

Proposed Resource Recovery Facility 30 Loftus Road, Yennora NSW 2161

COMMUNITY INFORMATION SHEET

Cobra Waste Solutions Pty Ltd proposes to establish a resource recovery facility at Warehouse A, 30 Loftus Road, Yennora. The proposal is State Significant and an Environmental Impact Statement (EIS) for the proposal is currently being prepared for submission to the Department of Planning, Industry and Environment. The EIS will be exhibited for a minimum of 28 days (longer if the exhibition overlaps with the Christmas/New Year period), at which time the community are invited to make submissions.

About Cobra Waste Solutions Pty Ltd

Cobra Waste Solutions is a family owned business recently established in 2020, with parent company “The Cobra Group” operating a successful waste transfer station located in St Marys. The company offers recycling and waste services across the Sydney region including; collection, processing, separation, recycling and disposal, with the St Marys facility having served the community since 2018. Cobra Waste Solutions has a dedicated team that manage, operate and facilitate services across their Skip Bin and Recycling Centre divisions and proudly service thousands of projects every year. With a customer-centric approach, the customer first philosophy enables Cobra Waste Solutions to deliver efficient, safe and reliable service, along with competitive pricing and environmentally conscious waste solutions.

Project Benefits

The proposal is a Priority Project and will have the following benefits:

- **JOBS** – 50 full time positions, 30 construction jobs and 100 indirect jobs will be created.
- **IMPROVED RECYCLING RATE** – Up to 90% of materials would be recovered, preventing waste from landfill and reducing illegal dumping.
- **BEST PRACTICE TECHNOLOGIES** – The facility has been designed using best practice technologies in equipment and environmental management techniques.
- **STOP WASTE EXPORTS**– The proposal would support the National Waste Policy preventing Australia’s waste being sent overseas, enabling waste to be processed in Sydney.

The Subject Site

The subject site is located at 30 Loftus Road, Yennora NSW 2161 with frontage to Loftus Road, surrounded in all directions by other industry. There are two buildings at the site and the proposed development would be located in Warehouse A as shown on the aerial view in Figure 1. The site is far removed from residential areas.



Figure 1: Site location (Source: SIX Maps)

The Proposed Development

The proposed development is for a resource recovery facility that would operate 24 hours, 7 days a week and receive, handle and process up to 150,000 tonnes per year of Construction and Demolition (C&D) and Commercial and Industrial (C&I) waste. The site will have the capacity to store up to 1,500 tonnes of this material.

The proposed facility would be installed within an existing industrial building on land within the established industrial area of Yennora. Ample room is available to process and store all waste within the building.



Figure 2: View of existing industrial building from Loftus Road

No structural changes to the existing building are required. The site contains existing infrastructure that would be utilised for the proposed development. This includes extensive fire protection equipment and a sprinkler system. External areas would contain on-site car parking, storage of empty skip bins and two weighbridges.

The Resource Recovery Process

All resource recovery activities and storage of waste would be undertaken within the existing building. There would be no external operations and no external stockpiles of waste. A new system would be developed with components being pre-fabricated off site for installation. The system would consist of pre-sorting and material inspection, feed hopper, waste flip flop screens, conveyors, extractors and blowers, an enclosed picking station and three magnets to enable efficient recovery and separation of material. A concept elevation plan is shown in Figure 3.

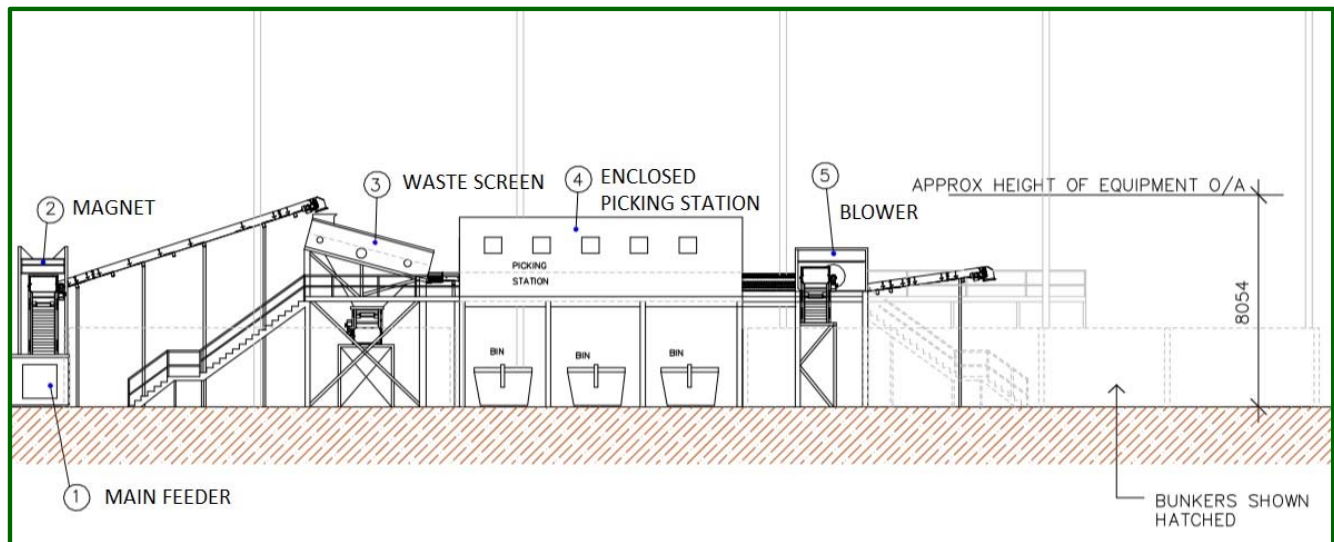


Figure 3: Concept elevation view of the resource recovery process

The system is expected to recover up to 90% of material and is expected to process 20 to 25 tonnes per hour.

Concrete walled storage bunkers for waste and recovered materials would be established inside the building. There would be storage bunkers and bins located along the processing line to capture recovered material at various points. The layout of the system would facilitate a regular turnover of waste through the system therefore requiring limited storage space.

A water misting system would be installed for dust suppression. Water for this purpose would be sourced from rainwater tanks to be installed at the site.

Environmental Considerations

The environment is being carefully considered at each stage of planning. Environmental safeguards and controls would be included in the design of the development. Key environmental issues that will be addressed in the EIS include:

- **Waste Management** – Waste types, processing activities and procedures to manage waste would be detailed in a Waste Management Plan that will describe how the facility will adhere to NSW EPA waste standards and guidelines.
- **Air Quality** – Dust would be the main air pollutant. An air quality impact assessment will assess dust impacts and determine mitigation measures required to minimise emissions.
- **Soil and Water** – Soil would not be disturbed as no building works are required. Stormwater management would include stringent environmental safeguards to prevent pollution of waterways.

- **Noise** – a noise impact assessment will be conducted to NSW EPA Guidelines to ensure noise impacts at the nearest receivers during all time periods are adequately mitigated.
- **Traffic and Transport** – A traffic expert will assess impacts of additional truck movements associated with the operations. Recommended mitigation measures would be implemented.

For More Information

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