coordination with the City of Greater Geelong. This plan will govern all project traffic during construction and operation.



**For more information or to provide feedback:**

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