

Proposed Increase in Capacity to a Liquid Waste Recycling Facility, 14-16 Kiora Crescent, Yennora NSW 2161

COMMUNITY INFORMATION SHEET

Enviro Waste Services Group (Enviro Waste) is proposing to increase processing quantities at their liquid waste recycling facility at 14 Kiora Crescent and utilise the neighbouring site at 16 Kiora Crescent for additional waste recycling, offices, truck manoeuvring and car parking. Both properties are located in the suburb of Yennora. An Environmental Impact Statement (EIS) for the proposal is currently being prepared for submission to the Department of Planning 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 Enviro Waste Services Group

Enviro Waste Services Group is a family owned and operated liquid waste disposal company in Sydney who specialise in liquid waste removal founded on the extensive experience of its Owner and Director, Eddy Hawach. Enviro Waste provides professional, high quality service that specialises in liquid waste, grease trap waste disposal, hazardous waste removal, oily waste disposal and removal, septic waste removal, septic tank cleaning and product destruction. Enviro Waste services a range of markets to help enable a large region and rapidly developing country centres to function efficiently.

The existing liquid waste recycling facility subject of this proposal is located at 14 Kiora Crescent, Yennora and has been in operation and servicing the community for over the past 6 years. The neighbouring property (16 Kiora Crescent) will be incorporated in this proposal for additional liquid waste recycling and storage, office facilities, truck manoeuvring and car parking.

Project Benefits

The project would provide a number of benefits including improving efficiency, meeting the rising demand for liquid waste recycling around NSW and providing additional local employment opportunities.

The Proposed Site

The site is located at 14-16 Kiora Crescent, Yennora NSW 2161 and is shown in Figure 1. The land is approximately 575 square metres in area and the site is located with frontage to Kiora Crescent, surrounded by other industry.



Figure 1: Site location (Source: Google Maps)

The Proposed Development

Enviro Waste propose to increase their processing quantities at their liquid waste recycling facility from 900 tonnes per year to 110,000 tonnes per year and store up to a maximum of 477 tonnes of liquid at any one time. No construction or modification to plant equipment will be required.

The Manufacturing Process

The operation of the facility involves the following activities to be undertaken across both sites:

14 Kiora Crescent (existing facility)

- Unloading and loading of liquid industrial waste (such as sewage sludge, grease trap waste, oil/water emulsions etc) from tanker trucks;
- Filtration of solid debris;
- Separation of solids;
- Separation of oil and sludge; and
- Separation of oil and water.

16 Kiora Crescent (additional facility)

- Unloading out-of-date liquid perishable waste containers (such as fruit juices, soft drinks, shampoos and soaps);
- Packaging containers shredded and recycled;
- Liquid food wastes collected into intermediate bulk containers (IBCs);
- IBC's transported off site for irrigation application to farmlands; and
- Liquid soap wastes sent to 14 Kiora Crescent for further processing.

All increased quantities and processes would utilise existing equipment on site.

Waste liquids are collected from sites throughout the Sydney Metropolitan Area. Most of the liquids are collected from special purpose tanks which separate the solid residues from the liquids, minimising the solids collected. The waste liquids are collected via vacuum tankers. Some of the liquids are delivered or picked up by a small truck in 1000 L IBCs.

Liquids are delivered to the recycling facility and unloading takes place inside the factory building. The waste liquids are pumped from the tankers using pumps within the facility through filters to remove any residue fine solids and then into one of the storage tanks.

The waste liquid is pumped from the storage tanks, into the tank adjacent to the DAF (Dissolved Air Flotation) which separates the solid and oil from the water.

Wastewater from the DAF is discharged to the Sydney Water sewer under a Trade Wastewater Agreement.

Oil and sludge are transferred from the DAF to small storage tanks. This oil and sludge waste is removed from site by a licenced waste contractor to be processed as grease trap waste.

Hours of Operation

The proposed development seeks approval to operate 24 hours, seven days a week.

Environmental Considerations

The environment will be carefully considered at each stage of planning. Key environmental issues that will be addressed in the EIS include:



Figure 1: View of existing Enviro Waste facility (14 Kiora Crescent) from Kiora Crescent

- Waste Management – the facility would receive an increased quantity of liquid wastes that it is already licenced to receive. Measures would be implemented in line with *NSW Waste Avoidance and Resource Recovery Strategy 2014-21*.
- Air Quality – the operations may generate odour emissions. An odour impact assessment is being conducted to NSW EPA Guidelines and mitigation measures would be implemented to minimise emissions of odour.
- Soil and Water – No excavations are required. Stringent environmental safeguards will be put in place to minimise the potential for pollution to waters during operation.
- Noise – a noise impact assessment has been conducted to NSW EPA Guidelines and there are no exceedances of criteria at the nearest receivers during all time periods.
- Traffic and Transport – increased traffic would be associated with the operations. This increase and mitigation measures would be assessed in a traffic assessment in the EIS.
- Hazards and Risk – environmental protection equipment is installed at the premises to minimise the potential risks.

Environmental safeguards and controls would be designed into the facility to ensure impacts on the environment are minimised.

For More Information

For further information contact Benbow Environmental on (02) 9896 0399 or email admin@benbowenviro.com.au



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