

Renex Integrated Waste Treatment & Resource Recovery Facility

Fact Sheet (September 2012)

The information provided below is general public information about the Renex Integrated Waste Treatment & Resource Recovery Facility in Ordish Rd, Dandenong South. If you have any questions or would like more specific information, please contact us on (03) 9988 7786 or via email at community@renexgroup.com. Renex will also be providing regular updates about the facility on our website – www.renexgroup.com

1. Why was RENEX created?

In 2007, RENEX sought to find a sustainable solution for the treatment of contaminated waste and reduce the need to dispose of these wastes into landfill. The Victorian Government has a policy – Towards Zero Waste – that aims to reduce the amount of waste going to landfill by 2020. The RENEX facility will allow for the treatment and reuse of contaminated soils that forms a key part of the waste reduction strategy.

2. How much waste can you treat?

The RENEX facility will be able to treat approximately 70,000 tonnes of contaminated soil per annum. RENEX will also treat up to 3,000 tonnes of other Prescribed Industrial Wastes.

3. What waste will you treat?

The main purpose of the RENEX facility will be to treat contaminated soils that would have otherwise been disposed of in landfills. The RENEX facility will also treat a small amount of other Prescribed Industrial Wastes (such as recycled tyres and waste oils) that will provide energy to power the plant.

4. Where is the waste stored?

The RENEX facility is fully enclosed with all contaminated soils delivered inside the building. Soil that has been treated will also be stored in the building before being removed from the facility for other uses.

5. Why is the facility located in Dandenong South?

The Dandenong South Industrial 2 Zone Precinct was identified as the appropriate industrial area for a facility of this type. The site is accessible via major roads and arterials for the transport of waste materials and has a buffer distance of more than 1500 metres.

6. Where does the treated material go?

The waste treatment process used by RENEX ensures that the majority of treated soil can be re-used in a number of ways. This includes as clean fill on construction sites, in the production of composts or possibly as road base. A small percentage of soil that can't be treated by RENEX may need to be disposed of in landfill as a lower level waste.

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7. How will trucks get to the site?

The South Dandenong Industrial 2 Zone Precinct was chosen for its close location to the EastLink Tollway, and easy access from other major arterial roads without the need for trucks to enter local residential areas. All trucks that currently transport contaminated soils must be licensed with the Environment Protection Authority.

8. How will you manage noise and odour?

The facility will be operated within a fully enclosed building, which will minimise any noise and odour. RENEX will also conduct regular noise monitoring of the plant in accordance with EPA guidelines and our license arrangements.

9. Will there be dangerous gas or dust emissions?

The RENEX facility has been designed so that all contaminated soil is contained within the building. The facility will also operate under a negative pressure environment (similar to a vacuum) to ensure that all particles remain within the building. The facility will have continuous monitoring of the emission stack to ensure that there are no adverse impacts to the local air environment.

The RENEX technology has been designed and manufactured in Germany where it has been operating for over 20 years. The German reference facility has complied with all European and German regulatory standards. The Victorian EPA investigated the operation of the German facility as part of the approval process that RENEX undertook before being issued a Works Approval.

10. What hours will the facility operate?

The RENEX facility is designed to be operated 24/7, with some periods required for regular maintenance. As this facility requires the contaminated soil to be heated it is not practical to power the plant up and down on a daily basis.

11. How will I be kept informed?

Renex is committed to keeping residents and businesses informed about the progress of the project. We will hold information sessions and produce newsletters at each key stage of the project and keep our website up to date.

12. What hours will you be working during the construction process?

The majority of the construction work will be completed within normal business hours.