1. Statement of Commitments

The proposed commitments are made to ensure any impacts arising from the construction and, operation of the resource recovery facility are minimised are summarised in **Table 1** below.

Table 1: Project Commitments and mitigation measures

Issue	Proposed Mitigation Measure
Noise	**Operations** Preparation of a Noise Management Plan (NMP) as part of the OEMP. The NMP would address matters such as: • Limiting site hours of operation to align with the Noise and Vibration Assessment (SLR, November 2016). • Maintenance of the current maximum vehicle speed limit of 5 km/hr. • Vibration management – handling of heavy materials; • Encourage all vehicle access to the site via Boundary Road and Hearne Street; • Requirements for ongoing maintenance of fixed and mobile plant in accordance with manufacturers specifications; • Development of protocols to ensure processing operations are undertaken wholly within the processing building; and • Procedures to handle complaints which would include monitoring requirements to verify exceedances to any thresholds relevant to the project. **Detailed Design** Detailed design plans will: • Remove the proposed speed humps with alternate measures to limit speed within the site incorporated into the final design and site specific Traffic Management Plan. • Ensure the design of the slab and footings associated with the finger screen shall be prepared to take into account and accommodate vibration from dynamic loads associated with the operation of this plant. **Construction** A Construction Environmental Management Plan (CEMP) would include measures to ensure monitoring and management measures contained in the Construction Noise and Vibration Management Plan are implemented for the duration of the construction programme.
Traffic and Access	**Operations:** An Operational Traffic Management Plan (OTMP) would be prepared to manage traffic impacts associated with the development and would form part of the OEMP. The OTMP would contain:

Issue	Proposed Mitigation Measure
	• Identification of preferred routes to minimise noise impacts on the surrounding community; • Incorporate the vehicle stacking plan (TTPP, November 2016) and associated management protocols; • Physical and operational measures (including signage) to mitigate noise impacts from vehicles accessing and leaving the site; • Measures to limit the impact of traffic noise; • Maintaining internal swept vehicle paths through appropriate line marking to prevent the encroachment of external bin storage on manoeuvring and parking areas; and • Driver education and information to promote driver habits to minimise noise and awareness of preferred heavy vehicle routes. **Detailed Design:** Ensure vehicle swept paths and external bin storage areas are not compromised in the detailed design phase. The minimum proposed site entry of 16.2m is to be maintained. **Construction:** The CEMP would include measures to mitigate impacts associated with construction traffic including but not limited to: • Hours of operations; • Temporary parking arrangements; • Access and manoeuvring arrangements; • Traffic control requirements; and • Oversize Vehicle Permits and arrangements (e.g. floating of plant and equipment).
Air Quality and Greenhouse Gas	**Air Quality** **Operations:** An Air Quality Management Plan (AQMP) would be prepared to form part of a comprehensive OEMP. The AQMP would be prepared with regard given to the AQIA and address matters such as: • The installation and regular maintenance of an operator-activated overhead dust suppression system; • Use of a street sweeper over external hardstand areas; • Use of hand held hoses to supplement overhead dust suppression system; • Use of hand held hoses within any areas not covered by the overhead dust suppression system; • Procedures to cease processing operations if weather conditions have a major negative impact on the operation; • Implementation of a maximum vehicle speed limit of 5 km/hr will be imposed across all areas of the site; • Maintenance requirements for all on-site, fixed and mobile diesel powered plant

(excluding road vehicles) (e.g. manufactures specifications);

- Maintenance requirements of rumble grid and stormwater pits to prevent build-up of dust / sediment;
- Assignment of roles and responsibilities for the management of air quality issues such as dust suppression, and outlining the mitigation measures to be implemented to minimise the generation of air pollutants; and
- Procedures to handle potentially odour generating wastes such as green waste or hidden putrescible wastes.

Design

Detailed design plans are to document the location and coverage of dust suppression measures including:

- The fogging system;
- Overhead dust suppression sprinklers;
- Hand held hoses; and
- Location of rumble grid and all stormwater pits.

Construction

The CEMP would include measures to mitigate impacts associated with air quality (dust) associated with construction. This would include but not be limited to:

- Deployment of dust suppression measures (sprinklers / watercart / hand held hoses) during construction;
- Protocols for restricting construction activities during adverse weather conditions (wind generated dust);
- Use of street sweepers; and
- Regular checking and maintenance of soil erosion and sediment control measures.

Greenhouse Gases

The following mitigation and management measures will be implemented at the site to minimise greenhouse gas emissions during operations:

- Fixed plant maintenance requirements and practices will be incorporated into the OEMP to ensure all plant is operating in an efficient manner.
- Prior to the release of a Construction Certificate issued pursuant to Section 109C of the EP & A Act, a report addressing the energy efficiency requirements contained in Section J of the National Construction Code (BCA) will be prepared and submitted to the appointed Principal Certifying Authority. This report will document and assess the suitability of lighting and appliances proposed for the site office space.
- Garden waste materials received on site (i.e. low volumes) are picked and stored separately, then transported off site to a local facility for recycling (i.e. mulched, chipped and/or composted). The final OEMP will include details relating to the identification, handling and diversion of greenwaste.

Issue	Proposed Mitigation Measure
Contamination	A Construction Environmental Management Plan (CEMP) will be prepared prior to the commencement of demolition works or the approval of a Construction Certificate under section 109C of the Act. Should further approvals be required to undertake construction or remediation work, they will be sought and secured prior to the commencement of any works. The Pollution Incidence Response Management Plan (PIRMP) will be updated to account for the contamination that may result from activities due to the proposal. The updated PIRMP will be submitted to the NSW EPA as part of any application to modify the EPL for the site.
Water Cycle Management	**Operations** A Water Cycle Management Plan (WCMP) will be prepared to form part of a comprehensive OEMP. The OEMP will address matters such as: • The installation and regular maintenance of control measures including: o Rocla First Defense treatment device; o Rocla Water Level Controller; o Litter baskets; o Rainwater tank; o Gutters and downpipes; o Sweeping of internal and external hardstand areas; o Cleaning and removal of leachate from blind sumps if any is generated; and o Fogging system. • Implementation of a maximum vehicle speed limit of 5 km/hr will be imposed across all areas of the site. • The Final OEMP will be developed in consultation with the EPA prior to commencement of operations and will include: o leachate management and disposal; o maintenance for the stormwater management system; and o stormwater monitoring program. **Detailed Design** Detailed stormwater management plans document and confirm the suitability of proposed measures including: • Rocla First Defense treatment device; • Litter baskets; • Sweeping of internal and external hardstand areas; • Cleaning and removal of leachate from blind sumps if any is generated; • Fogging system; • Rainwater tank; and • Bunding of fuel and under awning material storage area.

Issue	Proposed Mitigation Measure
	Construction The CEMP would include measures to mitigate impacts associated with water quality associated with construction. This would include but not be limited to: • Regular checking and maintenance of soil erosion and sediment control measures; • Procedures for monitoring water quality during the construction phase; and • Procedures for managing groundwater should it be encountered.
Hazardous and Dangerous Goods	**Operations** To ensure the risks associated with the storage of potentially dangerous goods are not increased, the following measures area proposed: • Storage of diesel fuel and LPG will be limited to the quantities contained in this EIS and the SEPP 33 Risk Screening Assessment; and • Diesel fuel will be stored within a bunded area with sufficient capacity in isolation of any other flammable liquids. **Detailed Design** • Fire safety measures recommended in the SLR Fire Safety Study (25/10/2016) are to be incorporated into the detailed design documents. • The diesel storage tank area and bund will be designed and constructed to satisfy the requirements of *AS1940-2004 - The storage and handling of flammable and combustible liquids;* • Storage locations are to be documented in accordance with *AS1940-2004* will be incorporated into the OEMP and submitted to the PCA prior to the release of a certificate issued under section 109C of the Act. • The design, construction and installation of the aboveground diesel storage tank in the context of any relevant Australian Standards will be submitted to the PCA prior to the release of a final occupation certificate issued under section 109C of the Act. • The design recommendations for the Fire Protection Systems, as contained in the SLR Fire Safety Study (25/10/2016) are to be incorporated in to the detailed design. This is to include the recommended fire safety measures and details relating to the containment of firefighting water.
Visual Impact	Prior to the issue of a final occupation certificate: • Landscaping works will be completed at the completion of the building works; and • The proposed colour schedule will be in place at the completion of the construction works.

Issue	Proposed Mitigation Measure
Operational Waste Management	**General** The following commitments are made to ensure the efficient handling of waste and movement of vehicles across the site: • Provision of sorting and processing machinery to ensure processing efficiency; • scheduling and tracking of waste deliveries (in and out) where possible by the operators dedicated scheduling team; • Utilising dedicated site traffic controllers during peak periods and enforcement of driver protocols will enhance vehicle operations onsite; and • Limiting distribution of trucks carting outbound waste to mostly outside of peak periods. These commitments will be embodied in the Operations Environmental Management Plan (OEMP) which will be implemented to control the day to day handling of waste. The OEMP will identify protocols and procedures relating to: • Waste acceptance; • Waste source control; • On site storage requirements; • Green waste management; • Operational noise management; • Dust and air quality management; • Management and maintenance of stormwater infrastructure; • Transport and Disposal (Waste Tracking); and • Special Waste Management (Asbestos and Tyres); • Third party material sampling; • Weighbridge operation (including calibration); and • Emergency management procedures as contained in the SLR Fire Safety Study (25/10/2016). A final OEMP will be reviewed by the EPA prior to the variation of the EPL. The OEMP will be reviewed on an annual basis or as required under the EPL.
Construction and Environmental Management	A CEMP will be submitted to the PCA prior to the issue of relevant certificate under section 109R of the Act. The plan will address: • proposed demolition and construction hours; • the requirements of the DEWCAPE Construction Waste Management Plan (Rev 3 dated 11/11/2016) • pedestrian and traffic management during demolition and construction; • stormwater and waste management; and • noise management.