Appendix P:
Sample CMP and OMP

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

MAYFIELD WEST

April 2018

Document Control				
Rev No	**Date**	**Revision Details**	**Author**	**Reviewer**
01	25/01/2018	Draft	MH	ED
02	15/02/2018	Amended Draft	MH	ED
03	16/03/2018	Update References to Conditions	MH	ED
4	13/04/2018	Response to DPE comments	JK	PT
5	20/04/2018	Final CEMP	JK	ED

CONTENTS

1 INTRODUCTION

1.1 BACKGROUND

Benedict Recycling Pty Ltd (Benedict) is the operator of the Mayfield West Recycling Facility (MWRF) located at 1A McIntosh Drive, Mayfield West.

Resource recovery activities limited to 90,000 tonnes per year of General Solid Waste (non-putrescible) were approved on the site by consent DA2015/0291 on 8 March 2016. The site currently operates under the regulation of Environment Protection Licence (EPL) 20771.

Project approval SSD 7698 allows increased processing capacity to 315,000 tonnes per year of general solid waste (non-putrescible) including construction and demolition waste and commercial and industrial waste.

Condition C1 of the aforementioned development consent approving the increased processing capacity stipulates that a Construction Environmental Management Plan (CEMP) be prepared.

1.2 LOCATION

The facility is located at 1A McIntosh Drive, Mayfield NSW and is within the local government area of Newcastle City Council. The project site approved occupies part of Lot 1 in DP 874109 totalling approximately 4.9 ha.

Figure 1.1 shows the location of the entire Lot which is approximately 8.9 ha and is bounded by:

- the Hunter River (South Arm) to the north
- Tourle Street to the east
- Ausgrid Mayfield West Substation to the south; and
- light industrial buildings to the west

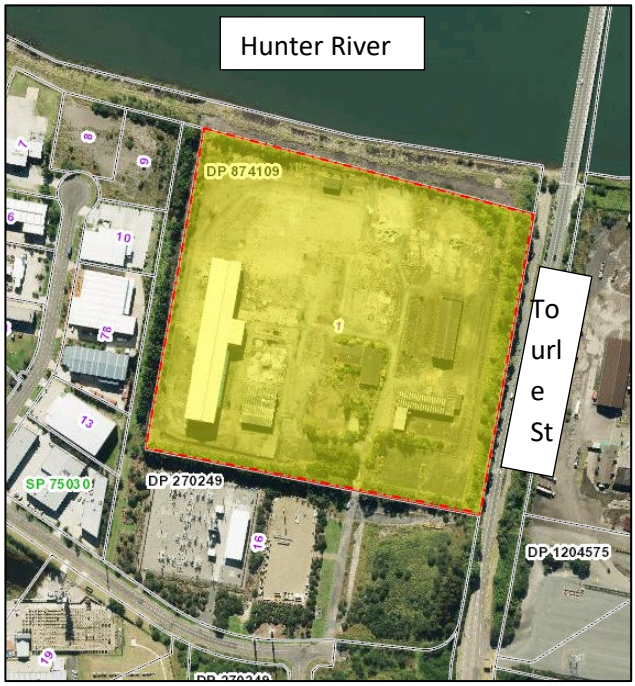


Figure 1.1 – Lot Location Map

1.3 PURPOSE OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

The purpose of the Construction Environmental Management Plan (CEMP) is to provide a structured approach to the management of environmental issues during construction works associated with the approved expansion of processing capacity. Implementing this CEMP will ensure that Benedict meet regulatory and policy requirements in a systematic manner. The CEMP will ensure that construction related requirements of Benedict have been met.

In particular, this CEMP:

- Describes the approved construction activities associated with the expansion in detail including activities to be undertaken
- Provides specific mechanisms for compliance with applicable policies, approvals, licences, permits, and legislation;
- States objectives and targets for issues that are important to the environmental performance of the approved expansion;
- Provides minimum mitigation measures and controls that will be applied on-site to avoid or minimise negative environmental impacts;
- Outlines protocols for incidents, complaints handling and unexpected finds; and
- Describes the environmental management related roles and responsibilities of personnel.

2.0 STATUTORY CONSIDERATIONS

This CEMP addresses the relevant conditions of the development consent for SSD 7698.2 pertaining to approved construction works.

Table 2.1 below lists the relevant statutory approvals that apply to the Development.

LEGISLATION	ACTIVITY/ASPECT	REQUIREMENT
Environmental Planning and Assessment Act 1979	All	Comply with the Minister for Planning and Environment's approval for the project. This includes compliance with the following terms of consent: • SDD 7698 Conditions of consent • Appendix B Applicant's Management and Mitigation Measures • Amended application • Project Environmental Impact Statement (EIS) • Project Response to Submissions (RTS) • In accordance with layout plans and drawings in the RTS and amended project application
SDD 7698	Notification to commence construction	Under Condition A13, the date of commencement of construction needs to go to DPE at least one month prior to the commencement of construction.
SDD7698	Site disturbance	Under SDD Condition B77 any soil or groundwater disturbance works are to be carried out in accordance with the report titled "Site Management Plan for Subsurface Disturbance, Activities, McIntosh Drive Mayfield NSW" (AECOM 2009) contained in Appendix C of this CEMP.
SDD7698	Construction	Under SDD Condition C3, construction works must

		be conducted in accordance with this CEMP
Sdd7698	Construction	Under SDD Condition C5, construction works must be conducted in accordance with the OEMP
Protection of the Environment Operations Act 1997	Environment Protection Licence 20771.	Construction works are to be conducted in accordance with the EPL.
Protection of the Environment Operations Act 1997	Water Pollution	Section 120 of the Act prohibits the pollution of water pollution except in accordance with the conditions of an EPA licence.
Protection of the Environment Operations Act 1997	Noise Pollution	Do not operate plant if it emits noise caused by poor maintenance or operation.
Protection of the Environment Operations Act 1997	Land Pollution	Do not cause or permit land pollution other than under authority of a licence or regulation.
Protection of the Environment Operations Act 1997	Waste and Transportation	Do not undertake a scheduled waste activity unless in accordance with an EPA licence.
Protection of the Environment Operations Act 1997	Harming the environment	Do not risk harming the environment by wilfully or negligently: - disposing of waste unlawfully; - causing any substance to leak, spill or otherwise escape (whether or not from a container); or - emitting an ozone depleting substance.
Waste Avoidance and Resource Recovery Act 2001	Waste Management	Ensure wastes are managed against the waste hierarchy of avoidance, resource recovery and then disposal.

Table 2.1 – Applicable Statutory Requirements

3 PROJECT DESCRIPTION

3.1 EXISTING OPERATIONS

The current operating site is located at 1A McIntosh Drive, Mayfield West, New South Wales. The site occupies part Lot 1 in DP 874109 and operates as a Resource Recovery Facility servicing the greater Newcastle area. As part of the previously approved development consent, a *Soil and Water Management Plan* as well as *Annual Water Balance* study was conducted and included within the Environmental Impact Statement.

Prior to Benedict occupying the site, it was previously used as a heavy industry chemical plant. The site had extensive surface water management controls in place including a perimeter drain/channel around the boundary of the site. Additional minor controls were subsequently introduced by Benedict to enhance the controls already in place.

3.2 SCOPE OF CONSTRUCTION WORKS

3.2.1 SURFACE WATER MANGEMENT SYSTEM CONSTRUCTION WORKS

Only minor construction works will be carried out under the SDD approval. Under condition B25 of development consent for the expanded operations (SSD 7698), a surface water management system must be installed on site prior to the commencement of expanded operations.

The surface water management system (refer Figure 3.2) has been designed by a DPE endorsed specialist in accordance with the requirements of condition B25.

The water management system will capture water from external stockpiles containing 'potentially contaminating wastes' within a separately bunded area (5,200 m^2). This water will flow to the three-stage pit and be pumped to storage tanks. For a less than 90th-percentile five-day rain event, this water will be captured, treated, tested, stored (pending analytical results) and discharged to sewer if it does not meet water quality criteria. If water quality criteria are achieved, water will to discharged to the perimeter drain (and ultimately to the Hunter River if it is not reused on site or evaporate).

No wastes will be stored or processed externally outside of the bunded segregated heavy waste processing and stockpiling area (24,990 m^2). The whole site covers 89,280 m^2. So runoff from 64,290 m^2 (including the roofs) will be completely segregated from any waste. This runoff will flow to the perimeter drain and the final sedimentation basin.

The water management system relies on capturing all water from a smaller area (about 6% of the site) rather than increasing the water containment capacity for the site as a whole. A water balance assessment of the new surface water system is contained in Appendix G.

The construction works required under for the installation of the surface water management system are as follows:

1. **Reconstruct basin walls within the perimeter drain** using graded rock (50-150mm diameter) in lieu of sandbags;
2. **Removal of vegetation** from within the existing sediment basin and perimeter drain;
3. **Sealing of** the surface water infrastructure (**basin and perimeter drain**) to prevent surface water infiltration to groundwater;
4. **Sealing of entire segregated heavy waste and stockpiling area** with either concrete or asphalt;
5. **Creation of an 100mm impervious concrete bund** around potentially contaminating waste area to direct surface water for treatment/holding/discharge via three-stage pit and holding tanks;
6. **Installation of three stage pit and holding tanks** for treatment/holding/discharge of surface water captured in potentially contaminating waste area;

Condition B31 requires

7. **Installation of a visible marker in the sediment basin** to show the required storage freeboard in the basin that equates to the volume required to contain all rainfall and runoff in the catchment from a 90th percentile rainfall event over any consecutive 5-day period.

Condition B42 details requirements for *Diesel Tank Management* as follows:

8. **Relocate Diesel Tank** to a bunded area at the centre of site **and addition of an awning** over it to prevent rainfall falling within the bund.

Condition B43 requires the:

9. **Install stormwater isolation valve**

3.2.2 ANCILLARY CONSTRUCTION WORKS

In addition to the construction works associated with the surface water management system, the following minor works will be carried out:

Condition B47 requires *Parking* to be provided as follows:

1. Provision and **marking of 25 on-site parking spaces** (including two accessible spaces) Parking areas are to be constructed in accordance with the latest version of Australian Standard 2890;

Operating Conditions as detailed under condition B49 require the following:

2. **Installation of outbound wheel wash** The above ground self contained wheel wash will be installed on top of the sealed hard stand area behind the exit weighbridge. No excavation will be required.

Condition B52 requires the:

3. **Installation of meteorological station** that complies with the requirements in the EPA's approved methods for sampling of Air Pollutants in NSW

3.3 FOOTPRINT OF CONSTRUCTION WORKS

The development footprint for the construction works is as indicated by the 'Development Layout Plan' contained in Appendix A of the development consent. This 'Development Layout Plan' is shown below in Figure 3.1.

All construction works are wholly contained within the existing boundaries of the site. Further, the existing surface water management system currently in place on site will continue to function throughout the duration of the construction works.

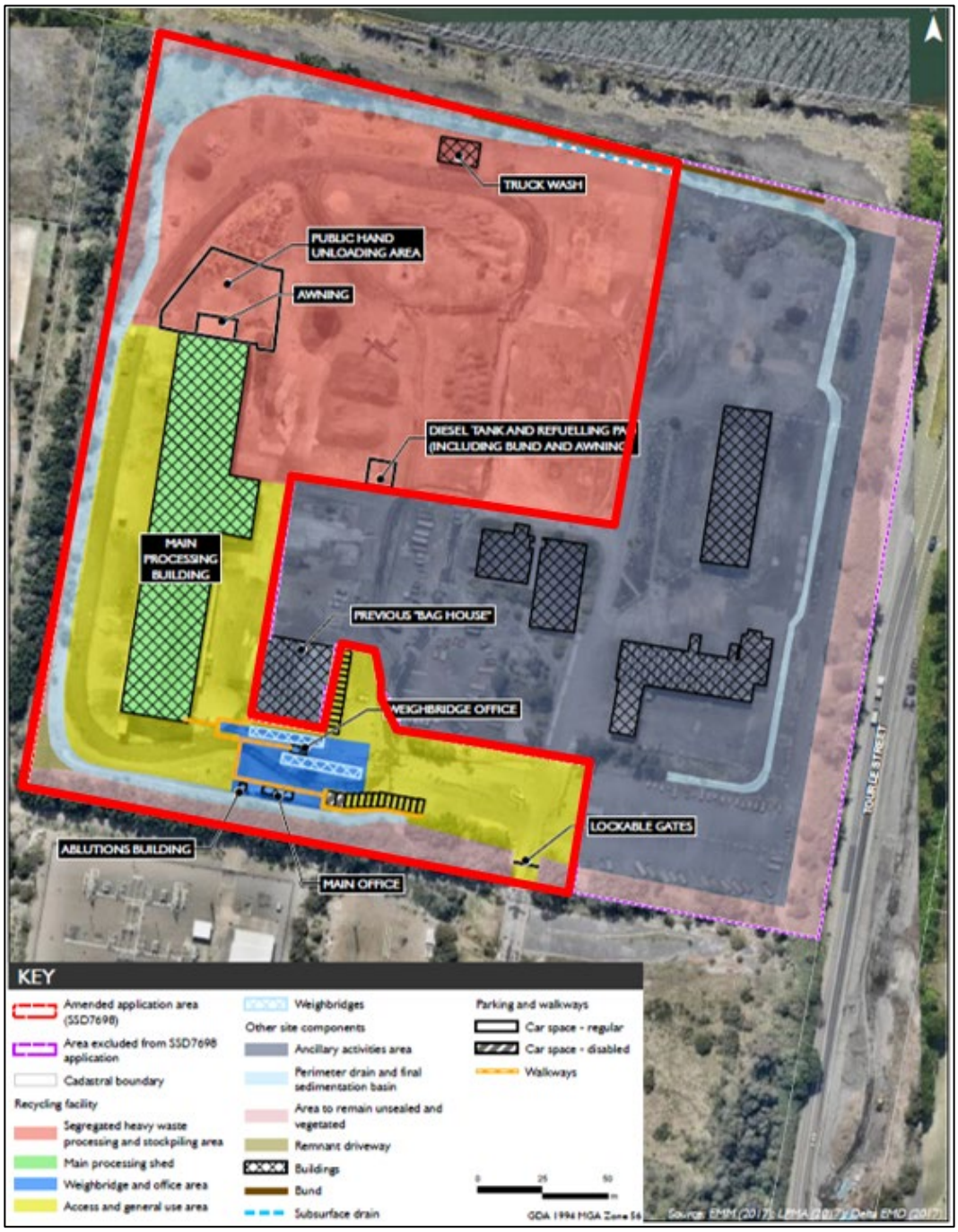


Figure 3.1 – Development Layout Plan

The location of the Surface Water Management Infrastructure detailed in section 3.2 above shown below in Figure 3.2. This infrastructure is to be located within the *segregated heavy-waste processing and stockpiling area* shaded red.

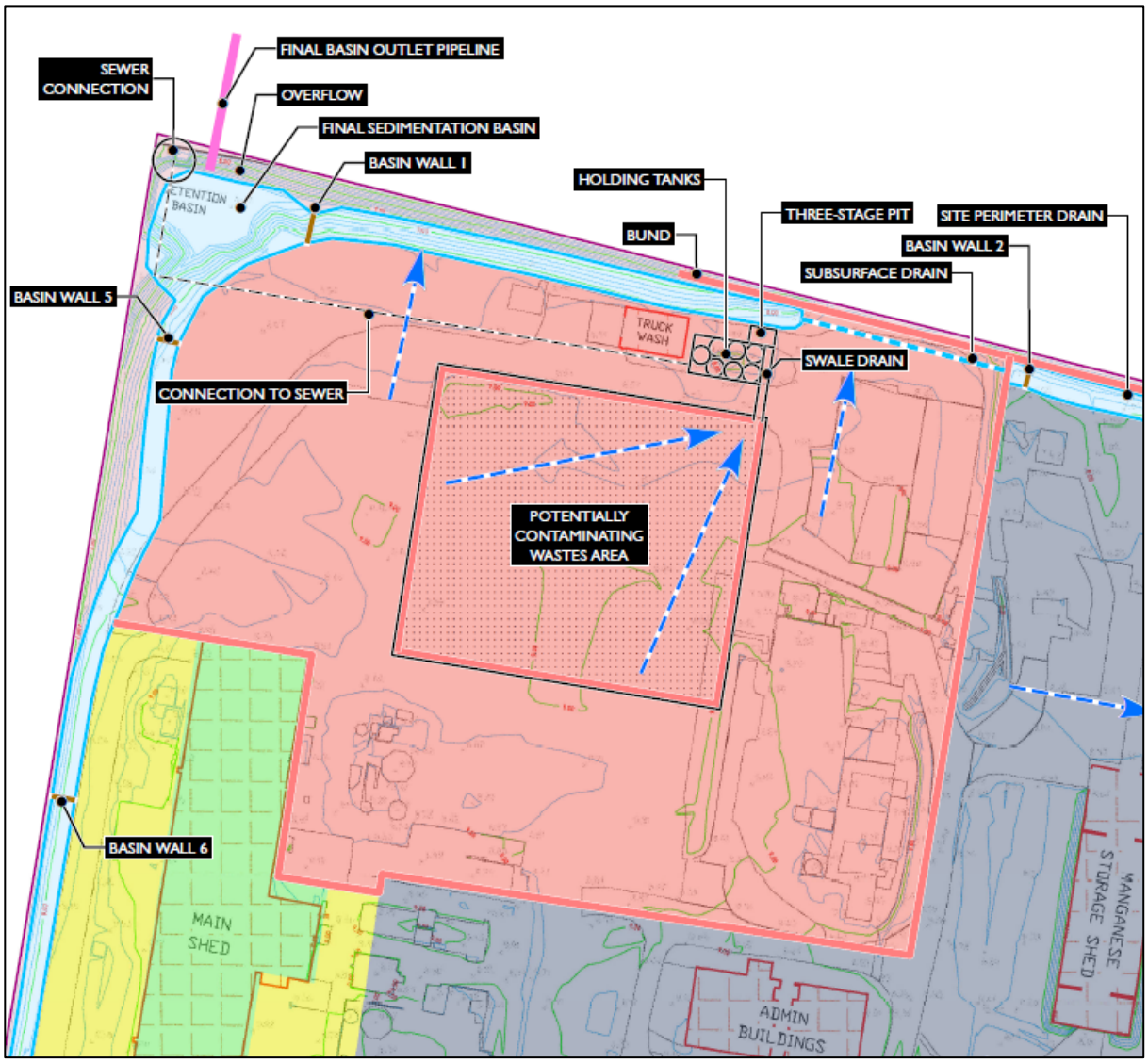


Figure 3.2 – Surface Water Management Infrastructure

3.4 STAGING OF WORKS

The order of work has been scheduled to minimise potential water quality impacts and minimise impacts on the current site operations. Construction activities will occur in the following sequence:

1. Construction of sediment fences around perimeter drain and diversion drains as required (construction duration of 1 day)
2. Construction of channel sedimentation basins by placement of rock bunds along the perimeter drain (construction duration of 1 day)
3. Progressive removal of vegetation from perimeter drains and progressive sealing of the drain and basin. Removal of vegetation and resealing works will move progressively along the perimeter drain to minimise the extent of disturbance at any one time. These works are anticipated to have a total duration of approximately 10 days. As the works will proceed progressively, they will be able to be scheduled to occur during dry weather.
4. Sealing and bunding works of heavy waste processing and stockpiling area. These works will have a total duration of approximately two weeks but will be staged to allow

designated work areas to be isolated from operational areas. The size of areas sealed at any one time will be dependant

5. Installation of outbound wheel wash (construction duration of 1 day).
6. Installation of required sedimentation and bunding works for excavation works for the installation of the three stage pit in accordance with the Site Management Plan (SMP) for Subsurface Disturbance Activities (AECOM 2009).
7. Excavation and installation of three stage pit system (construction duration of 1 day).
8. Controls shall remain in place until exposed areas are sealed and excavated material is removed from site in accordance with the SMP.
9. Installation of diesel tank within a bunded area, including installation of an awning to prevent rain water falling within the bund (construction duration of 2 days)
10. Installation of meteorological station and car parking spaces (construction duration of 1-2 days).

3.5 CONSTRUCTION METHODOLOGY

Erosion and sedimentation controls as outlined in the Construction Erosion and Sedimentation Control Plan included in Appendix D will be installed prior to the start of construction and maintained for the duration of works. Specific construction methodologies for key construction activities are provided below.

3.5.1 ROCK BUND INSTALLATION AND REMOVAL OF VEGETATION

Six basin walls will be constructed using graded rock (50-150mm diameter) within the perimeter drain. Bunds will be constructed using a medium size 11 tonne excavator. Vegetation (above ground portion) will be removed using a small 3 to 5 tonne excavator with 'non-tooth' bucket and/or by hand where necessary.

3.5.1 SEALING WORKS

Condition C1(c) of the development consent for the expanded operations (SSD 7698) requires detail of how the sealing works are to be staged including consideration of any associated impacts on operation.

Perimeter drain and sediment basin

The sealing works of the perimeter drain will commence at the final sediment basin in the north-western corner of the site and progress upstream along the perimeter drain to the east and south of the final sediment basin.

Sealing works will be carried out in the following stages:

1. Removal of any accumulated sediment* using a small 3 to 5 tonne excavator with 'non-tooth' bucket and/or by hand where necessary;
2. Poisoning of vegetation (stump portion);
3. Sealing of sediment basin and perimeter drain (as required in areas that have been compromised during vegetation removal)

* *Note, in the event that the integrity of the existing asphalt seal is damaged during removal of vegetation and/or any accumulated sediment, a fast drying bitumen sealing compound will be available on site (on standby) to repair any resulting damage.*

Sealing of segregated heavy waste and stockpiling area

The sealing of the segregated heavy waste and stockpiling area will be carried out using concrete or asphalt with the sealed area extending to the perimeter drain. No excavation will be required to facilitate this work. Concrete bunding around the potentially contaminated wastes area and the swale drain will also be constructed during this phase of work.

Sealing and bund construction work will be carried out progressively to minimise impact on the existing recycling operations at the site.

Sealing and bunding works will be undertaken concurrently within existing operational areas by isolating designated areas for staged works. This will be scheduled on a co-ordinated basis by balancing receivals, production and dispatch to minimise any need for moving existing stockpiles as designated areas are completed. Accordingly the size of area sealed at any one time will be dependent on operational considerations. Respectively sealed areas will be isolated from operational areas for approximately 48 hours to allow sealant to dry.

3.5.2 INSTALLATION OF THREE STAGE PIT AND HOLDING TANKS

The installation of the three stage pit and holding tanks will be carried out in accordance with the Site Management Plan for Subsurface Disturbance, Activities, McIntosh Drive Mayfield NSW" (AECOM 2009) contained in Appendix C of this CEMP.

Installation of the three stage pit will have a construction duration of 1-3 days and accordingly will be scheduled to occur in dry weather. Approximately 48m^2 of soil will be excavated for the installation of the three stage pit and holding tanks. The works supervisor will designate a hardstand area adjacent to the proposed pit installation, to allow for stockpiling of the potentially contaminated excavated material. This material will be appropriately bunded to prevent surface run off from entering adjacent areas.

The three stage pit is prefabricated off site with the components lowered into the ground.

Excavated material not backfilled will be sampled and classified prior to disposal to an appropriately licensed landfill in accordance with the Waste Classification Guidelines. In accordance with SDD approval condition B79 any material identified as contaminated must be disposed off-site, with the disposal location and results of testing submitted to Council, prior to its removal from the site. In the unlikely event, there is any run off from the excavated soil stockpile, this will be collected and sampled prior to either discharge to the site drainage system or removal to a facility licensed to accept liquid waste.

3.5.3 INSTALLATION OF DIESEL TANK

Condition B42 contains the following managing measures for the installation and operation of the 40, 000 litre self bunded diesel tank:

- the tank must be installed in accordance with the relevant Australian Standards, must be above ground and be protected against impact from heavy vehicles;
- the refuelling area must be covered with an awning to minimise dirty water run-off;
- overfilling of the tank must be prevented through gauging and monitoring of the tank's contents;
- hoses used for transfer of diesel must be inspected weekly;
- in an emergency, flow of liquid from the storage tank to a consuming device must be immediately shut off;
- the shut off valve must comply with the relevant Australian Standard and be fire resistant;
- the diesel tank and re-fuelling area must be bunded within an area of impervious hardstand; and
- a diesel spill kit must be stored in the refuelling area and deployed in the event of a spill.

3.6 CONSTRUCTION HOURS

Condition B62 of the development consent stipulates hours of work for construction as follows:

- Monday to Friday: 07:00am to 06:00pm
- Saturdays: 08:00am to 01:00pm
- Sundays& Public Holidays: Not permitted

All construction works on site will be limited to these hours.

4 ENVIRONMENTAL RISK MANAGEMENT

An environmental risk assessment has been carried out to identify the key environmental performance issues associated with each element of the construction phase (refer Appendix B). The assessment has identified actions required to address the potential adverse environmental impacts of the various elements of construction.

A risk management approach was used to determine the severity and likelihood of each element's impact on the environment. The objectives of the risk assessment were to:

- Identify activities, events or outcomes that have the potential to adversely affect the local environment and/or human health/property
- Qualitatively evaluate and categorise each risk item
- Assess whether risk issues can be managed by environmental protection measures, and
- Qualitatively evaluate residual risk with implementation of measures.

A summary of the construction phase elements and corresponding potential environmental hazards/risks is below in Table 4.

CONSTRUCTION PHASE ELEMENT	POTENTIAL ENVIRONMENTAL HAZARD/RISK	SOURCE OF HAZARD/RISK
1. Reconstruct basin walls within perimeter drain using graded rock.	- Water Contamination	- Pollutant run-off from site during construction in a greater than 90% 5-day rainfall event.
2. Removal of vegetation within sediment basin and perimeter drain.	- Water Contamination	- Pollutant run-off infiltration to substrate during construction in a greater than 90% 5-day rainfall event.
3. Sealing of sediment basin and perimeter drain.	- Water Contamination	- Pollutant run-off infiltration to substrate during construction in a greater than 90% 5-day rainfall event.
4. Sealing of segregated heavy wastes and stockpile area 5. Creation of concrete bund walls around 'potentially contaminating wastes area'. 6. Installation of three stage pit and holding tanks.	- Water Contamination	- Pollutant run-off during construction in a greater than 90% 5-day rainfall event.
7. Installation of a visible marker in the sediment basin to show required freeboard.	*None*	*None*
8. Provision and marking of 25 on-site parking spaces (including two accessible spaces).	- Water Contamination - Air Pollution	- Paint spill run-off in surface water if painting within 1 hour of a rainfall event. - Paint fume discharge to air.
9. Installation of outbound wheel wash behind the exit weighbridge.	- Water Contamination	- Pollutant run-off during construction.
10. Relocation of Diesel Tank and addition of awning.	- Water Contamination	- Diesel spill run-off in surface water if tank is ruptured during relocation.
11. Installation of meteorological station	*None*	*None*

Table 4 – Potential Environmental Hazards/Risks

Appendix B of this document contains a more detailed Environmental Risk Register (including risk matrix) for the various elements of the construction phase noted above.

During construction works on site, various environmental management practices and procedures will be employed in addition to the controls detailed in Appendix B, to mitigate the potential hazards/risks highlighted in Table 4.

Sections 4 and 5 provide detail on the management, monitoring and recording procedures as well as the roles and responsibilities of relevant employees to be adopted throughout the construction works. These procedures are designed to address any identified adverse environmental impacts that may arise during the construction activities on site.

4.1 SURFACE WATER MANAGEMENT

As stated in Section 3.3, construction works will take place entirely within the existing boundaries of the site and the existing surface water management system, which captures runoff from all active areas of the site, will continue to function throughout the duration of the construction works. Table 4.1 below outlines the surface water management practices and procedures to be adopted during construction works.

Any controlled discharge from the sedimentation basin during construction works must comply with the water quality criteria specified under the EPL and be discharged from the sediment basin at the licensed discharge point.

SURFACE WATER MANAGEMENT (SWM)		
Primary Environmental Goal		• Stormwater gathered by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals		• Assuring quality of operations • Preventing degradation of local amenity • Adequate staffing and training
PROCEDURES		
SWM 1	Surface Water	Stormwater gathered on site shall be managed to ensure it is not contaminated and limiting in sediment.
SWM 2	Surface Water Management	Surface Water during construction will be managed: • In accordance with the Erosion and Sedimentation Control Plan (ESCP) contained in Appendix D • In accordance with the existing site Environmental Management Plan • In accordance *Managing Urban Stormwater: Soils and Construction Guideline Volume 1 4th edition* ("The Blue Book") (Landcom 2004)
SWM 3	Monitoring	Construction surface water management measures will be monitored in accordance with the ESCP including daily inspections of the sedimentation controls.
SWM 4	Recording	Records of surface water complaints are to be kept in MWRF's record system for at least four years.
SWM 5	Responsibility	Site Operator/construction contractor is responsible for: • Monitoring construction surface water structures daily

		• Removal of litter from the surface water drainage systems • Reporting issues to the Site Leading Hand/Supervisor Site Leading Hand/Supervisor is responsible for: • Regular monitoring for damage to the construction surface water management structures • Regular monitoring of sedimentation basin and associated structures • Regular monitoring of sediment volumes and removal when required • Regular monitoring of litter build-up in or on the surface water drainage structures • Coordinating the repair of surface water management structures Site Manager is responsible for: • Implementing this procedure • Auditing the site on a regular basis to ensure compliance with the CEMP • Ensuring that the nominated officers have been trained in the requirements of this procedure.

Table 4.1 – Surface Water Management

4.2 DUST CONTROL

Condition B54 of the SDD approval stipulates all reasonable steps must be taken to minimise dust generated during all works authorised by this consent.

During normal hours of operation, the site is monitored for dust generation particularly during busy or windy (dry) days and control activities implemented as required.

It is anticipated that the most likely source of potential dust associated with the construction works will be from excavation works related to the installation of the three stage pit and the wheel wash. Should generation of dust be an issue during these minor excavation works; the site's water cart which is currently used on site for dust suppression will ensure that no dust is generated.

Additionally, excavation works carried out during the construction will be carried out in accordance with the *Site Management Plan for Subsurface Disturbance Activities* (2 October 2009) prepared by AECOM for the former occupier of the site Delta EMD Australia Pty Ltd upon cessation of their operations. This document has been included in Appendix C.

Table 4.2 below outlines the dust control practices and procedures to be adopted during construction works:

DUST CONTROL (DC)		
Primary Environmental Goal		• Dust generated by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals		• Assuring quality of operations • Adequate staffing and training • Providing and maintaining a safe work environment
PROCEDURES		
DC 1	Dust Control	The site is monitored for dust generation during busy or windy days and control activities implemented as required.
DC 2	Dust Management	Dust generation will be controlled by: • Dust suppressants will be used as required to prevent particulate emissions from construction activities • Construction trucks and vehicles entering and leaving the development that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading • All construction activities must be carried out in a manner which minimises the emissions of air pollutants from the development • Construction works will be carried out progressively to minimise exposed surfaces • Stockpiled excavated material for the installation of the three stage pit will be covered (not watered down) in accordance with the *Site Management Plan for Subsurface Disturbance Activities* (AECOM 2009).
DC 3	Monitoring	Dust generation will be monitored by: • Regular site monitoring by the Site Leading Hand/Supervisor • Dust complaints received Any dust complaints received are to be referred to the Site Leading Hand/Supervisor and to the Site Manager.
DC 4	Recording	Records of dust complaints are to be kept in MWRF's record system for at least four years.
DC 5	Responsibility	Site operation and construction contractors are responsible for: • Managing vehicle speed movements • Restricting construction activities during periods of strong wind • Utilising spray systems when required for construction activities • Arranging or street sweeping of hardstand/roads when required • Arranging for watering of the pavement to reduce dust when required • Monitoring of construction erosion and sediment controls Site Leading Hand/Supervisor is responsible for:

		• Regular monitoring of the dust levels at the facility • Completion of a complaint form if dust complaint is received • Coordinating with the Site Manager to ensure the complaint is investigated Site Manager is responsible for: • Implementing this procedure • Auditing the site on a regular basis to ensure compliance with the CEMP • Coordinating investigation of the dust complaint with the Site Leading Hand/Supervisor • Documenting the results of the investigation and actions • Maintaining the records of the dust complaints • Liaison with the complainant regarding the steps to be taken to minimise further dust where appropriate • Ensuring that the nominated officers have been trained in the requirements of this procedure.

Table 4.2 – Dust Control

4.3 NOISE AND VIBRATION CONTROL

Whilst each element of the construction phase has the potential to generate noise and/or, the noise and/or vibration levels are anticipated to be no greater than those currently generated during the course of normal operations.

Results of quarterly noise monitoring since May 2016 when the site commenced operations demonstrate that site generated noise is inaudible at the various nominated monitoring points (sensitive receivers). Nevertheless, the noise control practices and procedures outlined in Table 4.3 below will be adopted during construction works.

NOISE CONTROL (NC)		
Primary Environmental Goal		• Noise generated by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals		• Assuring quality of operations • Preventing degradation of local amenity • Compliance with EPL noise limits and SDD Approval • Providing and maintaining a safe working environment
PROCEDURES		
NC 1	Noise and Vibration Control	The site is currently monitored for noise generation. Construction noise on site must be carried out within the noise limits prescribed in the EPL (refer Appendix F). Vibration caused by the construction at any residence or structure outside the site must be limited to a) for Structural damage, German Standard DIN 4150 Part 3 Structural Vibration in buildings and b) for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation

		2006).
NC 2	Noise and Vibration Management	Noise will be controlled by: • Construction Activities will be carried out only within the hours prescribed by Condition B62 of the consent being Monday to Friday 7 am to 6 pm and Saturdays 8 am to 1 pm. No construction work is to be carried out on Sundays or public holidays. • Implementing best practice, including all reasonable and feasible noise management and mitigation measures to minimise construction noise • Minimise construction noise impacts during adverse meteorological conditions • Maintaining the effectiveness of any noise suppression equipment on construction plant • Ensuring that plant and equipment are operated such that the noise centre is no higher than the solid boundary fences or stockpiles • Limiting machinery used to that which meets noise generation guidelines for this type of operation • The correct operation and maintenance of machinery
NC 3	Monitoring	Noise will be monitored by: • Regular site monitoring by the Site Leading Hand/Supervisor • Noise complaints received Any noise complaints received are to be referred to the Site Leading Hand/Supervisor and to the Site Manager.
NC 4	Recording	Records of noise complaints are to be kept in MWRF's record system for at least four years.
NC 5	Responsibility	Site Operators and construction contractors are responsible for: • Correct maintenance and operation of construction machinery • Restricting plant operations to within the following times: 7:00am to 6:00pm Monday to Friday 8:00am to 1:00pm Saturday Site Leading Hand/Supervisor is responsible for: • Regular monitoring of noise levels at the facility • Ensuring that the machinery used is correctly maintained and operated • Completion of a complaint form if a noise complaint is received • Coordinating with the Site Manager to ensure the complaint is investigated Site Manager is responsible for: • Implementing this procedure • Auditing the site on a regular basis to ensure compliance

		with the CEMP • Coordinating investigation of the dust complaint with the Site Leading Hand/Supervisor • Documenting the results of the investigation and actions • Maintaining the records of the noise complaints • Liaison with the complainant regarding the steps to be taken to minimise further noise where appropriate • Ensuring that the nominated officers have been trained in the requirements of this procedure.

Table 4.3 – Noise Control

4.4 SPILL MANAGEMENT

The construction activities surrounding the relocation of the diesel tank and the line-marking for parking spaces are the two elements which pose the greatest risk of potential spills.

Spill management practices and procedures as outlined in Table 4.5 below will be adopted during construction works to mitigate any potential spills on site during construction works.

Should there be a need to remove any material affected by a spill, removal of that material will be carried out in accordance with the *Site Management Plan for Subsurface Disturbance Activities* (2 October 2009) prepared by AECOM for the former occupier of the site Delta EMD Australia Pty Ltd upon cessation of their operations (refer Appendix B).

SPILL MANAGEMENT (SM)		
Primary Environmental Goal		• Stop any spillage of substances from affecting the site and its surrounds
Related Environmental Goals		• Assuring quality of operations • Preventing unauthorised entry • Preventing degradation of local amenity • Adequate staffing and training • Providing and maintaining a safe working environment
PROCEDURES		
SM 1	Spill Management	The facility is regularly assessed to determine the level of risk of materials spill that may adversely affect the site and its surrounds. During construction, all dangerous goods as defined by the Dangerous Goods Code, will be stored and handled strictly in accordance with the all relevant Australian standards and the Environment Protection Manual for Authorised for authorised Officers: Bunding and Spill Management, technical bulletin (EPA 1997).
SM 2	Spill Prevention	The potential for spills will be minimised by: • A minimum bund volume of 110% will be used for the storage of fuels, oils and lubricants used during construction • Re-fuelling operations of plant to be undertaken by suitably trained personnel • Ensuring all plant and equipment used during construction

		must be maintained and operated in a proper manner • Provision of spill kits and training of personnel in their use • Consultation with the NSW Fire Brigade • Any servicing or repair work of construction machinery is to be carried out within an appropriately bunded and sealed area
SM 3	Incident Reporting	All spills that occur on the site shall be reported using MWRF's Incident Reporting Procedure.
SM 4	Responsibility	Site Operator is responsible for: • Reporting any spill to the Site Leading Hand/Supervisor • Taking immediate steps to minimise the spill utilizing the spill kit and machinery on site Site Leading Hand/Supervisor is responsible for: • Regular monitoring of the potential for spills at the facility • Ensuring the spill containment resources are available, operable and adequately maintained to ensure their effectiveness • Coordinating the clean-up of the site after the spill Site Manager is responsible for: • Implementing this procedure • Auditing of the availability and operability of spill containment resources provided on site • Restoring the site to full operation in accordance with the CEMP after removal of the spill • Completion of the incident report • Ensuring that the nominated officers have been trained in the requirements of this procedure

Table 4.4 – Spill Management

4.5 TRAFFIC CONTROL

4.5.1 ONSITE TRAFFIC CONTROL

Construction works will generally be run in parallel with normal operations. As such, a staged approach to completing each element of construction will be necessary.

All vehicle movements onsite will be restricted to designated traffic routes marked out by appropriate signage and barricading/fencing where necessary. Traffic management on site will be planned, reviewed and accordingly modified with each stage of construction, to ensure that day-to-day operations are not adversely impacted, and safe operating conditions remain in place at all times.

Where existing stockpiles will require relocating to facilitate construction works, traffic management measures will be modified with construction areas demarcated and traffic routes adjusted.

4.5.2 OFF SITE TRAFFIC CONTROL

Construction heavy vehicles travelling to and from the site are not permitted to access Werribi Street, Mayfield West as required by consent condition A12. Within the Steel River industrial estate, construction heavy vehicles are to access the site via Steel River Boulevard and McIntosh Drive, with no heavy vehicles permitted to travel along Murray Dwyer Circuit.

In accordance with consent condition B44 Benedict Recycling will minimise the impact of the site's access road by continue to maintain the access road between McIntosh Drive and the Recycling Facility site during construction and operation in a fit and proper condition and to a suitable standard, repairing it when required at no cost to Ausgrid. This will include repairing any minor areas of surface rutting using 50 mm hot mix asphalt. Trucks will not be allowed to queue on the access road between McIntosh Drive and the Recycling Facility site.

4.6 WASTE MANAGEMENT

The minor scope of construction works as approved under the SDD Approval (refer Section 3.2) will not generate substantial quantities of waste. Minor amounts of vegetation waste will be generated through the proposed perimeter drain works and minor amounts of general construction waste such as excess concrete or asphalt will be generated during sealing of the site and surface water infrastructure.

Waste generated during construction will be classified in accordance with the Waste Classification Guidelines (EPA 2014). Waste classed as General Solid Waste (non-putrescible) will be recycled on site. This will include all light wastes and rubbish generated from construction workers (such as food and beverages packaging). This light waste will be sent to the existing main processing shed. Construction waste unable to be recycled will be removed to the nearest licensed facility. All construction waste will be stored wholly within the designated waste stockpile area and if to be removed from site, loaded in the designated loading area.

In addition, approximately 48m^2 of soil will be excavated for the installation of the three stage pit. The works supervisor would designate a hardstand area adjacent to the proposed pit installation, to allow for stockpiling of the potentially contaminated excavated material. This material will be appropriately bunded to prevent surface run off from entering adjacent areas. Excavated material not backfilled will be sampled and classified prior to disposal to an appropriately licensed landfill in accordance with the Waste Classification Guidelines (refer Section 5.2 below which details the protocol for unexpected contamination finds). In the unlikely event, there is any run off from the excavated soil stockpile, this will be collected and sampled prior to either discharge to the site drainage system or removal to a facility licensed to accept liquid waste.

Waste classifications records for construction waste disposed from the site will be retained for the duration of site operations.

5 PROCEDURES AND PROTOCOLS

5.1 UNEXPECTED FINDS PROTOCOL

Given the contamination history of the site, the following unexpected finds protocol will be implemented to identify and manage potential contamination issues during excavation required for the three stage pit installation.

The management measures detailed within the *Site Management Plan for Subsurface Disturbance Activities* (2 October 2009) prepared by AECOM, will be implemented in accordance with the SDD Approval.

1. Upon discovery of suspected contamination, all construction works in the immediate vicinity are to cease, the site supervisor is to be notified and the area barricaded.
2. If the material can be isolated (ie through appropriate bunding), work may continue while the material is assessed.
3. The potentially contaminated material is to be removed and disposed of in accordance with the Waste Classification Guidelines. The notification and engagement of a qualified environmental consultant will be required to assess the nature and degree of potential contamination and assessment.
4. In accordance with SDD approval condition B79 any material identified as contaminated must be disposed off-site, with the disposal location and results of testing submitted to Council, prior to its removal from the site.
5. If the material is suspected to be asbestos material, the area is to be kept wet and management practices implemented in accordance with the SafeWork NSW Code of Practice, *How to Manage and Control Asbestos in the Workplace, Code of Practice (SafeWork NSW 2016).* If appropriate, the material will be covered to prevent dust generation, pending final management.
6. If the find is actual ASS or potential ASS, a suitably qualified consultant is to be engaged to manage the ASS in accordance with the *National Guidance for the Management of Acid Sulfate Soils in Inland Aquatic Ecosystems (EPHC and NRMMC 2011)*.
7. Unexpected finds are to be documented throughout the unexpected finds process. This will include date(s); location(s); persons involved and remedial actions.
8. Once the area is remediated and validated, construction works will recommence.
9. Any required remediation will be directed by the Site Manager with supervision from a qualified Environmental Consultant depending on the type and extent of contamination

5.2 UNEXPECTED ABORIGINAL FINDS PROTOCOL

With approximately 10 metres of slag fill material in place across the site (deposited from the former BHP Steel works), it is extremely unlikely that any unexpected finds will be encountered, particularly given the shallow depth of excavation required. Notwithstanding this, should aboriginal objects be uncovered during construction work in the immediate area, work will stop and the Regional Operations Group of OEH, Council and the Registered Aboriginal Parties will be consulted

5.3 COMPLAINTS HANDLING PROCEDURE

Any complaints arising from the constructions works will be handled and responded to in line with the existing complaints handling procedure/process already in place for the operation.

Complaints handling will be managed generally in accordance with the procedures as detailed below in Table 5.1.

COMPLAINTS HANDLING (CH)		
Primary Environmental Goal		• Environmental problems identified complaints are investigated and acted upon if required
Related Environmental Goals		• Preventing degradation of local amenity • Assuring quality of operations • Adequate staffing and training • Providing and maintaining a safe work environment
PROCEDURES		
CH 1	Reporting	Complaints received from an outside party shall be reported immediately to the Site Leading Hand/Supervisor and the Site Manager
CH 2	Investigations	Any complaint received will be investigated including: • The cause of the complaint • The climatic conditions at the time of the incident which is the cause of the complaint • If known, the date and time the incident took place • The occurrence of similar complaints in the past • Actions taken in the past to overcome future complaints
CH 3	Recording	Details of the complaint received, investigations and actions taken are to be recorded on MWRF's complaints register, updated on a monthly basis and published on the company website. Records of complaints are to be kept for at least four (4) years.
CH 4	Responsibility	Site Operator or construction contractor is responsible for: • Reporting any complaint received from an outside party to the Site Leading Hand/Supervisor • Complying with OH&S policies and procedures • Complying with the procedures and practices outlined in the EMP Site Leading Hand/Supervisor is responsible for: • Regular monitoring of management and operations to ensure compliance with this procedure • Ensuring all staff conduct themselves in a safe manner and in accordance with OH&S policies and procedures • Carrying out tasks in a safe manner and in accordance with the procedures in which he/she has been trained • To ensure that all staff working on the site are able to perform their duties in a safe and competent manner Site Manager is responsible for: • Implementing this procedure • Auditing the site on a regular basis to ensure compliance with OH&S policies and procedures • Auditing the site on a regular basis to ensure compliance

		with the EMP • Ensuring all staff employed at the facility have been trained in OH&S policies and procedures • Ensuring that the nominated officers have been trained in the requirements of this procedure

Table 5.1 – Complaints Handling

5.4 ENVIRONMENTAL INCIDENTS PROTOCOL

Despite having identified and risk assessed potential environmental hazards for the site and developed a series of pre-emptive actions to mitigate them, there remains the possibility of adverse environmental impacts during the construction works. As such, it is necessary to monitor environmental performance and have a plan in place to address any adverse environmental impacts which may arise.

5.4.1 RESPONSE TO ENVIRONMENTAL INCIDENTS

In the event that adverse environmental impacts were to arise during the construction works, the response actions listed in Table 4.8 below will be taken.

Adverse Environmental Impact	Response Actions to Address
Water Pollution	• Isolate and contain the activity/spill. • Maintain erosion and sediment controls. • Activate Pollution Incident Response Management Plan (PIRMP) if required. • Engage external resources where necessary. • Re-instate any pollution controls/repair equipment. • Legally dispose of any contaminated water.
Air Pollution	• Isolate and contain the source of the emission/odour. • Activate Pollution Incident Response Management Plan (PIRMP) if required. • Re-instate any pollution controls/repair equipment.
Noise Pollution	• Isolate and contain the source of the noise. • Activate Pollution Incident Response Management Plan (PIRMP) if required. • Re-instate any pollution controls/repair equipment.

Table 5.2 – Pollution Incident Response

A condition of the site's Environment Protection Licence (EPL) is that the PIRMP is routinely tested on an annual basis and reviewed annually or within one (1) month of any pollution incident occurring. Appendix E contains a Pollution Incident Response flowchart which forms part of the site PIRMP.

5.4.2 INCIDENT REPORTING

Incident Reporting will be managed generally in accordance with the procedures as detailed below in Table 5.3.

INCIDENT REPORTING (IR)		
Primary Environmental Goal		• Reporting incidents so that potential environmental hazards are identified
Related Environmental Goals		• Preventing pollution of water • Management of stormwater • Management of wastewater • Prevention of degradation of local amenity • Preventing unauthorised entry • Adequate fire fighting capacity • Adequate staffing and training • Providing and maintaining a safe working environment
PROCEDURES		
IR 1	Internal Reporting	In all cases where an incident or accident occurs which has the potential to harm the environment the incident is to be reported immediately to the Site Leading Hand/Supervisor and the site PIRMP is to be followed.
IR 2	External Reporting	The EPA and the Secretary are to be advised of any incident that poses a threat to the environment immediately after becoming aware of the incident. The incident is to be reported to the EPA by telephoning: • **EPA Pollution Hotline: 131 555** A detailed report on the incident is to be forwarded to the Secretary and any relevant agencies within 7 days of the date of the incident. **NOTE: The external reporting requirement does not apply when the harm or potential for harm is permitted for the site.**
IR 3	Reportable Incidents	Reportable incidents include: • Dumping of a prohibited waste on site • Failure of the sediment pond • Any other incident or observation that could pose an immediate environmental hazard that is not characteristic of the normal operations of the facility.
IR 4	Incident Reports	Following containment and/or amelioration of the incident, an Incident Report is prepared. This report is to be recorded on MWRF's record system and should include: • Time and date the incident occurred • Party recording the incident • Nature, details, location and cause of the incident • Duration of the incident • Actions to be taken to contain and/or ameliorate the effects of the incident • Name, addresses and telephone numbers of witnesses to the incident • Actions that could be taken to minimise the risk of such incident recurring Records of the incident are to be kept for at least four years.

		Site Operator is responsible for: • Reporting any incident or advice related from an outside party of an incident to the Site Leading Hand/Supervisor • Take immediate steps where practical to contain and/or ameliorate the effects of the incident Site Leading Hand/Supervisor is responsible for: • Advise the Site Manager of the incident • Coordinate with the Site Manager to act on the incident Site Manager is responsible for: • Implementing this procedure • Completion of an incident report form • Ensuring that where required the incident and all relevant details of the incident and the actions are reported to the EPA • Ensuring that the nominated officers have been trained in the requirements of this procedure.

Table 5.3 – Incident Reporting

6 ROLES AND RESPONSIBILITIES

Construction works associated with the Development will be carried out by both company employees and contractors as necessary. Where construction elements are carried out by company employees, the typical roles and responsibilities are described in Table 5.1 below.

Relevant Employee	Role/Responsibility
Site Manager	• Ensure all employees and construction contractors are made fully aware of their obligations with respect to the practices and procedures of the CEMP and SDD Approval conditions. • Provide all employees and construction contractors with appropriate training including site inductions, tool box talks to ensure awareness and compliance with relevant requirements and conditions of SDD approval and EPL. • Audit site during construction works to ensure compliance with the CEMP. • Investigate any environmental complaints and liaise with complainants regarding the steps to be taken to minimise potential impacts of construction activities. • Maintain records of any environmental complaints.
Site Supervisor	• Co-ordinate and supervise activities of construction contractors and site employees and contractors including the establishment and maintenance of erosion and sediment controls. • Daily inspection of the erosion and sediment controls around construction works.

	• Conduct training/tool box talks as necessary to ensure compliance with approval conditions. • Monitor construction works for any impacts on Air/Water/Noise pollution and general environmental performance. • Advise Site Manager of any environmental/pollution incidents. • Co-ordinate with the Site Manager to act on any environmental incidents.
Site employee/construction contractor	• Carry out construction work in accordance with this CEMP and relevant conditions of SDD approval • Report any environmental incidents to Supervisor. • Take immediate steps where practical to contain and/or ameliorate the effects of any environmental incident.

Table 6 – Roles and Responsibilities

7 COMPLIANCE

7.1 COMPLIANCE

To track compliance with the conditions of project approval SSD 7698, a '*Compliance Register Table*' has been created and attached in Appendix A. As per C9 of the SDD 7698 approval, the annual review will identify any non-compliance in relation to this CEMP and construction activities and what actions were taken.

7.2 ACCESS TO INFORMATION

In accordance with Condition C15 of SDD7698, this CEMP will be published on the Benedict Recycling website: www.benedict.com.au. Other information relevant to the construction activities published on the website will include the SDD 7698 development consent, complaints register and annual review.

APPENDIX A

Compliance Register

Condition	Requirement	Where Addressed in CEMP
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development, and any rehabilitation required under this consent.	Demonstrated throughout CEMP, particularly Section 4 which has incorporated all of the relevant Management and Mitigation Measures detailed in Appendix B of the SDD Approval.
A2	The Development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with the directions of the Secretary; (c) in accordance with the EIS, RTS and Amended Application; (d) in accordance with development layout plans and drawings in the RTS and Amended Application (see Appendix A); and (e) in accordance with the management and mitigation measures (see Appendix B).	Detailed in Section 2, Table 2.1. Compliance of conditions demonstrated throughout CEMP.
A3	Consistent with the requirements in this consent, the Secretary may make written directions to the Applicant in relation to: (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Secretary; and (b) the implementation of any actions or measures contained in any such document referred to in (a) above.	N/A
A4	The conditions of this consent and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c), A2(d) and A2(e). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c), A2(d) and A2(e) the most recent document prevails to the extent of the inconsistency, ambiguity or conflict. Note: For the purposes of this condition, there will be an inconsistency between documents if it is not possible to comply with both documents, or in the case of a condition of consent or direction of the Secretary, and a document, if it is not possible to comply with both the condition or direction, and the document.	N/A
A5	This consent lapses five years after the date from which it operates, unless the Development has physically commenced on the land to which the consent applies before that date.	N/A

A6	The Applicant must not receive or process on site more than 315,000 tonnes per year of general solid waste (non-putrescible).	N/A - Operations
A7	A7. The Applicant must not: (a) crush more than 71,000 tonnes per year of waste; and (b) shred more than 5,400 tonnes per year of timber.	N/A – Operations
A8	The amount of waste stored on site at any one time must not exceed 53,733 tonnes.	N/A – Operations
A9	This consent does not permit any areas of the site to be leased to third parties for storage purposes or approval of any portion of the site as a storage premises.	N/A- Operations
A10	The Applicant shall aim to achieve a recycling rate of 95% of all waste and a disposal rate of not more than 5% to landfill	N/A – Operations
A11	Stockpiles of waste and recycled product on-site must not be more than seven (7) metres in height when measured from the finished ground level of the site.	N/A – Operations
A12	Heavy vehicles are not permitted to access Werribi Street.	Section 4.5
A13	The date of commencement of each of the following phases of the Development must be notified to the Department in writing, at least one month before that date: (a) construction; NSW Government 2 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (b) operation; (c) cessation of operations; and (d) decommissioning.	Section 2, Table 2.1.
A14	If the construction or operation or decommissioning of the Development is to be staged, the Department must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the Development to be carried out in that stage.	N/A
A15	With the approval of the Secretary, the Applicant may: (a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the Development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and (c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the Development).	N/A - Operations
A16	If the Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	N/A - Operations
A17	If approved by the Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.	N/A - Operations
A18	The Applicant must retain all weighbridge records as required by the POEO (Waste) Regulation and for the life of the Development. The weighbridge records must be made immediately available on request by the Secretary and/or the EPA.	N/A - Operations

A19	The Applicant must retain waste classification records for all wastes received on the site and waste disposed from the site for the life of the Development. The waste classification records must be made immediately available on request by the EPA and/or the Secretary.	Section 4.6
A20	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document to the Secretary for approval; and (b) provide details of the consultation undertaken including: (i) a description of how matters raised by those consulted have been resolved to the satisfaction of both the Applicant and the party consulted; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Other than DPE consultation and endorsement, no consultation required for the preparation or implantation of the CEMP. Section 4.7 details
A21	The Applicant must ensure that all licences, permits and approval/consents are obtained as required by law and maintained as required throughout the life of the Development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approval/consents.	All necessary approvals required for the construction of the approved project have been obtained.
A22	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the Development, must be constructed in accordance with the relevant requirements of the BCA.	Proposed awning over the diesel tank will be installed in accordance with the relevant requirements of the BCA.
A23	Prior to the commencement of the operations, the Applicant must obtain a Building Information Certificate from Council in accordance with Division 6.7 of the Environmental Planning and Assessment Act 1979. Note: • Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. • Part 8 of the EP&A Regulation sets out the requirements for the certification of the Development.	An application for a construction certificate for the work has been lodged with a Principal Certifier.
A24	Prior to the construction of any utility works associated with the Development, the Applicant must obtain relevant approvals from service providers	N/A – no construction of utility works required.
A25	Before the commencement of construction, the Applicant must: (a) consult with the relevant owner and provider of services that are likely to be affected by the Development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure; (b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters and footpaths); and (c) submit a copy of the dilapidation report to the Secretary and Council.	N/A – no construction of utility works required.
A26	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the Development; and (b) relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the Development.	N/A – no construction of utility works required.
A27	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the	Section 5

	Development.	
A28	Prior to the commencement of the operations, a contribution must be paid to Council in accordance with Section 7.12 of the EP&A Act, in particular the City of Newcastle Section 94A Development Contributions Plan 2009 (Updated July 2017) (adjusted on a quarterly basis (from the date of this consent), to account for movements in the Australian Bureau of Statistics Consumer Price Index – Building Construction (NSW)). A receipt for the payment to Council of the Section 7.12 Levy Contributions must be submitted to the Secretary prior to the commencement of the operations. Note: The Section 7.12 Levy as determined at the date of this consent is $3938.69	N/A - operations
A29	All plant and equipment used on site, or to monitor the performance of the development must be: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner	Section 4.4
A30	Prior to the commencement of operations and in order for the development of land to proceed in a coordinated and orderly manner and to avoid potential conflicts with this consent, the Applicant must modify DA2015/0291 (described in Table 1) pursuant to Section 4.17(1)(b) of the Environmental Planning and Assessment Act 1979 and Clause 97 of the Environmental Planning and Assessment Regulation 2000 such that the recycling facility including acceptance of up to 90,000 tonnes per annum of waste (pre-classified general solid wastes (non-putrescible waste)) is removed from the development consent.	N/A - operations
B1	All waste materials removed from the site must only be directed to a waste management facility or premises lawfully permitted to accept the materials.	Section 4.6
B2	Waste generated outside the site must not be received at the site for storage, treatment, processing, reprocessing, or disposal, except as expressly permitted by an EPL.	N/A - operations
B3	The Applicant must record the amount of waste (in tonnes) received at the site on a daily basis.	N/A - operations
B4	The Applicant must retain all sampling and waste classification data for the life of the Development in accordance with the requirements of the EPA.	N/A - operations
B5	No biochar production or storage is approved under the terms of this consent	N/A - operations
B6	The Applicant must only receive waste on site that is authorised for receipt by an EPL.	N/A - operations
B7	The Applicant must ensure any waste generated on the site during construction and from general office activities is classified in accordance with the EPA's Waste Classification Guidelines, 2014 or its latest version, and disposed of to a facility that may lawfully accept the waste.	Section 4.6
B8	B8. Loads predominantly containing glass are not permitted to be crushed at the site.	N/A - operations
B9	The Applicant must: (a) implement auditable procedures to: (i) ensure the site does not accept wastes that are prohibited; and (ii) screen incoming waste loads. (b) ensure that: (i) all waste types that are controlled under a tracking system have the appropriate documentation prior to acceptance at the site; (ii) all waste received at the site must be recorded in accordance with clause 27 of the POEO (Waste) Regulation; (iii) details of the quantity, type and source of wastes received on the site must be provided to the EPA and the Secretary when requested; and (iv) staff	N/A - operations

	receive adequate training in order to be able to recognise and handle any hazardous or other prohibited waste including asbestos.	
B10	The Applicant must assess and classify all liquid and non-liquid wastes to be taken off site in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste, November 2014, or its latest version and dispose of all wastes to a facility that may lawfully accept the waste.	Section 4.6.
B11	All waste must be: (a) stored wholly within the designated waste stockpile areas. (b) loaded and unloaded within the designated loading and unloading areas.	Section 4.6
B12	From the commencement of operations, the Applicant must implement a Waste Monitoring Program for the Development. The program must: (a) be prepared by a suitably qualified and experienced person(s) prior to the commencement of operations; (b) include suitable provision to monitor the: (i) quantity, type and source of waste received on site; (ii) type of waste and the material crushed and shredded on site; (iii) quantity, type and quality of the outputs produced on site; and (iv) number of days crushing has occurred per calendar year. (c) ensure that: (i) all waste that is controlled under a tracking system has the appropriate documentation prior to acceptance at the site; and (ii) staff receive adequate training to be able to recognise and handle any hazardous or other prohibited waste including asbestos.	N/A - operations
B13	Prior to the commencement of operations, the Applicant must prepare a Waste Management Plan (WMP) for the Development to the satisfaction of the Secretary. The WMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The WMP must: (a) detail the type and quantity of waste to be received during operation of the Development; (b) include details of stockpile limits in the incoming waste receival area and waste storage areas; (c) include procedures for ensuring no build-up of waste will occur in the incoming waste receival area during unexpected machinery breakdown and 24-hour waste receival for major infrastructure projects; and (d) details the requirements for non-conforming waste handling and removal.	N/A - operations
B14	The Applicant must: (a) not commence the operations until the Waste Management Plan required by Condition B13 is approved by the Secretary; and (b) implement the most recent version of the Waste Management Plan approved by the Secretary	N/A - operations
B15	The Applicant must: (a) implement suitable measures to manage pests, vermin and declared noxious weeds on the site; and (b) inspect the site on a regular basis to ensure that these measures are working effectively, and that pests, vermin or noxious weeds are not present on site in sufficient numbers to pose an environmental hazard, or cause the loss of amenity in the surrounding area. Note: For the purposes of this condition, noxious weeds are those species subject to an order declared under the Noxious Weed Act 1993.	N/A - operations

B16	Prior to the commencement of construction, the Applicant must install and maintain suitable erosion and sediment control measures on-site, in accordance with the relevant requirements in the latest version of the Managing Urban Stormwater: Soils and Construction Guideline and the Erosion and Sediment Control Plan included in the CEMP required by Condition C1.	Section 4.1 and Appendix D
B17	The Development must comply with Section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided in an EPL.	Section 2, Table 2.1
B18	Any discharge or water quality criteria specified under the EPL must be complied with.	Section 4.1 and Appendix D
B19	Surface water must only be discharged from the location specified in the EPL.	Section 4.1 and Appendix D
B20	Overland flow from the Development must be contained within the sealed areas of the site.	Section 4.1 and Appendix D
B21	Any spills must be contained and disposed of at a licensed facility.	Section 4.5
B22	Any servicing or repair work on motor vehicles or mobile plant is to be carried out within a sealed area that has environmental controls appropriate for servicing or repair work. This must include bunding where there this work could result in liquids being spilled.	Section 4.5
B23	The floor of the truck wash is to be suitably graded and or bunded across the external door openings to prevent the escape of stored materials, process water or spilt liquids.	N/A operations
B24	All excess water from the truck wash and wheel wash is to be discharged into suitable holding tanks and removed from the facility for treatment at an appropriately licensed facility or via trade waste.	N/A operations
B25	Prior to the commencement of operations, the Applicant must design, install and operate a surface water management system for the Development. The system must: (a) be designed and constructed by a suitably qualified and experienced person(s) endorsed by the Secretary; NSW Government 6 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (b) be generally in accordance with the conceptual design in the RTS, the letter titled Mayfield West Recycling Facility (SSD 7698) – Water Assessment, dated 8 September 2017 prepared by EMM and applicable Australian Standards; (c) ensure that the system capacity has been designed in accordance with Australian Rainfall and Runoff (Engineers Australia, 2016) and Managing Urban Stormwater: Council Handbook (EPA, 1997); (d) include detention basins with a minimum capacity to contain the 90th percentile rainfall over any consecutive 5 day period in accordance with Managing Urban Stormwater - Soils and Construction Vol. 2B: Waste landfills (Department of Environment and Climate Change NSW, 2008). The wet weather capture capacity requirements of the sediment basins and water treatment system may be modified by the EPL subject to the required surface water characterisation (Condition B33); (e) ensure vegetation within the sediment basin and perimeter drain has been removed and the surface water infrastructure has been sealed to prevent surface water infiltration to groundwater; and	Section 3.2.1, Appendix G

	(f) bund any potentially contaminating waste, any surface water leaving this area must be directed to the three-stage pit or equivalent for treatment, the water must then be directed to holding tanks for testing and depending on its quality either discharged to the perimeter drain or sewer as trade waste see Appendix A.	
B26	The Applicant must provide a Compliance Certificate to the Secretary prior to the commencement of operations, that confirms the surface water management system has been designed and installed as per the requirements of Condition B25 and the alterations will not impede or divert natural surface water runoff so as to cause a nuisance to adjoining properties.	N/A operations
B27	Prior to the commencement of operations, works-as-executed drawings signed by a registered surveyor must be submitted to the certifying authority demonstrating that the stormwater drainage and finished ground levels have been constructed as approved.	N/A operations
B28	The surface water management system must be operated and maintained for the duration of the Development.	N/A operations
B29	The Applicant must maintain the surface water management system to minimise the infiltration of surface water to groundwater. This includes inspecting the infrastructure monthly for cracking and vegetation break through, removing the vegetation and sealing the infrastructure. Any maintenance on the surface water management system must be undertaken by a suitably qualified and experienced person(s), a record of these works must be kept for the life of the Development.	N/A operations
B30	The Applicant must maintain the surface water detention basins on site with a minimum capacity to contain the 90th percentile rainfall over any consecutive 5-day period in accordance with Managing Urban Stormwater - Soils and Construction Vol. 2B: Waste landfills. The Managing Urban Stormwater series of document relate to clean sediment and therefore the wet weather capture and storage capacity requirements of the sediment basins and treatment systems may be modified by the EPL based on the required surface water characterisation (Condition B33).	N/A operations
B31	The Applicant must ensure that a visible marker is installed in the sediment detention basin in a position that shows the freeboard in the basin that equates to the volume required to contain all rainfall and runoff in the catchment from a 90th percentile rainfall event over any consecutive 5-day period.	Section 3.2
B32	All waste unloaded at the public hand unloading area must be unloaded and stockpiled underneath the public unloading awning or within the main processing building.	N/A operations
B33	B33. Prior to the commencement of operations, the Applicant must prepare a Surface Water Characterisation and Mitigation Plan (SWCMP) to the satisfaction of the Secretary to characterise the surface water and implement a mitigation plan, the SWCMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The SWCMP must: (a) be carried out by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with the EPA;	N/A operations

	(c) detail the triggers of when the pump which transfers surface water from the three-stage pit to the holding tanks would be activated; (d) detail the type and size of the bunding around the potentially contaminating waste area; (e) detail the frequency of overflows from the three-stage pit and sediment basin; (f) collect representative samples, including a minimum of four surface water samples from the sediment basin and the three-stage pit. The surface water samples must be analysed for the analytical suite identified in Table 3.16 of the RTS; (g) characterise the surface water for the entire development and detail the potential impact of discharges on receiving surface waters with reference to ANZECC (2000) assessment criteria; NSW Government 7 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (h) be based on the results of the surface water characterisation, investigate all practical alternatives to discharge and whether sediment basin sizing, at-source pollution controls, tertiary water treatment, water treatment plants and other treatment and reuse options are appropriate; (i) provide the Secretary with a timeframe for and implement the measures identified in sub-clause (h); (j) consider the human health risks associated with the surface water reuse process at the site; (k) include details of the maintenance procedures of the sediment basins and surface water infrastructure; (l) describe the procedures for maintaining vegetation along the perimeter drain and sediment basin; (m) establish an ongoing surface water monitoring program to validate the proposed mitigation measures. The surface water monitoring program must provide monitoring details of surface water flows, quality, storage and discharge limits; (n) identify measures for managing pollutant exceedances; and (o) identify contingency options to account for any mitigation measures that do not adequately address the site water pollution risks.	
B34	B34. The Applicant must: (a) not commence the operations until the SWCMP required by Condition B33 is approved by the Secretary: and (b) implement the most recent version of the SWCMP approved by the Secretary for the duration of the development.	N/A operations
B35	Within six months of the commencement of operations and following the management measures being implemented as per SWCMP (Condition B33), the Applicant must provide a Surface Water Validation Report (SWVR) to the satisfaction of the Secretary. The SWVR must: (a) be carried out by a suitably qualified and experienced expert whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with the EPA; (c) collect a minimum of four surface water samples from the sediment basin and four from the three-stage pit system;	N/A operations

	(d) characterise the surface water data (samples) and detail the potential impact of discharges on receiving surface waters with reference to ANZECC (2000) assessment criteria; (e) compare the results with the surface water characterisation in the SWCMP (Condition B33); (f) ensure surface water is being managed in accordance the EPL; (g) provide an assessment of the effectiveness of implemented mitigation measures; (h) if necessary, provide additional mitigation measures to control and/or treat all pollutants to ensure the ANZECC (2000) assessment criteria can be met including further storage or the installation of a water treatment plant; and (i) update the SWCMP to reflect any changes to the surface water management system.	
B36	Any alterations to the surface water management system identified in the SWVR must be implemented prior to any further controlled discharges occurring to the satisfaction of the Secretary.	N/A operations
B37	The Applicant must comply with any amended surface water quality criteria and discharge limits identified in the EPL	N/A operations
B38	Within 18 months of the commencement of operations, the Applicant must commission an independent Surface Water Audit of the Development to the satisfaction of the Secretary. The audit must: (a) be carried out by a suitably qualified and experienced expert whose appointment has been endorsed by the Secretary; (b) be conducted in consultation with the EPA; (c) audit the Development whilst it is in operation; (d) validate the development against the SWCMP required by Condition B33; (e) include a summary of any EPL water quality exceedances; (f) review the design and management practices of the Development against industry best practice for surface water; (g) include an action plan that identifies and prioritises additional surface water mitigation measures and/or treatment options that may be necessary to reduce surface water impacts; and (h) provide a further program of monitoring to address water quality issues that may emerge over time.	N/A operations
B39	Within three months of commissioning this audit, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report. The Applicant must comply with any reasonable requirement(s) of the Secretary arising from the Surface Water Audit.	N/A operations
B40	Within 12 months of the commencement of operations the Applicant must conduct a Groundwater Monitoring Program to the satisfaction of the Secretary. The program must: (a) be carried out by a suitably qualified and experienced expert in consultation with the EPA; (b) ascertain the potential for leakage of the sediment basin and perimeter drain to groundwater; (c) detail baseline data, groundwater levels and groundwater quality against the relevant criteria; (d) provide mitigation and contingency measures to prevent the sediment basins from leaking; and (e) identify a program for ongoing groundwater monitoring and reporting.	N/A operations
B41	Within three months of the completion of the Groundwater Monitoring Program, the Applicant must submit a copy of the Groundwater Monitoring Program as identified in Condition B40 to the Secretary and the EPA.	N/A operations
B42	As a minimum, the Applicant must ensure the 40,000 litre self-bunded diesel tank is managed as follows: (a) the tank must be installed in the centre of the site in accordance with Figure 3.1 of the RTS; (b) the tank must be installed in accordance with the relevant Australian Standards, must be above ground and be	Section 3.5

	protected against impact from heavy vehicles; (c) the refuelling area must be covered with an awning to minimise dirty water run-off; (d) overfilling of the tank must be prevented through gauging and monitoring of the tank's contents; (e) hoses used for transfer of diesel must be inspected weekly; (f) in an emergency, flow of liquid from the storage tank to a consuming device must be immediately shut off; (g) the shut off valve must comply with the relevant Australian Standard and be fire resistant; (h) the diesel tank and re-fuelling area must be bunded within an area of impervious hardstand; and (i) a diesel spill kit must be stored in the refuelling area and deployed in the event of a spill.	
B43	B43. To ensure that chemical spills and fire-water are contained on-site, prior to the commencement of operations and to the satisfaction of FRNSW, the Applicant must ensure: (a) a stormwater isolation valve is installed, the stormwater isolation valve must be closed at all times unless stormwater is being discharged and its closure must be monitored weekly; (b) during an incident, the stormwater isolation valve must remain in the closed position until manually opened upon confirmation that stormwater isolation is no longer required or once any contaminated water is disposed via trade waste or at a site that can lawfully receive the waste; and (c) the location of the stormwater isolation valve and any associated controls must be clearly identified on the site's fire hydrant block plan, fire sprinkler block plan and the site plan located within the site's Emergency Response Plan prepared as part of the OEMP as required by Condition C7.	Section 3.5
B44	The Applicant must implement all reasonable and feasible measures to minimise the impact on the site's access road and any impacts on 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249).	Section 4.7
B45	Prior to the commencement of operations, the vehicular entrance and exit driveways and the direction of traffic movement within the site are to be permanently marked on the pavement surface.	Section 4.7
B46	All customers are not permitted to leave their vehicles anywhere on the site other than the public unloading area and to access the pedestrian walkways between marked car parking spaces and the weighbridge and office area.	N/A operations
B47	Prior to the commencement of operations, the Applicant must provide and mark 25 on-site parking spaces (including two accessible spaces) for staff and visitors to ensure that traffic associated with the Development does not utilise public and residential streets or public parking facilities. Parking areas are to be constructed in accordance with the latest version of Australian Standard 2890. All parking associated with the Development must be contained on site.	Section 3.2
B48	Parking is only permitted within the designated parking spaces	N/A operations
B49	The Applicant must ensure: (a) all vehicular movement to and from the site must be in a forward direction; (b) internal roads, driveways and parking (including grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) associated with the Development are maintained in accordance with the latest version of Australian Standard 2890.1 and Australian Standard 2890.2; (c) the swept path of the longest vehicle entering and exiting the site, as well as manoeuvrability through the site, is in accordance with the relevant	N/A operations

	AUSTROADS guidelines; (d) the Development does not result in any vehicles queuing on the public road network or along the sites access road owned known as 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249) which is subject to a right of carriageway; (e) heavy vehicles and bins associated with the Development are not to be parked on local roads or footpaths in the vicinity of the site; (f) only light vehicles and trailers are permitted within the public unloading area, no heavy vehicles are permitted within the public unloading area; (g) all vehicles are wholly contained on site before being required to stop; (h) all loading and unloading of materials is carried out on-site in designated areas; (i) the different activities such as unloading (public and contractor), processing and stockpiling areas at the site are clearly marked and separated by physical barriers to ensure safety is maintained; (j) signage must be erected to direct the public and contractors to the designated unloading and loading areas; (k) public and contractor unloading areas are kept separate; (l) pedestrian access paths are clearly marked and interactions between pedestrians and vehicles must be minimised; (m) an outbound wheel wash must be installed behind the exit weighbridge as per Figure 3.9 of the RTS; (n) signage is erected and vehicles at the site do not exceed a speed of 20 km/h; (o) vehicle manoeuvring areas must always be kept clear of any obstacles, including parked cars; and (p) the turning areas in the car park are kept clear of any obstacles, including parked cars, at all times.	
B50	Prior to the commencement of operations, the Applicant must prepare an Operational Traffic and Pedestrian Management Plan (OTPMP) for the Development to the satisfaction of the Secretary. The plan must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The OTPMP must: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with Council; (c) detail the measures that would be implemented to ensure road safety and network efficiency during operation; (d) detail measures to ensure public safety is maintained at all times including marking pedestrian access ways and signage to direct the public to the public unloading area; (e) detail how the public unloading area will be barricaded from the contractor unloading areas and processing areas to ensure safety is maintained; (f) detail how traffic exiting the main processing building will give way to traffic exiting the segregated heavy waste processing and stockpiling area to ensure vehicles safely exit the site; (g) detail heavy vehicle routes, access and parking arrangements; (h) include a Driver Code of Conduct to: (i) minimise the impact on the local and regional road network; (ii) minimise conflicts with other road users; (iii) minimise road traffic noise; and (iv) ensure truck drivers use Steel River Boulevard and McIntosh Drive (the use of Murray Dwyer Circuit is not permitted); (v) ensure truck drivers use specified routes (i) include a program to monitor the effectiveness of these measures; and (j) if necessary, detail procedures for notifying residents and the community (including local schools), of any potential disruptions to routes.	N/A operations
B51	The Applicant must: (a) not commence the operations until the OTPMP required by Condition B50 is approved by the Secretary; and (b) implement the most recent version of the OTPMP approved by the Secretary for the duration of the development. AIR QUALITY NSW Government 10 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698)	N/A operations
B52	Before the commencement of the operations, the Applicant must install a suitable meteorological station on the site that complies with the requirements in the EPA's Approved Methods for Sampling of Air Pollutants in New South	Section 3.2

	Wales.	
B53	The Applicant must maintain the meteorological station to the satisfaction of the EPA for the life of the development.	N/A operations
B54	All reasonable steps must be taken to minimise dust generated during all works authorised by this consent.	Section 4.3
B55	The Applicant must ensure that: (a) all on-site roads and car parking areas are sealed with concrete or asphalt; (b) all operating, storage, unloading and loading areas must be sealed with concrete, asphalt or other impervious barrier(s) of the same or greater quality; (c) water sprinklers at the crushing and screening plant must be utilised at all time when the plant is operational; (d) dust suppressants must be used to prevent particulate emissions from stockpiles and other dust generating sources; (e) trucks and vehicles entering and leaving the Development that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading; (f) crushing occurs for no more than 46 days per year in total; (g) crushing does not occur during adverse meteorological conditions; (h) all operations and activities occurring at the Development must be carried out in a manner that minimises the emissions of air pollutants from the Development; (i) trucks associated with the Development do not track dirt onto the public road network; (j) public roads used by these trucks are kept clean; and (k) any works are carried out progressively on site to minimise exposed surfaces.	Relevant requirements contained in Section 4.3
B56	Equipment must be installed and operated in accordance with best practice to ensure that the development complies with all load limits, air quality criteria, air emission limits and air quality monitoring requirements as specified in the EPL applicable to the site.	N/A operations
B57	Prior to the commencement of operations, the Applicant must prepare an Air Quality Management Plan (AQMP) to the satisfaction of the Secretary. The AQMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The AQMP must: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with the EPA; (c) detail and rank all emissions from all sources of the Development, including particulate emissions and odour; (d) describe the measures that will be implemented to minimise the potential risks to adverse air quality in the area including: (i) the management and mitigation measures to be employed at the site; (ii) plant and equipment being maintained to ensure that it is in good order; (iii) how the air quality impacts of the development will be minimised during adverse meteorological conditions or extraordinary events; (iv) identification of high emission generating operational activities, including proposed times when these works will be carried out (including respite periods if required) and mitigation measures to minimise adverse impacts from these activities; (v) compliance with the relevant conditions of this consent; (e) identify the control measures	N/A operations

	that will be implemented for each emission source; and (f) define what constitutes an air quality incident and includes a protocol for identifying and notifying the Department and relevant stakeholders of any air quality incidents.	
B58	The Applicant must: (a) not commence the operations until the AQMP required by Condition B57 is approved by the Secretary: and (b) implement the most recent version of the AQMP approved by the Secretary for the duration of the development.	N/A operations
B59	The Applicant must carry out Air Quality Monitoring and Reporting of the Development for the first three crushing events following the commencement of the operations to the satisfaction of the Secretary. The monitoring and reporting must: (a) be carried out by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary; (b) monitor the dust emissions whilst the Development is in operation and crushing (as described section 3.5 of the RTS) is occurring; (c) include a summary of air emission related complaints and any actions that were carried out to address the complaints; (d) validate the Development against air quality predictions in the RTS; (e) review design and management practices of the Development against industry best practice for dust emissions; and (f) include an action plan that identifies and prioritises additional dust mitigation measures that may be necessary to reduce emissions.	N/A operations
B60	Within three months of each monitoring event, the Applicant must submit a copy of the Air Quality Monitoring Report (Condition B59) to the Secretary, together with its response to any recommendations.	N/A operations
B61	The Applicant must ensure the Development does not cause or permit the emission of any offensive odour (as defined in the POEO Act).	N/A operations

<table>
<tr><td>B62</td><td>The Applicant must comply with the hours detailed in Table 2.
Table 2: Hours of Work
<table><tr><th>Activity</th><th>Day</th><th>Time</th></tr><tr><td>Construction</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>7 am to 6 pm
8 am to 1 pm
Not Permitted</td></tr><tr><td>Waste Receival</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
7 am to 3 pm</td></tr><tr><td>Waste Processing</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
Not Permitted</td></tr><tr><td>Waste Dispatch</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
Not Permitted</td></tr></table></td><td>Sections 3.6 and 4.3</td></tr>
<tr><td>B63</td><td>Works outside of the hours identified in Condition B62 may be undertaken in the following circumstances: (a) the works are inaudible at the nearest sensitive receivers; (b) for the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or (c) where it is required in an emergency to avoid the loss of lives, property or to prevent environmental harm.</td><td>N/A operations</td></tr>
<tr><td>B64</td><td>Waste receival is permitted on a 24-hour per day basis on limited occasions to facilitate major infrastructure projects. Limited occasions is defined as: (a) no greater than six times per year; and (b) only for a period of less than two weeks in length for each occasion.</td><td>N/A operations</td></tr>
<tr><td>B65</td><td>The Secretary, Council and all adjacent landowners must be notified no later than 48 hours prior to each of the 24-hour waste receival periods referred to in Condition B64 along with a description of the major infrastructure projects which necessitate the 24-hour operations.</td><td>N/A operations</td></tr>
<tr><td>B66</td><td>During the 24-hour waste receival period (as stipulated in Condition B64), the number of heavy vehicles accessing the site from 6 pm to 6 am must not exceed 12.</td><td>N/A operations</td></tr>
<tr><td>B67</td><td>The crusher and shredder are only permitted to be operated in the segregated heavy waste processing and stockpiling area, no further south than 130 m from the northern site boundary (see Appendix A).</td><td>N/A operations</td></tr>
<tr><td>B68</td><td>The mobile screens in the segregated heavy waste processing and stockpiling area must not be operated</td><td>N/A operations</td></tr>
</table>

<table>
<tr><td></td><td>simultaneously with the crusher or shredder.</td><td></td></tr>
<tr><td>B69</td><td>The Applicant must: (a) implement best practice, including all reasonable and feasible noise management and mitigation measures to minimise operational, low frequency and traffic noise generated by the Development; (b) minimise the noise impacts of the Development during adverse meteorological conditions; (c) maintain the effectiveness of any noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired; and (d) regularly assess noise emissions and relocate, modify and/or stop operations to ensure compliance with the relevant conditions of this consent.</td><td>Section 4.3</td></tr>
<tr><td>B70</td><td>The Applicant must ensure that noise generated by operation of the Development does not exceed the noise limits in Table 3.
<table>
<tr><th></th><th>Day LAeq (15 minute)</th><th>Evening LAeq (15 minute)</th><th>Night LAeq (15 minute)</th><th>Night LAMax</th></tr>
<tr><td>R1</td><td>48</td><td>40</td><td>40</td><td>51</td></tr>
<tr><td>R2</td><td>49</td><td>41</td><td>41</td><td>52</td></tr>
<tr><td>R3</td><td>47</td><td>39</td><td>39</td><td>51</td></tr>
<tr><td>R4</td><td>47</td><td>39</td><td>39</td><td>50</td></tr>
<tr><td>R5</td><td>50</td><td>42</td><td>42</td><td>53</td></tr>
<tr><td>R6</td><td>48</td><td>41</td><td>41</td><td>51</td></tr>
<tr><td>R7</td><td>48</td><td>41</td><td>41</td><td>52</td></tr>
<tr><td>R8</td><td>48</td><td>40</td><td>40</td><td>52</td></tr>
<tr><td>R9</td><td>49</td><td>42</td><td>42</td><td>52</td></tr>
<tr><td>R10</td><td>49</td><td>41</td><td>41</td><td>51</td></tr>
<tr><td>R11</td><td>49</td><td>42</td><td>42</td><td>52</td></tr>
<tr><td>R12</td><td>42</td><td>41</td><td>41</td><td>48</td></tr>
<tr><td>R13</td><td>40</td><td>36</td><td>36</td><td>47</td></tr>
<tr><td>Mayfield West Primary School</td><td colspan="4">Internal 35 dB(A) – Noisiest 1 hr period (when in use)</td></tr>
<tr><td>Church of Christ</td><td colspan="4">Internal 40 dB(A) LAeq, period (when in use)</td></tr>
<tr><td>Scout Hall</td><td colspan="4">External 55 dB(A) Leq, period (when in use)</td></tr>
</table>
Table 3: Noise Limits dB(A)
Note: Noise generated by the Development is to be measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. Refer to the plan in Appendix A for the location of residential sensitive receivers.</td><td>Section 4.3</td></tr>
<tr><td>B71</td><td>Vibration caused by construction at any residence or structure outside the site must be limited to: (a) for structural damage, German Standard DIN 4150 Part 3 Structural Vibration in Buildings. Effects on Structures; and (b) for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation, 2006).</td><td>Section 4.3</td></tr>
<tr><td>B72</td><td>Prior to the commencement of operations, the final design of the development must be finalised in consultation with and to the satisfaction of the Secretary and include suitable additional provisions for special hazards by specifically addressing Clauses E1.10 and E2.3 of Volume One of the National Construction Code (NCC) Series. In particular, the following matters must be addressed: (a) Clauses E1.10 and E2.3 of Volume One of the NCC be</td><td>N/A operations</td></tr>
</table>

	complied with to the meet the operational requirements of FRNSW; (b) the stockpile storage within any building and/or open yard storage on the allotment be limited in size and volume and arranged to minimise fire spread; (c) the arrangement of stockpiles of combustible material, stored externally, on the allotment be sufficiently separated to permit FRNSW vehicle access between stockpiles; (d) the site must be serviced by a fire hydrant system that has a minimum water supply capable to extinguishing the sites largest fire load stockpile; (e) buildings which store recyclable material must include a smoke hazard system that facilitates FRNSW firefighting operations; (f) if deemed necessary by the Secretary, by virtue of applying Clauses E1.10 and E2.3 to the Development, that any significant building used to process recyclable material is provided with an appropriate fire suppression system; and (g) the containment on-site of fire water run-off.	
B73	If Aboriginal objects are uncovered during construction work in the immediate area, work must stop and the Regional Operations Group of the OEH, Council and the Registered Aboriginal Parties are to be consulted.	Section 5.2
B74	The quantities of dangerous goods stored and handled at the site must be below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.	N/A operations
B75	Dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with: (a) all relevant Australian Standards; (b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and (c) the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (EPA,1997). In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement must prevail to the extent of the inconsistency.	Section 4.4
B76	The Applicant must store all chemicals, fuels and oils used on-site in appropriately bunded areas in accordance with the requirements of all relevant Australian Standards, and EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual (DECC, 2007) (as may be updated or replaced from time to time).	Section 4.4
B77	Any works carried out on the site that involve the disturbance of (or contact with) soil or groundwater are to be carried out in accordance with the requirements of the report titled Site Management Plan for Subsurface Disturbance Activities, McIntosh Drive Mayfield NSW. Ref: N4113204_SMP_Rev4_2Oct09, prepared by AECOM Pty Ltd, dated 2 October 2009.	Section 2, Table 2.1
B78	Prior to the commencement of operations, the main processing building and segregated heavy waste processing and stockpiling area must be sealed with either asphalt or concrete to minimise infiltration of surface water to groundwater.	Section 3

B79	Prior to the commencement of construction, the Applicant must prepare an unexpected finds protocol to ensure that potentially contaminated material is appropriately managed. The protocol must form part of the CEMP NSW Government 14 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) required by Condition C1 and must ensure any material identified as contaminated must be disposed off-site, with the disposal location and results of testing submitted to Council, prior to its removal from the site.	Section 5.1
B80	The Applicant must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Plan prepared by Terras Landscape Architects dated 9 September 2015 in Appendix A.	N/A operations
B81	The Applicant must ensure the lighting associated with the Development: (a) complies with the latest version of AS 4282 (INT) - Control of Obtrusive Effects of Outdoor Lighting; (b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network including at night; and (c) is not installed on the exterior of the Development and does not flash, chase or scintillate or contain promotional material of a visually intrusive nature.	N/A operations
B82	The Applicant must: (a) maintain the 1.8 m perimeter fence and security gates on the site in accordance with Council's requirements; and (b) ensure the security gates are locked whenever the site is not in operation or unattended.	N/A operations
B83	The Applicant must consult with the community regularly throughout the Development, including consultation with the nearby, adjacent landowners, sensitive receivers, relevant regulatory authorities, Registered Aboriginal Parties and other interested stakeholders.	N/A operations
B84	Prior to the commencement of operations, the Applicant must prepare a Conceptual Decommissioning Management Plan (CDMP) for the Development to the satisfaction of the Secretary. The plan must form part of the OEMP required by Condition C4. The CDMP must: (a) include a schedule for the decommissioning of the Development; (b) detail how the following would be achieved: (i) ensure the site is left in a safe, stable and non-polluting manner; (ii) removal of all waste from the site in a lawful manner; (iii) restoration of the site so that the contamination status is no worse than that described in the Site Audit Report -Former EMD Facility Mayfield West, prepared for Delta EMD, prepared by Environ Australia Pty Ltd, November 2009; and (iv) ensure public safety is maintained. (c) include procedures for notification of the surrounding landowners; (d) include procedures for safe removal of any machinery and structures; (e) include measures to mitigate any environmental impacts associated with the removal of the Development; (f) include details of monitoring that would be undertaken during the decommissioning of the Development; and (g) be reviewed 12 months prior to the closure of the site to the satisfaction of the Secretary.	N/A operations
C1	The Applicant must prepare a Construction Environmental Management Plan (CEMP) to the satisfaction of the Secretary. The CEMP must: (a) be approved by the Secretary prior to the commencement of construction; (b) identify the statutory approvals that apply to the Development; (c) describe all activities to be undertaken on the site during construction of the Development, including a clear indication of construction stages in particular how the sealing works will be staged and any associated impacts on	a) The CEMP has been prepared and is currently under review by DPE b) Section 2 c) Section 3 d) Section 4 and 5

	operation, construction of surface water infrastructure must also be addressed; (d) outline all environmental management practices and procedures to be followed during construction works associated with the Development; (e) detail how unexpected finds, traffic, erosion and sedimentation and noise will be managed; (f) include a complaints handling procedure; (g) detail how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified adverse environmental impacts; and (h) describe the roles and responsibilities for all relevant employees involved in construction works associated with the Development.	e) Section 4 and 5 f) Section 5.3 g) Section 6 h) Section 6
C2	As part of the CEMP required under Condition C1 of this consent, the Applicant must include the following: (a) Erosion and Sediment Control Plan (see Condition B16); (b) Unexpected Finds Protocol (see Condition B79).	a) Appendix D b) Section 5.1
C3	The Applicant must carry out the construction of the Development in accordance with the CEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	Section 2
C4	The Applicant must prepare an Operational Environmental Management Plan (OEMP) to the satisfaction of the Secretary. The OEMP must: (a) be approved by the Secretary prior to the commencement of operations; (b) be prepared by a suitably qualified and experienced expert; (c) provide the strategic framework for environmental management of the Development; (d) identify the statutory approvals that apply to the Development; (e) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development; (f) describe the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; and (v) respond to emergencies and provide an Emergency Response Plan; (g) include the following environmental management plans: (i) Waste Management Plan (see Condition B13); (ii) Surface Water Characterisation and Mitigation Plan (see Condition B33); (iii) Operational Traffic and Pedestrian Management Plan (see Condition B50); (iv) Air Quality Management Plan (see Condition B57); and (v) Conceptual Decommissioning Management Plan (see Condition B84).	N/A operations

C5	The Applicant must carry out the construction of the Development in accordance with the OEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	Section 2
C6	C6. The Applicant must submit a Compliance Register Table to the Secretary with any Environmental Management Plans, which details where the relevant conditions have been addressed within the Environmental Management Plan.	Appendix A
C7	The Applicant must ensure that the environmental management plans required under Condition C4 of this consent are prepared by a suitably qualified person or persons in accordance with best practice and include: (a) detailed baseline data; (b) a description of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria; and (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the Development or any management measures; (c) a description of the management measures that would be implemented to comply with the relevant statutory requirements, limits or performance measures/criteria; (d) a program to monitor and report on the: (i) impacts and environmental performance of the Development; and (ii) effectiveness of any management measures (see (c) above) (e) a contingency plan to manage any unpredicted impacts and their consequences; (f) a program to investigate and implement ways to improve the environmental performance of the Development over time; (g) a protocol for managing and reporting any: (i) incidents; (ii) complaints; (iii) non-compliances with statutory requirements; and (iv) exceedances of the impact assessment criteria and/or performance criteria; and (h) a protocol for periodic review of the plan.	N/A operations
C8	Within three months of: (a) approval of a modification; (b) approval of an annual review under Condition C9; (c) submissions of an incident report under Condition C11; or (d) completion of an audit under Condition C13. the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this consent to the satisfaction of the Secretary.	N/A operations

	Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the Development.	
C9	Each year, the Applicant must review the environmental performance of the Development to the satisfaction of the Secretary. This review must: (a) describe the development that was carried out in the previous calendar year, and the Development that is proposed to be carried out over the next year; (b) provide a conditions compliance report which tracks the compliance of the development with the conditions of this approval; (c) include a comprehensive review of the monitoring results and complaints records of the Development over the previous calendar year, which includes a comparison of these results against the: (i) the relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) the monitoring results of previous years; and (iv) the relevant predictions in the EIS; (d) detail and provide evidence for the number of days crushing and the 24-hour waste receival operations has occurred; (e) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance; (f) identify any trends in the monitoring data over the life of the Development; (g) identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and (h) describe what measures will be implemented over the next year to improve the environmental performance of the Development.	Section 7.1
C10	The Applicant must notify the Secretary and any other relevant agencies of any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment associated with the Development immediately after the Applicant becomes aware of the incident.	Section 5.4
C11	Within seven days of the date of this incident, the Proponent must provide the Secretary and any relevant agencies with a detailed report on the incident.	Section 5.4
C12	The Applicant must provide regular reporting on the environmental performance of the Development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	Section 7.2
C13	Within one year of the commencement of operations, and every three years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the Development. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of	N/A operations

	experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies; (c) assess the environmental performance of the Development and assess whether it is complying with the requirements in this consent, and any other relevant approvals, relevant EPL(s) (including any assessment, plan or program required under these approvals); (d) review the adequacy of any approved strategy, plan or program required under the abovementioned consents; and (e) recommend measures or actions to improve the environmental performance of the Development, and/or any strategy, plan or program required under these consents. Note: This audit team must be led by a suitably qualified auditor, and include relevant experts in any other fields specified by the Secretary.	
C14	Within three months of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	N/A operations
C15	The Applicant must: (a) make copies of the following publicly available on its website: (i) the documents referred to in Condition A2; (ii) all current statutory approvals for the Development; (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) a comprehensive summary of the monitoring results of the Development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (v) a complaints register updated on a monthly basis; (vi) the annual reviews of the Development; (vii) any independent environmental audit of the Development and the Applicant's response to the recommendations in any audit; and (viii) any other matter required by the Secretary (b) keep this information up to date, to the satisfaction of the Secretary	Section 7.2

APPENDIX B

Environmental Risk Register (Page 1)

Environmental Risk Register - CEMP: Mayfield West Recycling Facility BENEDICT

Completed by: M. Hutcheson
Approved By: D. Steggles
Date: 25/01/2018

Construction Phase Element	Description of Environmental Hazard/Risk	Probability	Consequence	Initial Risk Rating	Impact on Neighbours	Control Measures/ Corrective Action	Specific PPE / Equipment / Devices available	Probability	Consequence	Residual Risk Rating	Responsible Person	Estimated Duration of Works
Reconstruct basin walls within perimeter drain using poorly graded rock.	Pollutant run-off not captured/filtered during construction of basin walls (e.g. storm event occurs mid-construction).	B	4	Medium	N/A	- Program works to avoid inclement weather. - Maintain existing sand bags in place whilst reconstructing basin walls. - Commence works at most downstream basin and work in an upstream direction.	- Sand bags	E	5	Very Low	Dayne Steggles	1 Day
Removal of vegetation within sediment basin and perimeter drain.	Integrity of existing seal compromised/damaged during vegetation removal resulting in potential for pollutant infiltration to substrate.	D	3	Low	N/A	- Take care when removing vegetation: prune/lop to ground level then poison 'stump'. - Maintain stock of fast drying bitumen sealing compound on site to patch any areas of existing seal damaged.	- Suitable tree poison - Fast drying bitumen sealing compound (15litre pails).	E	4	Very Low	Dayne Steggles	1 Week
Sealing of sediment basin and perimeter drain.	Pollutant run-off not captured/filtered whilst sealing sediment basin/perimeter drain (e.g. storm event occurs mid-construction).	C	4	Low	N/A	- Program works to avoid inclement weather. - Complete sealing of sediment basin prior to commencing sealing of perimeter drain. - Seal perimeter drain working in an upstream direction.	- Sand bags	E	4	Very Low	Dayne Steggles	3 Days
Creation of bund walls around 'potentially contaminating wastes area'.	Run-off of slurry from concrete whilst constructing perimeter bund.	C	3	Medium	N/A	- Existing surface water infrastructure - Site spill kit can be used or else sand/soil stockpiles nearby which can be used to contain any spill in the short term. - Program works to avoid inclement weather and considering typical set time of concrete.	- Spill Kit	D	4	Very Low	Dayne Steggles	14 Days
Installation of three (3) stage pit and holding tanks.	Integrity of existing pavement compromised/damaged during excavation of three (3) stage pit resulting in potential for pollutant infiltration to substrate.	C	3	Medium	N/A	- Follow procedures detailed in *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	- Refer *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	D	4	Very Low	Dayne Steggles	1 Day
	Excessive air borne dust generation during excavation and whilst excavation is 'open'.	C	4	Low	N/A	- Follow procedures detailed in *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	- Mobile sprinkler system. - Site water cart.	D	4	Very Low	Dayne Steggles	
Installation of a visible marker in the sediment basin to show required freeboard.	N/A	-	-	-	N/A	N/A	N/A	-	-	-	Dayne Steggles	1 Day
Provision and marking of 25 on-site parking spaces (including two accessiblespaces).	Linemarking paint spill to ground resulting in run-off to surface water management system (perimeter drain).	D	3	Low	N/A	- Contractor to be appropriately inducted to site and briefed on spill procedure. - Fast drying, fit for purpose paint is to be used.	- Spill procedure.	E	4	Very Low	Dayne Steggles	1 Day
	Excessive fumes from linemarking paint.	C	4	Low	N/A	- Work area to be demarcated to prevent unnecessary exposure to fumes.	- P2 type dust mask or equivalent to be used.	E	4	Very Low	Dayne Steggles	
Installation of outbound wheel wash behind the exit weighbridge.	Integrity of existing pavement compromised/damaged during excavation of three (3) stage pit resulting in potential for pollutant infiltration to substrate.	D	3	Low	N/A	- Follow procedures detailed in *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	- Refer *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	E	4	Very Low	Dayne Steggles	1 Day
	Excessive air borne dust generation during excavation and whilst excavation is 'open'.	C	4	Low	N/A	- Program works to minimise duration of open excavation (wheel wash prefabricated off-site). - Follow procedures detailed in *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	- Mobile sprinkler system. - Site water cart.	D	4	Very Low	Dayne Steggles	

Environmental Risk Register (Page 2)

Construction Phase Element	Description of Environmental Hazard/Risk	Probability	Consequence	Initial Risk Rating	Impact on Neighbours	Control Measures/ Corrective Action	Specific PPE / Equipment / Devices available	Probability	Consequence	Residual Risk Rating	Responsible Person	
Relocation of diesel tank and addition of awning.	Diesel spill from tank/fittings whilst relocating tank to new location.	D	4	Very Low	N/A	- Program diesel tank relocation when tank is close to empty. - Ensure fittings are suitably secured to diesel tank prior to relocating to prevent any spillage.	N/A	E	5	Very Low	Dayne Steggles	2 Days
	Integrity of existing pavement compromised/damaged during excavation for awning support footings resulting in potential for pollutant infiltration to substrate.	D	3	Low	Yes	- Minor awning structure planned for construction catering for fill-point only as diesel tank is self bunded, hence minimal excavation required for support footings.	- Refer *Site Management Plan for Subsurface Disturbance Activities (2 October 2009)* prepared by AECOM.	E	5	Very Low	Dayne Steggles	

Risk Matrix

PROBABILITY (Likelihood of Occurrence)	CONSEQUENCE (Severity of Result)
A. Expected to happen	1. Permanent/severe environmental impact
B. Common	2. Significant environmental impact
C. Sometimes	3. Moderate environmental impact
D. Rarely	4. Minor environmental impact
E. Highly Unlikely	5. Low level impact to the environment

PROBABILITY → / CONSEQUENCE ↓	A	B	C	D	E
1	High	High	High	High	Medium
2	High	High	High	Medium	Low
3	High	Medium	Medium	Low	Low
4	Medium	Medium	Low	Very Low	Very Low
5	Medium	Low	Very Low	Very Low	Very Low

Risk Assessment Rankings

High	Consult with your Manager for further reviews and approval
Medium	Consult with your Supervisor for further review and approval
Low	Complete the task
Very Low	Complete the task

Hierarchy of Controls

Most Effective

- Elimination
- Substitution
- Engineering
- Isolation
- Administrative
- PPE

Least Effective

APPENDIX C

Site Management Plan for Subsurface Disturbance Activities (AECOM)

APPENDIX D

Construction Erosion and Sediment Control Plan

1.0 Introduction

This Erosion and Sediment Control Plan (ESCP) has been prepared for the construction works associated with the SDD approval for increased capacity of the existing Mayfield Recycling Facility (MRF). The MRF is operated by Pty Ltd (Benedict).

1.1 Objectives

This ESCP has been prepared to address relevant conditions of the SDD Approval (SDD 7698) relating to erosion and sediment control, namely condition C2 which requires an ESCP be included in the Construction Environmental Management Plan (CEMP).

The ESCP is to describe the measures to control soil erosion and sedimentation generated during construction activities associated with the increased capacity of the MRF.

The objectives of erosion and sedimentation controls provided in the ESCP are to:

- Be consistent with the requirements of *Managing Urban Stormwater: Soils and Construction Guideline Volume 1 4th edition* ("The Blue Book") (Land come 2004)
- Be consistent with the requirements of *Site Management Plan for Subsurface Disturbance Activities, Delta EMD Australia Pty Ltd, McIntosh Drive Mayfield NSW* (AECOM 2009)
- Identify activities which that could cause soil erosion and generate sediment
- Describe the location, function and capacity of erosion and sediment control structures
- Describe the erosion and sediment control measures to be undertaken for all construction activities

2.0 Environmental Issues

Considering the minor scope of proposed construction works, the existing management measures currently implemented on site through the existing site environmental management plan and the proposed management measures contained in the Environmental Impact Statement (EIS) and Response to Submissions (RTS), the potential for adverse erosion or sedimentation impacts arising from construction works are considered unlikely.

Nevertheless the following construction activities have been identified as potentially generating sediment:

- Excavation and movement of soil associated with the installation of the three stage pit has the potential of causing contamination and sedimentation of existing drainage structures leading to a decrease in water quality in the existing sediment basin
- Concreting and sealing works (bunding works, heavy waste processing and stockpiling area and perimeter drain)
- Removal of vegetation from existing perimeter drain

3.0 Erosion and sediment controls

The ESCP is based on the following principles, adopted from the Landcom guidelines (2004):

- Minimise surface disturbance
- Progressive rehabilitation/stabilisation of disturbed areas
- The implementation of management measures to control and manage surface runoff
- All erosion and control measures are maintained.

Indicative locations of construction erosion and sedimentation controls are shown in Figure 1 below.

3.1 Existing surface water management system

The site currently has an existing perimeter drain which flows to a sedimentation basin in the north-west corner of the site. The basin drains to an invert of the outlet chamber which has controlled discharge to the Hunter River. Any licensed discharge from the site is monitored according to the existing licence conditions. The existing surface water management system will continue to be operated and be maintained during construction to capture water runoff from the construction area. On-site stormwater management measures shall continue to be implemented during construction including:

3.1 Order of works

The order of work has been scheduled to address issues with the existing site drainage infrastructure prior to carrying out the remaining construction works to minimise potential water quality impacts. Construction activities would generally occur in the following sequence:

- Construction of sediment fences around perimeter drain and diversion drains as required.
- Construction of channel sedimentation basins by placement of rock bunds along the perimeter drain.
- Progressive removal of vegetation from perimeter drains and progressive sealing of the drain and basin. Removal of vegetation and resealing works would move progressively along the perimeter drain to minimise the extent of disturbance at any one time. These works are anticipated to have a total duration of 1-3 days and therefore would be able to be scheduled to occur during dry weather.
- Sealing and bunding works of heavy waste processing and stockpiling area. These works will occur progressively to minimise impacts on current site operations. Sedimentation controls will accordingly move progressively as required to manage these works.
- Installation of outbound wheel wash.
- Installation of required sedimentation and bunding works for excavation works for the installation of the three stage pit in accordance with the Site Management Plan (SMP) for Subsurface Disturbance Activities (AECOM 2009).
- Excavation and installation of three stage pit system.
- Controls shall remain in place until exposed areas are sealed and excavated material is removed from site in accordance with the SMP.
- Installation of diesel tank within a bunded area, including installation of an awning to prevent rain water falling within the bund.

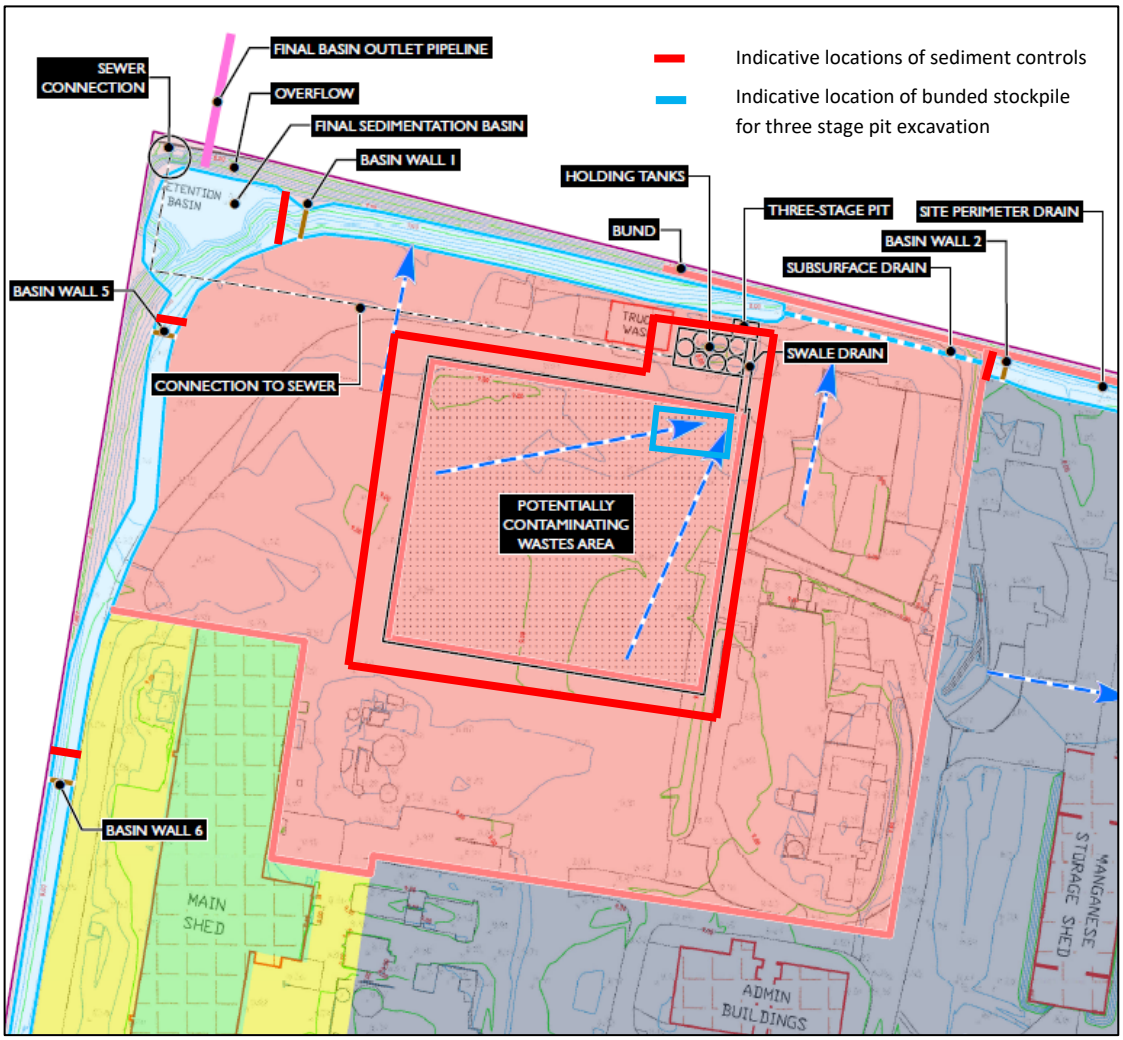


Figure 1 – Indicative location of erosion and sediment controls

4.0 Responsibilities

During construction works, the Site Manager will continue to be responsible for:

- Monitoring water quality and discharges from the licensed discharge point (in the unlikely event they occur) in accordance with the EPL
- Reporting any potential harm to the EPA and Government Agencies.
- Providing and maintaining spill kits

The supervisor overseeing the construction work will be responsible for:

- Containing and cleaning up any spills that occur during construction
- Implementing erosion and sediment control measures identified in this ESCP, including:
    - Installing sediment fencing around stockpile of excavated soil for proposed three stage pit installation
    - Installation of sediment fencing around existing draining infrastructure on site
    - Ensuring existing drainage infrastructure is kept free of debris
    - Ensuring stockpile of excavated soil from three stage pit installation is covered
    - Monitoring of unsealed surfaces during sealing works and watered as required for dust suppression
- Monitoring and reviewing the performance of this ESCP
- Training construction contractors and employees in the use of this ESCP
- Carrying out water quality testing (if required) in the unlikely event water requires to be removed from the three stage pit excavation.

5.0 Management Measures

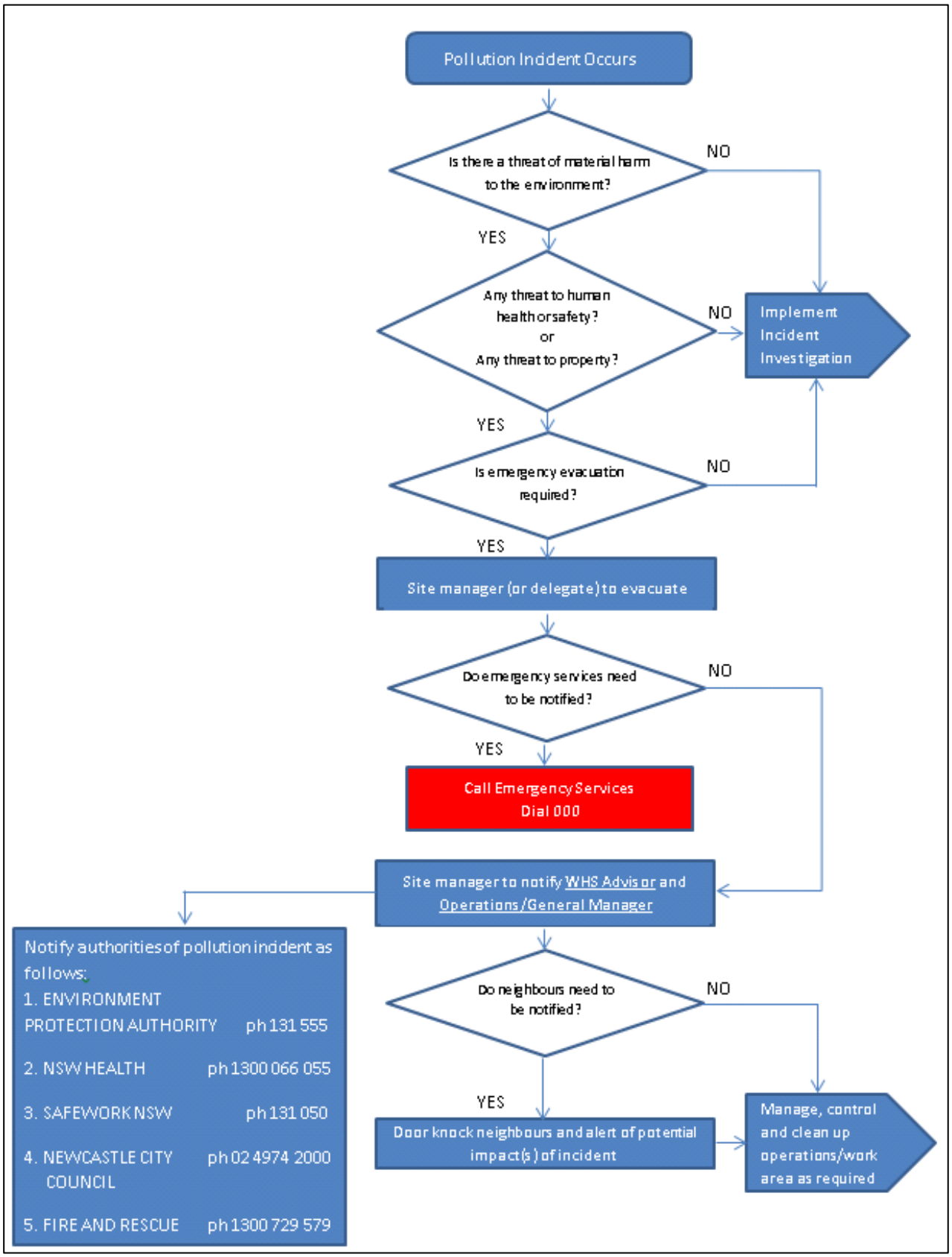
General erosion and sedimentation measures:

- All required erosion and sediment control structures shall be in place prior to any construction works commencing - These controls will remain in place until exposed areas are rehabilitated and stabilised
- Controls are to be maintained so that sediment storage capacity is maximised at all times.
- Any sediment removed should be dewatered on site, tested for product blending or disposed of in an appropriately licensed facility
- All erosion and silt control devices will be visually inspected daily to ensure effectiveness, as well as after each rainfall event
- All sediment control measures will be left in place until the site has been stabilised
- Where possible works will not take place during or immediately after heavy rain, or if the onset of rain is likely
- Traffic in construction areas to be minimised
- During dry conditions, work areas will be watered as necessary to prevent dust generation
- All staff and Contractors will be trained in procedures for incident reporting

- All fuels, oils and chemicals shall be stored in secure bunded areas
- Spill kits are to be provided at bunded areas
- Any pollution incidents (as defined by the POEO Act 1997) that pose of risk of 'material harm to the environment' must be reported to the Site Manager.
- Personnel will receive training on the correct refuelling procedure, and in the use of spill kits and general emergency response

APPENDIX E

Pollution Incident Response Flowchart



APPENDIX F

Environment Protection Licence

APPENDIX G

Site Water Balance

OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN

MAYFIELD WEST

July 2018

Document Control				
Rev No	**Date**	**Revision Details**	**Author**	**Reviewer**
01	24/03/2016	Draft	MH	DS
02	27/04/2016	Submitted NCC	MH/DS	DS
03	31/05/2016	Update for EPL issued	MH	DS
04	4/05/2018	Revised in accordance with SSD approval	JK/MH	DS
05	30/07/2018	Revised in response to DPE comments	JK	PT

CONTENTS

1 INTRODUCTION

1.1 OVERVIEW

Benedict Recycling Pty Ltd is the operator of the Mayfield West Recycling Facility (MWRF) located at 1A McIntosh Drive, Mayfield West.

The MWRF has been developed to provide a range of services to the demolition and construction industries including:

- Receival of waste;
- Sorting of waste;
- Processing of waste;
- Recovery of recyclables;
- Export of recovered recyclables; and
- Transfer and disposal of residuals.

Resource recovery activities limited to 90 000 tonnes per year of general solid waste (non-putrescible) were approved on the site by consent DA2015/0291 on 8 March 2016.

Project approval SSD 7698 (SDD approval) on 13 March 2018 allows increased processing capacity to 315 000 tonnes per year of general solid waste (non-putrescible) including construction, demolition, commercial and industrial waste.

The site currently operates under the regulation of Environment Protection Licence (EPL) 20771.

Condition C4 of the SSD approval requires the preparation of an Operational Environmental Management Plan (OEMP). Accordingly the existing Environmental Management Plan for the site has been revised to address the requirements of C4 and other relevant provisions of the SSD approval.

The OEMP is the environmental management tool for the operation of the MWRF and includes detailed supplementary plans.

The OEMP is a live document. The management strategies and control measures detailed within this document and the supplementary Environmental Plans would be reviewed and updated where necessary to reflect changes introduced by the MWRF operational team, site specific outcomes, non-conformances and recommendations arising out of inspections, meetings and audits.

1.2 LOCATION

The facility is located at 1A McIntosh Drive, Mayfield NSW and is within the local government area of Newcastle City Council. The SSD approved site occupies part of Lot 1 in DP 874109 totalling approximately 4.9 ha.

Figure 1 shows the site layout. The site is bounded by:

- The Hunter River (South Arm) to the north;
- Tourle Street to the east;
- Ausgrid Mayfield West Substation to the south; and
- Light industrial buildings to the west.

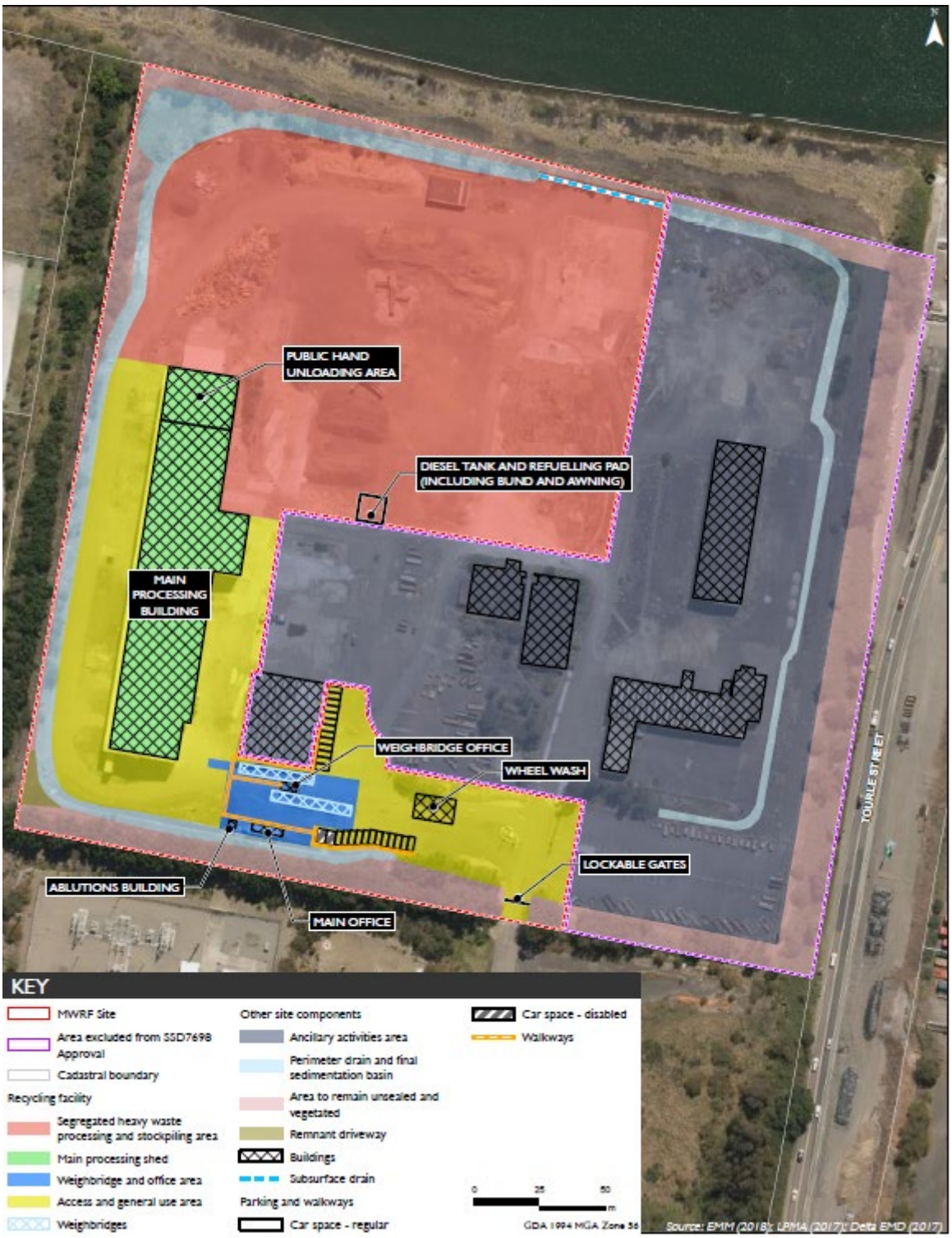


Figure 1 – Site Layout

1.3 SCOPE AND OBJECTIVES

The purpose of this OEMP is to provide an overview of potential environmental impacts of the MWRF during its operational phase and describe the management and mitigation measures to protect the environment and sensitive receivers, and minimise potential adverse impacts on the environment.

The operation of the expanded operations must be carried out in accordance with this OEMP as approved by the Department of Planning and Environment.

The objectives of this OEMP are to:

- Describe the relevant legislation, policies, guidelines and standards which apply to the operation of the facility and influence the environmental management principles and procedures to be used on the site;
- Identify key environmental management issues relating to the operation of the facility;
- Provide a working environmental management tool to follow during the operational stage of the MWRF;
- Define roles and responsibilities of the MWRF facility;
- Provide a guide for the interaction with relevant government authorities and other relevant stakeholders including the community during the operational phase of the MWRF;
- Provide standard operating procedures for the management of the site and key environmental issues; and
- Provide a basis for monitoring, reporting and maintaining compliance.

1.4 SUPPORTING ENVIRONMENTAL MANAGEMENT PLANS

A series of environmental management plans have been developed to support this OEMP. These plans are provided in the appendices of this OEMP and are as follows:

- Waste Management Plan (Appendix D);
- Surface Water Characterisation and Mitigation Plan (Appendix E);
- Air Quality Management Plan (Appendix F);
- Operational Traffic and Pedestrian Management Plan (Appendix G); and
- Conceptual Decommissioning Management Plan (Appendix I).
- Emergency Response Plan (Appendix K)

Also included in this OEMP are existing plans as follows:

- Site Management Plan for Subsurface Disturbance Activities (AECOM 2009) contained in Appendix H; and
- Landscape Plan (Terres Landscape Architects 2015) contained in Appendix J.

2 STATUTORY CONSIDERATIONS

This section provides an overview of the environmental planning and statutory context for the operations of the MWRF.

2.1 ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

The EP&A Act and the NSW Environmental Planning and Assessment Regulation 2000 (EP&A Regulation) provide the assessment and approvals framework in NSW. They are administered by Department of Planning and Environment. Original consent for the MWRF was granted by

Newcastle City Council under Part 4 of the EP&A Act (DA2015/0291) which allowed for processing of up to 90 000 tonnes of waste per year.

The modification to increase processing capacity of the MWRF was classified as State Significant Development (SSD) under Clause 23(3) of Schedule 1 in the State Environmental Planning Policy (State and Regional Development 2011 (SRD SEPP) because it involves the development for the purposes of a resource recycling facility which handles more than 100 000 tonnes per annum of waste. Consequently the SSD application was approved by the NSW Minister for Planning under Section 4.38 of the EP&A Act on 13 March 2018.

Key SSD consent conditions relating to the operation of the MWRF are presented in Table 2.1 and a full compliance register is contained in Appendix A.

Table 2.1 SSD Approval key consent conditions

Condition	Requirement	Where addressed in OEMP
A6	The Applicant must not receive or process on site more than 315,000 tonnes per year of general solid waste (non-putrescible).	Section 3.1, Appendix D
A7	The Applicant must not: (a) crush more than 71,000 tonnes per year of waste; and (b) shred more than 5,400 tonnes per year of timber.	Section 3.1, Section 4.2 and Appendix D
A8	The amount of waste stored on site at any one time must not exceed 53,733 tonnes.	Section 3.1, Section 4.2 and Appendix D
A11	Stockpiles of waste and recycled product on-site must not be more than seven (7) metres in height when measured from the finished ground level of the site.	Section 3.1, Section 4.2 and Appendix D
C4	The Applicant must prepare an Operational Environmental Management Plan (OEMP) to the satisfaction of the Secretary. The OEMP must: (a) be approved by the Secretary prior to the commencement of operations; (b) be prepared by a suitably qualified and experienced expert; (c) provide the strategic framework for environmental management of the Development; (d) identify the statutory approvals that apply to the Development; (e) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development; (f) describe the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; and (v) respond to emergencies and provide an Emergency Response Plan;	This document a) b) Document co authored by Operations Planning Support Manager (Benedict) and Senior Environmental Planner (EMM Consulting) c)Section 2 d) Section 2.5 e) Section 5.1 f)i) Section 5.3 f)ii) Section 5.3 f)iii) Sections 5.1 and 5.3 f)iv) Sections 5.4 and 6 f)v) Section 5.5 and Appendix K

	(g) include the following environmental management plans: (i) Waste Management Plan; (ii) Surface Water Characterisation and Mitigation Plan; (iii) Operational Traffic and Pedestrian Management Plan; (iv) Air Quality Management Plan; and (v) Conceptual Decommissioning Management Plan (see Condition B84).	 Appendix D Appendix E Appendix G Appendix F Appendix I
C7	The Applicant must carry out the construction of the Development in accordance with the OEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	Section 1.3

2.2 PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997 (POEO Act)

The POEO Act relates to the management of pollution in NSW and is administered by the EPA. Under Section 48 of the POEO Act, premise-based scheduled activities (as defined in Schedule 1 of the POEO Act) require an Environment Protection Licence (EPL). The operation of the MWRF is considered a premise based scheduled activity as a result of the following scheduled activities being carried out on site:

- Schedule 1 Clause 34 (Resource Recovery) as operation of the facility involves having on site at any one time more than 2 500 tonnes or 2 500 cubic metres of waste or involves processing more than 12 000 tonnes of waste per year; and
- Schedule 1 Clause 42 Waste Storage as operation of the facility involves receiving more than 12 000 tonnes of waste per annum from off site.

The Development must also comply with Section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided in an EPL.

2.3 WASTE AVOIDANCE AND RESOURCE RECOVERY ACT 2001

The Waste Avoidance and Resource Recovery Act 2001 (WARR Act) is the result of a major overhaul of waste policy objectives and forms the basis of a framework for waste management in NSW. The WARR Act establishes a hierarchy to minimise the consumption of natural resources and final disposal of waste by encouraging waste avoidance, reuse and recycling.

The WARR Act promotes integrated waste and resource management planning, programs and service delivery on a state-wide basis to ensure that waste is managed to reduce environmental harm in accordance with the principles of ecologically sustainable development and the objectives of the POEO Act.

The MWRF Facility delivers an alternative waste management technology solution and beneficial environmental outcome compared to land filling. Wastes are to be managed against the waste hierarchy of avoidance, resource recovery and then disposal.

2.4 WORK HEALTH AND SAFETY ACT

The main object of the *Work Health and Safety Act 2011* (WHS Act) is to provide for a balanced and nationally consistent framework to secure the health and safety of workers and workplaces.

The WHS Act requires that workers and other persons should be given the highest level of protection against harm to their health, safety and welfare from hazards and risks arising from work or from specified types of substances or plant as is reasonably practicable.

2.5 GUIDELINES

The facility design and the operating procedures documented have due regard to relevant guidelines and codes of practice including:

- Waste Classification Guidelines – Part 1: Classifying Waste, EPA, 2014;
- AS1940-2004 The Storage and Handling of Flammable and Combustible Liquids;
- NSW EPA Guidelines on Resource Recovery Orders and Resource Recovery Exemptions under Protection of the Environment Operations (Waste) Regulations 2014 (Clause 93); and
- EPA developed exemption structure 'The Recovered Aggregate Order 2014'.

2.6 ENVIRONMENTAL APPROVALS

The relevant environmental approvals in place for the MWRF are summarised in Table 2.2.

Table 2.2 Environmental Approvals

Approval	Approval Authority	Description	Date
SSD Approval SSD 7698	Department of Planning and Environment	SSD Approval under Section 4.38 of the EP&A Act	13 March 2018
EPL 20771	Environment Protection Agency	Environment Protection Licence	Issued

3 RESOURCE RECOVERY FACILITY

The Resource Recovery Facility features include:

- Buildings including site office and staff amenities;
- Covered processing area;
- Outdoor material sorting and storage area;
- Weighbridge;
- Surface water management system;
- Dust management systems;
- Staff parking.

3.1 OVERVIEW OF OPERATIONS

Waste is transported by waste contractors to the site via the entry gate located at the southern end of the site off McIntosh Drive. Vehicles proceed to a weighbridge where they are weighed. The weighbridge is fitted with CCTV capability which monitors the front and rear of vehicles and their load characteristics.

The truck registration, weight, type and size of materials are recorded. The incoming material is classified as rubbish, mixed or clean waste. Weighbridge dockets are issued recording material weight and charges.

Entering vehicles then proceed to the either the covered hand unloading area or the outside sorting/storage area where an excavator spreads and segregates the material, accompanied by further examinations of material types.

The segregated materials are available for reuse/recycling or further processing. The wastes that cannot be reused or recycled by the site are taken to either landfill or other recycling facilities for further processing.

Empty vehicles entering the site to load recovered materials can be CCTV monitored; their registration recorded prior to proceeding to loading.

Vehicles exiting the site may pass through a wheel "wash/clean" based on a monitoring procedure to prevent material being tracked off site.

Acceptable waste to be received at the Facility is limited by the Environment Protection Licence (EPL 20771) and SSD Approval and is inclusive of both co-mingled and segregated building and demolition waste as well as selected commercial and industrial waste.

Table 3.1 below lists the acceptable waste materials and limits detailed in EPL 20771 (attached as Appendix C).

Table 3.1 Acceptable waste and EPL/SSD Approval limits

Waste	Other Limits	Activity
Basic Oxygen Slag	Must not contain any contaminant levels exceeding the limits for General Solid Waste stated in the EPA's Waste Classification Guidelines Part 1: Classifying Waste.	Resource recovery Waste Storage
Electric Arc Furnace Slag		
Electric Arc Ladle Slag		
Granulated Blast Furnace Slag		
Rail Ballast		
Excavated Natural Material		
Soils that meet the CT1 thresholds for General Solid Waste in Table 1 of the Waste Classification Guidelines as in force from time to time with the exception of the thresholds in the 'Other Limits' column.	Arsenic: 40mg/kg; Cadmium: 2mg/kg; Copper 200mg/kg; Mercury: 1.5mg/kg; Zinc: 600mg/kg; Petroleum Hydrocarbons C6-C9: 150mg/kg; Petroleum Hydrocarbons C10-C36: 1600mg/kg; Polycyclic Aromatic Hydrocarbons: 80mg/kg; Polychlorinated biphenyls (individual): 1mg/kg; No acid sulphate soil is to be received at the premises.	Resource recovery Waste Storage
Grit, sediment, litter and gross pollutants collected in, and removed from, stormwater treatment devices and/or stormwater management systems.	Dewatered so that they do not contain liquids.	Resource recovery Waste Storage
Biosolids	Categorised as unrestricted use, or restricted	Resource recovery

	use 1, 2 or 3.	Waste Storage
Household waste from municipal clean-up.	Does not contain putrescible waste.	Resource recovery Waste Storage
Cement Fibre Board		Resource recovery Waste Storage
Paper or cardboard		Resource recovery Waste Storage
Concrete batch plant waste		Resource recovery Waste Storage
Glass, plastics, rubber, plasterboard, ceramics, brick, concrete or metal.	Loads predominantly containing glass are not permitted to be crushed at the site	Resource recovery Waste Storage
Wood waste	No more than 5 400 tonnes per year of timber may be shredded;	Resource recovery Waste Storage
Garden waste		Resource recovery Waste Storage
Asphalt waste		Resource recovery Waste Storage
Virgin Excavated Natural Material		Resource recovery Waste Storage
Building and demolition waste		Resource recovery Waste Storage

3.2 BUILDING STRUCTURES

The only permanent structure within the SSD approved site is the main processing shed.

Portable building structures are located towards the south-western corner of the site. The buildings provide the following:

- Offices;
- Staff amenities (lunchroom, change room, toilets, showers); and
- Weighbridge.

Other structures within the SSD approved site are the 2 stage pit and holding tanks, above ground bunded diesel tank including awning, wheel wash and meteorological station. An unused truck wash is also located adjacent to the holding tanks.

3.3 SEALED/HARDSTAND MATERIAL SORTING AND STORAGE AREA

All access roads within the operational areas of the site are sealed. Similarly the outdoor potentially contaminating wastes unloading storage area is sealed and bunded, providing both an impervious layer and hard stand for handling, storage, loading and sorting of segregated waste materials and associated traffic movements.

The remaining areas of the site are to be progressively sealed apart from areas to remain unsealed and vegetated as identified in the Landscape Plan (Appendix J). These landscaped areas are to be maintained for the duration of the development.

3.4 SURFACE WATER SYSTEMS

The site is sloped so that runoff flows from the centre to the perimeter channel around the boundary of the site. The asphalt lined, v shaped perimeter channel varies in depth from 0 to 2 m and is 3 to 10 m wide. The perimeter drain has been divided into seven basins as a part of the SSD approved construction works through the installation of 8 rock bunds along the channel. The channel drains into a final sedimentation basin in the north-west corner of the site. The basin drains to an invert of the outlet chamber which has controlled discharge to the Hunter River. Runoff from external areas is directed away from the site by the presence of a bund wall along the southern site boundary and adjacent land levels.

The soil and water management strategy for the site is based on *Managing Urban Stormwater: Soils & Construction* (Landcom 2004) (the "Blue Book").

The Blue Book defines a required storage volume based on the storage and treatment of runoff over the 5 days following the design storm. This allows 5 days for the treatment and discharge of water to provide an empty system to accommodate runoff from the next storm.

The final sedimentation basin has a storage volume of approximately 1400m³ to the invert of the outlet chamber and 2100m³ up to the lip of the outlet weir. The weir is an asphalt and rock protected structure. A visible marker has been installed as required by the SSD approval in the sediment detention basin in a position that shows the freeboard in the basin that equates to the volume required to contain all rainfall and runoff in the catchment from a 90th percentile rainfall event over any consecutive 5-day period.

The approximate storage volume in the perimeter channel is 3080m³. There is no runoff onto the site from external areas.

3.4.1 SURFACE WATER MANAGEMENT SYSTEM FOR POTENTIALLY CONTAMINATING WASTES AREA

The water management system captures water from external stockpiles containing 'potentially contaminating wastes' within a separately bunded area (5,200 m^2). This water flows to the two-stage pit and is then pumped to storage tanks. For a less than 90th-percentile five-day rain event, this water is be captured, treated, tested, stored (pending analytical results) and discharged to sewer if it does not meet water quality criteria. If water quality criteria are achieved, water is discharged to the perimeter drain (and ultimately to the Hunter River if it is not reused on site or evaporate).

The surface water management system is discussed in detail in the Surface Water Characterisation and Management Plan appended as Appendix E.

3.5 OPERATING TIMES

SSD Approval Condition B62 outlines the approved hours of work as detailed in Table 3.2.

Table 3.2 SSD Approval Condition B62 Approved hours of work

Activity	Day	Time
Construction	Monday to Friday Saturday Sunday and Public Holidays	7 am to 6 pm 8 am to 1 pm Not Permitted
Waste Receival	Monday to Friday Saturday Sunday and Public Holidays	6 am to 6 pm 6 am to 5 pm 7 am to 3 pm
Waste Processing	Monday to Friday Saturday Sunday and Public Holidays	6 am to 6 pm 6 am to 5 pm Not Permitted
Waste Dispatch	Monday to Friday Saturday Sunday and Public Holidays	6 am to 6 pm 6 am to 5 pm Not Permitted

Conditions 63 to 66 of the SSD Approval outline the circumstances and requirements wherein operations may be conducted outside of the hours specified in Table 5 summarised as follows:

- The works are inaudible at the nearest sensitive receivers;
- For the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or
- Where it is required in an emergency to avoid the loss of lives, property or to prevent environmental harm.

Waste receival is permitted on a 24-hour per day basis on limited occasions to facilitate major infrastructure projects. Limited occasions is defined as no greater than six times per year; and only for a period of less than two weeks in length for each occasion. On each occasion the following conditions must be met:

- The Secretary, Council and all adjacent landowners must be notified no later than 48 hours prior to the 24-hour waste receival period along with a description of the major infrastructure projects which necessitate the 24-hour operations; and
- During the 24-hour waste receival period, the number of heavy vehicles accessing the site from 6 pm to 6 am must not exceed 12.

3.6 SITE STAFFING

The Site Leading Hand/Supervisor and the Site Manager (or their delegated representatives) are to be present and on the site during operating hours of the facility.

4 ENVIRONMENTAL MANAGEMENT OPERATIONAL PROCEDURES

Environmental management procedures have been developed for all key environmental management issues. These procedures form an integral part of each site activity.

4.1 SITE MANAGEMENT

SITE MANAGEMENT		**OP 1**
Primary Environmental Goal		• Clearly identified primary activities and controls that assure environmentally responsible operation of the facility.
Related Environmental Goals		• Ensure compliance with SSD Approval and EPL; • Preventing unauthorised entry; • Assuring quality of operations; • Preventing degradation of local amenity; • Adequate staffing and training; and • Providing and maintaining a safe work environment.
Primary Activities		Primary activities carried out on the site shall include: • Receival and storage of construction and demolition waste; • Retrieval of recyclable resources & their redistribution; • The processing, storage and transfer of received waste; • Monitoring of waste movement & maintenance of records of that movement; • The control of site aspects that may affect the environment in accordance with this EMP; and • Management of the facility to ensure the safety of public, the operators and the environment.
PROCEDURES		
OP 1.1	Traffic Control	The Site Operator is empowered to direct the movement of vehicular and pedestrian traffic to ensure their safety. This is noted as a condition of entry on the gate signage. Traffic control signage has been erected as directed by the Site Leading Hand/Supervisor. The signage includes: • Conditions of entry; • Hours of operation; • Acceptable and prohibited wastes signage; • Speed restriction signage; • Directional signage; and • Material drop off points signage.
OP 1.2	Public and Staff Safety	The safety of the public and staff is a prime consideration in all aspects of the facility. Operational plant and equipment will be operated in such a way as to minimise risks to persons delivering, sorting, processing or loading recovered materials and waste for transfer. All visitors and contractors on site will be inducted. All visitors will be

		accompanied by a Benedict representative at all times. All information and directional signs and their locations will be subject to approval of the Site Leading Hand/Supervisor.
OP 1.3	Scavenging	There are to be no scavenging arrangements. All resource recovery shall be undertaken by MWRF.
OP 1.4	Vehicle Washing	Waste heavy vehicles exiting the facility will be subject to wheel washing.
OP 1.5	Monitoring	Monitoring of day to day operations is to be undertaken by the Site Leading Hand/Supervisor. Overall monitoring of the site is to be undertaken by the Site Manager.

4.2 WASTE MANGEMENT

A Waste Management Plan (WMP) has been prepared as required under Condition B13 of the SSD Approval. The WMP is contained in Appendix D. Key elements of this plan have informed the procedure below for waste acceptance, processing, storage and transfer.

Waste Acceptance, Processing and Transfer	**OP 2**
Primary Environmental Goal	• The receival, sorting, processing & transfer of waste and recyclables are managed and monitored to ensure environmentally responsible operation of the facility
Related Environmental Goals	• Ensure compliance with SSD Approval and EPL; • Conduct operations in accordance with the Waste Management Plan (refer Appendix D); • The wastes and recyclables received by the facility are identified, not hazardous & recorded assuring quality of incoming waste; • Maximising of recycling and reuse; • Adequate staffing and training; and • Providing and maintaining a safe work environment.
Compliance	Key SSD Approval and EPL conditions relevant to Waste acceptance, sorting and processing are as follows: • The MRF must not receive or process on site more than 315,000 tonnes per year of general solid waste (non-putrescible). • The MRF must not crush more than 71,000 tonnes per year of waste; and shred more than 5,400 tonnes per year of timber. • The amount of waste stored on site at any one time must not exceed 53,733 tonnes. • Stockpiles of waste and recycled product on-site must not be more than seven (7) metres in height when measured from the finished ground level of the site. • The Applicant shall aim to achieve a recycling rate of 95% of all waste and a disposal rate of not more than 5% to landfill. • All waste materials removed from the site must only be directed to a waste management facility or premises lawfully permitted to accept the materials. • Waste generated outside the site must not be received at the site for storage, treatment, processing, reprocessing, or disposal, except as expressly permitted by an EPL; • The amount of waste received at the site must be recorded on a daily basis; • All sampling and waste classification data must be retained for the life of the development; • No biochar production or storage is allowed on site; • Loads predominately containing glass are not permitted to be crushed at the site; • All liquid and non-liquid wastes to be taken off site in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste, November 2014; and • All waste must be stored wholly within the designated waste stockpile areas and loaded and unloaded within the designated loading and unloading areas.

PROCEDURES		
OP 2.1	Control, Monitoring & Recording of Incoming Waste	• MWRF's Site Leading Hand/Supervisor is to monitor the receival of waste to ensure it is inspected, not hazardous and recorded.
OP 2.2	Inspection of Waste Received	• Each load presented at the facility is to be inspected prior to the material being deposited on site.
OP 2.3	Prohibited and Unacceptable Waste	• Waste material that is unacceptable or specified prohibited from entering the site (see EPL contained in Appendix C) will be refused entry and diverted when possible to the appropriate facility.
OP 2.4	Recording of Waste	• All waste accepted at the facility shall be recorded on MWRF's weighbridge system and a customer docket/receipt produced (see Appendix D). • All weighbridge records as required by the POEO (Waste) Regulation must be retained for the life of the MRF. The weighbridge records must be made immediately available on request by the Secretary and/or the EPA.
OP 2.5	Storage of Waste	• Each load presented at the facility is to be directed to the appropriate storage area by the Site Leading Hand/Supervisor. • Wherever possible raw materials are to be sorted at the source and directed into segregated stockpiles on-site. • Unsorted materials are to be spread on the ground on-site, sorted into the various categories and formed into segregated stockpiles. • All sampling and waste classification data are to be retained for the life of the Development in accordance with the requirements of the EPA. • No biochar production or storage is approved under the terms of the SSD approval consent. • All waste unloaded at the public hand unloading area must be unloaded and stockpiled within the main processing building. • All waste must be stored wholly within the designated waste stockpile areas and loaded and unloaded within the designated loading and unloading areas.
OP 2.6	Processing of Waste	• The sorted waste material may be subject to processing depending on its category and presentation. • The processing may include screening, grinding and crushing as preparation aspects. • The processed material is to be stockpiled into its various processed categories for return to the market as product(s). Stockpiling of processed material shall not exceed 7 metres • The crusher and shredder are only permitted to be operated in the segregated heavy waste processing and stockpiling area, no further south than 130 m from the northern site boundary • The mobile screens in the segregated heavy waste processing and stockpiling area must not be operated simultaneously with the crusher or shredder.
OP 2.7	Despatch of waste	• All waste materials removed from the site must only be directed to a waste management facility or premises lawfully permitted to

		accept the materials. • The Applicant must assess and classify all liquid and non-liquid wastes to be taken off site in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste, November 2014, and dispose of all wastes to a facility that may lawfully accept the waste.
OP.2.8	Records	• Sampling and waste classification date is to be kept for the life of the MRF in accordance with EPA requirements.
OP 2.9	Monitoring	The Waste Management Plan contained in Appendix D details the Waste Monitoring Program that will be implemented during operations.

4.3 HAZARDOUS WASTE PREVENTION AND RESPONSE

Management of hazardous waste is detailed in the WMP. Key measures to manage hazardous waste are detailed in the procedure below.

<table>
<tr><th colspan="3">HAZARDOUS WASTE PREVENTION AND RESPONSE OP 3</th></tr>
<tr><td colspan="2">Primary Environmental Goal</td><td>• Ensuring no hazardous waste is present at the facility</td></tr>
<tr><td colspan="2">Related Environmental Goals</td><td>• Ensure compliance with SSD Approval and EPL;
• Assuring quality of operations;
• Preventing degradation of local amenity;
• Adequate staffing and training; and
• Providing and maintaining a safe work environment.</td></tr>
<tr><td colspan="2">Compliance</td><td>Key SSD Approval and EPL conditions relevant to hazardous waste prevention are as follows:
• MRF must implement auditable procedures to ensure the site does not accept wastes that are prohibited; and screen incoming waste loads.
• MRF must ensure that all waste types that are controlled under a tracking system have the appropriate documentation prior to acceptance at the site; all waste received at the site must be recorded in accordance with clause 27 of the POEO (Waste) Regulation.
• Details of the quantity, type and source of wastes received on the site must be provided to the EPA and the Secretary when requested.
• Staff are to receive adequate training in order to be able to recognise and handle any hazardous or other prohibited waste including asbestos.</td></tr>
<tr><td colspan="3">PROCEDURES</td></tr>
<tr><td>OP 3.1</td><td>Hazardous Waste Management</td><td>Incoming waste is monitored and any hazardous waste detected is diverted in accordance with this procedure.

Hazardous waste found on site shall be reported and managed as an environmental or safety incident.</td></tr>
<tr><td>OP 3.2</td><td>Waste Acceptance</td><td>• Gates are locked and fences secure on days when the facility is not open to the public.
• Each load presenting at the facility is to be inspected for hazardous waste prior to the material being deposited on site.
• Waste material specifically prohibited from entering the site (see EPL contained in Appendix C) will be refused entry and diverted where possible to the appropriate facility or alternatively directed to contact the EPA for advice (ph. 02 9995 5000).
• Waste that is refused entry shall be recorded in a register. The information recorded shall include:
(a) Date;
(b) Carrier organisation;
(c) Registration number of the vehicle; and
(d) Type of waste.</td></tr>
</table>

OP 3.3	Identification of Prohibited Waste	Waste material listed in Appendix C as prohibited waste found to have been deposited on the site will cause: • The receival area to be fenced off/isolated and closed to the public; • The Site Leading Hand/Supervisor and the Site Manager to be notified immediately; and • The site is to be closed should the Site Supervisor or Site Leading Hand/Supervisor deem the hazard to be such as to warrant such action.
OP 3.4	Management of Prohibited Wastes	The EPA is to be advised of any incident that poses a threat to the environment as soon as practical after the incident occurs. The incident is to be reported by telephoning: • **EPA Newcastle office: 02 4908 6800** • **EPA Pollution Hotline: 131 555** Wastes identified as hazardous in Appendix C are to be managed in accordance with "*The Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Waste."* Arrangements are to be made for the removal of the waste to an appropriate facility.
OP 3.5	Incident Reports	Any incident relating to the identification of a prohibited waste on the site shall be reported in accordance with "*OP 16- Incident Reporting*" (refer Section 5.4)

4.4 PRODUCT CONTROL, MONITORING AND MANAGEMENT

PRODUCT CONTROL, MONITORING AND MANAGEMENT		**OP 4**
Primary Environmental Goal		• Recovered material produced by the facility shall not adversely affect the environment.
Related Environmental Goals		• Ensure compliance with SSD Approval and EPL; • Assuring quality of product; • Assuring quality of operations; and • Adequate staffing and training.
PROCEDURES		
OP 4.1	Regulatory Control	This operating procedure gives effect to and should be read in conjunction with the EPA developed exemption structure '*The Recovered Aggregate Order 2014'.* In accordance with those requirements MWRF activities are defined as a "continuous process".
OP 4.2	Incoming Waste	• Waste receival, management and prohibited material exclusion is to be in accordance with OP 2 OP 3 and the WMP.
OP 4.3	Waste Selection	The following wastes are included for acceptance & processing: • Brick and concrete; • Tiles and ceramics; • Asphalt (as engineered material but not containing coal tar); • Natural rock; • Vegetation and wood; • Glass (as co mingled with other waste); • Rubber; • Sand, soil, clay excluding contaminated soil; • Excavated natural material (ENM); • Virgin excavated natural material (VENM); and • Commercial & industrial.
OP 4.4	Product Sampling	Post processing, the material is to be sampled to testing. The samples are to be selected from the processed stockpiles in accordance with Australian Standard 1141. The custody chain is to formed and records maintained indicating: • Testing organisation; • Date; • Type of test; • Type of material; and • Batch number allocation.
OP 4.5	Monitoring	Product quality and control will be monitored by: • Routine and Characterisation testing in line with EPA requirements; and • Product export details recording, declared use by consumer, quantity (m^3 or tonnes) and registration number of vehicle.
OP 4.6	Records	Records of product characterisation and routine testing and quantity of product and registration number of vehicles used to transport the product are to be kept in MWRF's record system for four (4) years.

4.5 SURFACE WATER MANAGEMENT

A Surface Water Characterisation and Management Plan (SWCMP), as required under Condition B33 of the SSD Approval, is contained in Appendix E. Key elements of this plan have informed the procedure below for Surface Water Management.

SURFACE WATER MANAGEMENT		**OP 5**
Primary Environmental Goal		• Stormwater gathered by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals		• Ensure compliance with SSD Approval and EPL; • Assuring quality of operations; • Preventing degradation of local amenity; • Adequate staffing and training; and • Implementation of the most recent version of the Surface Water Characterisation and Management Plan as approved by DPE.
Compliance		Key SSD Approval and EPL conditions relevant to surface water management • Overland flow from the Development must be contained within the sealed areas of the site. • Any spills must be contained and disposed of at a licensed facility. • Any servicing or repair work on motor vehicles or mobile plant is to be carried out within a sealed area that has environmental controls appropriate for servicing or repair work. This must include bunding where there this work could result in liquids being spilled. • All excess water from the wheel wash is to be discharged into suitable holding tanks and removed from the facility for treatment at an appropriately licensed facility or via trade waste. • The surface water management system must be operated and maintained for the duration of the Development. • The surface water management system is to be maintained to minimise the infiltration of surface water to groundwater including a monthly inspection for cracks and vegetation breakthrough. Any maintenance of the surface water management system must be undertaken by a suitably qualified and experienced person and record of works retained for the duration of the development; • The surface water detention basins on site are to be maintained with a minimum capacity to contain the 90th percentile rainfall over any consecutive 5-day period. • The Applicant must comply with any amended surface water quality criteria and discharge limits identified in the EPL.
PROCEDURES		
OP 5.1	Surface Water	Stormwater gathered on site shall be managed to ensure it is not contaminated and limiting in sediment.
OP 5.2	Surface Water Management	Surface Water Management is detailed in the Surface Water Characterisation and Management Plan (SWCMP) (refer Appendix E). Key measures include:

		• Maintaining the surface water management system as approved including maintaining the sealed surfaces to minimise the potential for surface water to infiltrate to ground water; • Flocculation of stored water in the basins as necessary; • Only commercially available non-toxic flocculants will be used at the site; • Water is used for dust suppression but is not used for product processing; • There are to be no significant excavations within the site; • Removal of sediment from the sedimentation basins when the sediment depth is greater than 200 mm; • Recycling of sediment if of appropriate quality or disposal to a facility approved to accept contaminated sediment; • Water in the final sedimentation basin is tested before a controlled discharge and, unless it overflows, is only be discharged if it meets water quality trigger values; • Water in the sedimentation basins is used for dust suppression to minimise the mains water required; • Groundwater is not used; • Surface water is only be discharged from the location specified in the EPL; • Overland flow from the facility is contained within the sealed areas of the site; • All excess water from the wheel wash is discharged into suitable holding tanks and removed from the facility for treatment at an appropriately licensed facility or via trade waste; • All waste unloaded at the public hand unloading area must be unloaded and stockpiled within the main processing building; • Ensuring the stormwater isolation valve remains in a closed position to contain chemical spills or fire water until manually opened following disposal of contaminated water to either trade waste or to a licensed facility; and • Ensuring all works carried out on the site that involve the disturbance of (or contact with) soil or groundwater are carried out in accordance with the requirements of the report titled Site Management Plan (AECOM 2009) refer Appendix H.
OP 5.3	Monitoring	A surface water monitoring program will be implemented to provide ongoing validation of the effectiveness of the management measures contained in the SWCMP. Details of the monitoring program are contained in the SWCMP.
OP 5.4	Recording	The Surface Water Monitoring results and the SWCMP will be published on Benedict's website. Records of surface water complaints are to be kept in MWRF's record system for at least four years.

4.6 TRAFFIC MANAGEMENT

The Operational Traffic and Pedestrian Management Plan (OTPMP), required under SSD Approval Condition B50, is contained in Appendix G. Key compliance considerations have informed the below procedure.

TRAFFIC MANAGEMENT	**OP 6**
Primary Environmental Goal	• Traffic is controlled to minimise any adverse affects caused by traffic entering, circulating & leaving the facility.
Related Environmental Goals	• Ensure compliance with SSD Approval; • Prevent degradation of local amenity; • Adequate staffing and training; • Provide and maintain a safe work environment; and • Adherence to the most recent version of the OTPMP approved by DPE.
Compliance	Key SSD Approval conditions include: • All vehicular movement to and from the site must be in a forward direction; • Internal roads, driveways and parking (including grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) associated with the Development are maintained in accordance with the latest version of Australian Standard 2890.1 and Australian Standard 2890.2. • Operations must not result in any vehicles queuing on the public road network or along the sites access road owned known as 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249) which is subject to a right of carriageway. • Pedestrian access paths are clearly marked and interactions between pedestrians and vehicles must be minimised. • Different activities such as unloading (public and contractor), processing and stockpiling areas at the site are clearly marked and separated by physical barriers to ensure safety is maintained; • Loading and unloading of vehicles is conducted only within the boundaries of the facility within designated areas; • Only light vehicles and trailers are permitted within the public unloading area, no heavy vehicles are permitted within the public unloading area. • Heavy vehicles are not permitted to access Werribi Street. • Customers are not permitted to leave their vehicles anywhere on the site other than the public unloading area and to access the pedestrian walkways between marked car parking spaces and the weighbridge and office area. • Parking is only permitted within the designated parking spaces. • Heavy vehicles and bins associated with the Development are not to be parked on local roads or footpaths in the vicinity of the site. • Vehicle manoeuvring areas must always be kept clear of any obstacles, including parked cars. • Vehicles accessing the development are not to queue on the public road network or along the sites access road.

		• All reasonable and feasible measures are to be implemented to minimise the impact on the site's access road and any impacts on 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249).
PROCEDURES		
OP 6.1	Traffic Management	Traffic Management for the following are outlined in the OTPMP: • Approved heavy vehicle routes; • Internal traffic management; • Driver code of conduct; • Refuelling procedures; and • NSW Oversize Overmass Loads.
OP 6.2	Traffic Control Signage	• Hours of operation; • "Conditions of Entry" including the Site Operators authority to direct traffic and pedestrian movement within the facility; • Speed instruction signage (10km/h max.); and • Directional signage.
OP 6.3	Monitoring	The OTPMP outlines monitoring that is to be conducted to review the effectiveness of onsite traffic management measures and driver behaviour.
OP 6.4	Recording	Any traffic incidents with actual or potential significant offsite impacts are to be reported to DPE within 7 days. Records of traffic complaints are to be kept in MWRF's record system for at least four years.

4.7 AIR QUALITY

The Air Quality Management Plan (AQMP), required under Condition B57 of the SSD Approval, is contained in Appendix F of this OEMP. Key compliance considerations have informed the below procedure.

Air Quality	**OP 7**
Primary Environmental Goal	• Dust generated by the facility shall not adversely affect the site or its surrounds
Related Environmental Goals	• Ensure compliance with SSD Approval; • Adherence to the most recent version of the Air Quality Management Plan approved by DPE; • Assuring quality of operations; • Adequate staffing and training; and • Providing and maintaining a safe work environment.
Compliance	Key SSD Approval and EPL conditions relevant to Air Quality management on the site are as follows: • The AQMP must be implemented for the duration of the development. • The meteorological station installed during the construction phase must be maintained to the satisfaction of the EPA for the life of the development. • All reasonable steps must be taken to minimise dust generated during all works authorised by this consent. • All on-site roads and car parking areas are sealed with concrete or asphalt. • All operating, storage, unloading and loading areas must be sealed with concrete, asphalt or other impervious barrier(s) of the same or greater quality. • Water sprinklers at the crushing and screening plant must be utilised at all time when the plant is operational. • Dust suppressants must be used to prevent particulate emissions from stockpiles and other dust generating sources. • Trucks and vehicles entering and leaving the Development that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading. • Crushing occurs for no more than 46 days per year in total. • Crushing does not occur during adverse meteorological conditions. • All operations and activities occurring at the Development must be carried out in a manner that minimises the emissions of air pollutants from the Development. • Trucks associated with the Development do not track dirt onto the public road network. • Public roads used by these trucks are kept clean. • Any works are carried out progressively on site to minimise exposed surfaces. • Air Quality Monitoring and Reporting of the Development is to be undertaken for the first three crushing events following the commencement of expanded operations and the report

		forwarded to the DPE within three months. • The facility must not cause or permit the emission of any offensive odour.
PROCEDURES		
OP 7.1	Air Quality Management	Key measures from the AQMP include: • All existing sealed/hardstand areas will be retained; • Water sprays will be used over any other bare or unsealed surfaces that have not yet been sealed and have the potential to generate unacceptable amounts of dust; • All vehicle movements will be restricted to designated routes marked out by appropriate signage and fencing using sealed internal roads; • Access to unsealed areas will be prevented; • Restricting stockpile height to 7m, as per the conditions contained within EPL 20771; • Water sprays will be used at stockpiles, crushing and screening plants and during material handling as necessary; • Ceasing or reducing processing operations and the loading/unloading of stockpiles during strong wind conditions; • Cleaning hardstand /roads by street sweeper; • Machinery will be serviced regularly, operated efficiently and turned off when not in use (ie avoid idling) to reduce emissions; and • A wheel wash will be used if required to clean truck tyres to prevent mud or sediment being carried to and deposited on the access road (and public roads).
OP 7.2	Monitoring	Dust generation will be monitored by: • Regular site monitoring by the Site Leading Hand/Supervisor; • Dust complaints received; and • Weekly inspection of wheel wash. Any dust complaints received are to be referred to the Site Leading Hand/Supervisor and to the Site Manager.
OP 7.3	Recording	Records of air quality complaints are to be kept in MWRF's record system for at least four years.

4.8 NOISE AND VIBRATION

Noise limits as specified in the EPL and SSD Approval are presented in Table 4.1 below. Conditions concerning approved hours of operation are detailed in Section 3.15

Table 4.1 EPL and SSD Approval Noise Limits

Receiver	Day LAeq (15 minute)	Evening LAeq (15 minute)	Night LAeq (15 minute)	Night LAMax
R1 Kerr Street	48	40	40	51
R2 Woodstock Street North East	49	41	41	52
R3 Woodstock Street North West	47	39	39	51
R4 Simpson Court	47	39	39	50
R5 Shelley Close	50	42	42	53
R6 Groongal Street East	48	41	41	51
R7 Groongal Street	48	41	41	52
R8 Groongal Street	48	40	40	52
R9 Gregson Avenue	49	42	42	52
R10 Gregson Avenue	49	41	41	51
R11 80 Gregson Aveune	49	42	42	52
R12 Terry Street	42	41	41	48
R13 Olearia Crescent	40	36	36	47
Mayfield West Primary School	Internal 35 dB(A) – Noisiest 1 hr period (when in use)			
Church of Christ	Internal 40 dB(A) LAeq, period (when in use)			
Scout Hall	External 55 dB(A) Leq, period (when in use)			

The noise limits above, apply in all meteorological conditions except the following:

- Wind speeds greater than 3 metres/second at 10 metres above ground level; or
- Stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or
- Stability category G temperature inversion conditions.

NOISE AND VIBRATION CONTROL	**OP 8**
Primary Environmental Goal	• Noise generated by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals	• Ensure compliance with EPL and SSD Approval; • Assuring quality of operations; • Preventing degradation of local amenity; • Adequate staffing and training; and • Providing and maintaining a safe working environment.
Compliance	Key SSD Approval and EPL conditions relevant to noise and vibration management on the site are as follows:

		Key SSD Approval and EPL conditions relevant to noise and vibration on the site are as follows: • Ensure noise limits do not exceed those prescribed in the EPL (refer Table 4 above). • The crusher and shredder are only permitted to be operated in the segregated heavy waste processing and stockpiling area, no further south than 130 m from the northern site boundary. • The mobile screens in the segregated heavy waste processing and stockpiling area must not be operated simultaneously with the crusher or shredder. • Best practice must be implemented, including all reasonable and feasible noise management and mitigation measures to minimise operational, low frequency and traffic noise generated by the Development. • Minimise the noise impacts of the Development during adverse meteorological conditions. • Maintain the effectiveness of any noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired. • Ensure all plant and equipment used on site are maintained and operated in a proper and efficient manner to minimise the likelihood of noise impacts associated with defective machinery. • Regularly assess noise emissions and relocate, modify and/or stop operations to ensure compliance with the relevant conditions of this consent. • Vibration caused by construction at any residence or structure outside the site must be limited to: for structural damage, German Standard DIN 4150 Part 3 Structural Vibration in Buildings. Effects on Structures; and for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation, 2006).
PROCEDURES		
OP 8.1	Noise Management	Noise will be controlled by: • Limiting the hours and types of operation to that which is approved; • Using stockpiles placed between machinery and boundaries as noise barriers; • Ensuring that plant and equipment are operated such that the noise centre is no higher than the solid boundary fences or stockpiles; • Limiting machinery used to that which meets noise generation guidelines for this type of operation; • The correct operation and maintenance of machinery; • Plant and equipment with high noise emissions to be located on the northern side of the site, furthest away from potentially noise affected neighbours; • Plant and equipment will be regularly maintained and serviced; • Broadband reversing alarms (growlers) will be used; • A site layout that minimises the need for mobile plant to reverse;

		• Plant and equipment will be switched off when not in use; • Any vehicle queuing will be on site rather than public roads; • Material drop heights will be minimised and dragging materials along the ground will be minimised; • Site contact details will be provided on a board at the front of the site; and • Any noise-related complaints will be handled promptly.
OP 8.2	Monitoring	The site is monitored regularly by the Site Leading Hand/Supervisor for noise generation during unloading, processing and loading operations with control activities implemented as required. Monitoring will be accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy.
OP 8.3	Recording	Records of noise complaints are to be kept in MWRF's record system for at least four years.

4.9 PEST, VERMIN AND NOXIOUS WEEDS CONTROL

PEST AND VERMIN CONTROL		**OP 9**
Primary Environmental Goal		• Pests and vermin attracted by the facility shall not adversely affect the site or its surrounds. • Ensure weed species managed under the Biosecurity Act 2015 are controlled on site.
Related Environmental Goals		• Ensure compliance with SSD Approval and EPL; • Assuring quality of operations; • Adequate staffing and training; and • Providing and maintaining a safe working environment.
Compliance		• MRF must implement suitable measures to manage pests, vermin and declared noxious weeds on the site; and inspect the site on a regular basis to ensure that these measures are working effectively, and that pests, vermin or noxious weeds are not present on site in sufficient numbers to pose an environmental hazard, or cause the loss of amenity in the surrounding area.
PROCEDURES		
OP 9.1	Pest and Vermin Control	The site is monitored for pest and vermin and control activities implemented as required.
OP 9.2	Pest and Vermin Management	Pests, vermin will be controlled by: • Removal of residual waste in a timely fashion; • Regular cleaning of the waste receival, stockpiling and processing areas; • Weeds controlled under the Biosecurity Act 2015 will be manually removed (to avoid impact on surface water) and disposed at a facility licensed to accept general putrescible waste; • Litter control and removal by fencing and by patrolling fencing lines and removing litter for disposal; • Surface drainage minimising ponding on the site; and • Populations being controlled as appropriate.
OP 9.3	Monitoring	The presence of pests and vermin will be monitored by visual inspections on a weekly basis.
OP 9.4	Recording	Records of eradication programs undertaken are to be kept in MWRF's Record System for at least four years.

4.10 LITTER CONTROL

LITTER CONTROL		**OP 10**
Primary Environmental Goal		• Litter generated by the facility shall not adversely affect the site or its surrounds.
Related Environmental Goals		• Ensure compliance with SSD Approval and EPL; • Assuring quality of operations; • Preventing unauthorised entry; and
PROCEDURES		
OP 10.1	Litter Control	The site is monitored for litter and control activities implemented as required.
OP 10.2	Litter Management	Litter will be controlled by: • Removing processed material and residual waste regularly; • Patrolling litter fences and fence lines on a weekly basis; and • Visually inspecting adjacent properties for litter and by organising its collection and disposal.
OP 10.3	Monitoring	Litter will be monitored by: • Regular site monitoring by the Site Leading Hand/Supervisor and Site Operator; and • Litter complaints received.
OP 10.4	Recording	Records of litter complaints are to be kept in MWRF's Record System for at least four years.

4.11 SECURITY OF SITE

SITE SECURITY		**OP 11**
Primary Environmental Goal		• Preventing unauthorised entry to the facility.
Related Environmental Goals		• Ensure compliance with SSD Approval; • Assuring quality of incoming waste; • Preventing degradation of local amenity; and • Providing and maintaining a safe work environment.
Compliance		The key SSD Approval conditions relevant to security on the site are as follows: • The 1.8 m perimeter fence and security gates on the site must be maintained in accordance with Council's requirements; and • Ensure the security gates are locked whenever the site is not in operation or is unattended.
PROCEDURES		
OP 11.1	Site Security Management	Access to the facility and its operations is managed to ensure there is no unauthorised entry or dumping at the facility or in its vicinity.
OP 11.2	Site Security	Site security will be maintained on the site by ensuring: • All fences, gates and facilities are maintained and locked when the facility is not open; and • Communication systems are available for staff working on site.

4.12 FIRE MANAGEMENT

The site's emergency response plan is contained

FIRE MANAGEMENT		**OP 12**
Primary Environmental Goal		• Minimising the risk of fire damage to the facility and its surrounds.
Related Environmental Goals		• Ensure compliance with SSD Approval; • Assuring quality of operations; • Preventing unauthorised entry; • Preventing degradation of local amenity; • Adequate staffing and training; and • Providing and maintaining a safe working environment.
		Key SSD Approval and EPL conditions relevant to Fire Management on the site are as follows: • The emergency response plan must be kept on the premises at all times. The emergency response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire). • In accordance with Clauses E1.10 and E2.3 of Vol. 1 of the National Construction Code (NCC) the site must be maintained in a manner which meets the operational requirements of FRNSW. • The stockpile storage within any building and/or open yard storage on the allotment be limited in size and volume and arranged to minimise fire spread. • The arrangement of stockpiles of combustible material, stored externally, on the allotment be sufficiently separated to permit FRNSW vehicle access between stockpiles. • The site must be serviced by a fire hydrant system that has a minimum water supply capable to extinguishing the sites largest fire load stockpile. • Buildings which store recyclable material must include a smoke hazard system that facilitates FRNSW fire fighting operation. • The containment on-site of fire water run-off.
PROCEDURES		
OP 12.1	Fire Management	The facility is assessed for fire risk levels and preventative/minimisation activities implemented as required. A fire safety compliance certificate for the site will be obtained annually. The current certificate (issued 22/06/2018) certifies that the site is compliant to the relevant clauses of the NCC including E2.3. This certificate is appended to this OEMP as Appendix L. It is also included in the ERP (refer Appendix K).
OP 12.2	Fire Prevention	The potential for fires will be minimised by: • Managing the site in accordance with the relevant clauses of the NCC Part E1 Fire Fighting Equipment and E2 Smoke hazard management. • Provisions for special hazards due to the nature of material

		stored onsite include; • maintaining multiple accesses for fire fighting vehicles into and out of the main processing shed; • provision of three fire hydrants down the western side of the main processing shed; • maintaining sufficient separation between stockpiles to permit FRNSW vehicle access between stockpiles; and • Stockpiles of combustible material (namely timber) to be suitable segregated from potential ignition sources. • Access gates being locked at all times outside opening hours; • Maintenance of boundary fences; • Maintenance of lockable gates; • Accepting only permitted wastes; • Regularly removing residual waste from the site; • Conducting regular litter patrols; • Maintaining machinery in good working order to minimise the risk of sparks; • Maintenance of fire fighting equipment; • Consultation with the NSW Fire Brigade; and • Maintaining the quantities of dangerous goods stored and handled at the site below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.
OP 12.3	Fire Fighting	Fire fighting shall be undertaken in association with the NSW Fire Brigade: **Telephone: Emergency 000 and ask for Fire Brigade** Small fires are to be extinguished utilising the fire hoses and sprinkler systems provided on site in the first instance.
OP 12.4	Recording	Following containment of the fire the Site Manager in conjunction with the Site Leading Hand/Supervisor is responsible for preparing an Incident Report Form as per the procedure contained in OP13 (Section 5.4). This report is to be recorded on MWRF's records system and is to include: • Time and date of the start of the fire; • Cause of the fire (if known); • Time and date the fire was extinguished; • Location of the fire; • Weather conditions at the time of the fire; • Details and observation of the directions and dispersion rate of the smoke from the fire; • Details of any complaints from the public regarding the smoke; and • Actions that could be taken to prevent recurrence.

4.13 SPILL MANAGEMENT

SPILL MANAGEMENT	**OP 13**
Primary Environmental Goal	• Stop any spillage of substances from affecting the site and its surrounds.
Related Environmental Goals	• Ensure compliance with SSD Approval; • Assuring quality of operations; • Preventing unauthorised entry; • Preventing degradation of local amenity; • Adequate staffing and training; and • Providing and maintaining a safe working environment.
Compliance	Key SSD Approval conditions relevant to Spill Management on the site are as follows: • Any spills must be contained and disposed of at a licensed facility. • Any servicing and repair work on motor vehicles or mobile plant is to be carried out within a sealed area that has environmental controls appropriate for servicing or repair work. This must include bunding where the work could result in liquids being spilled. • A diesel spill kit must be stored in the refuelling area and deployed in the event of a spill. • Overfilling of the onsite diesel tank must be prevented through gauging and monitoring of the tank's contents. • Hoses used for transfer of diesel must be inspected weekly. • In an emergency, flow of liquid from the storage tank to a consuming device must be immediately shut off. • The stormwater isolation valve must be closed at all times unless stormwater is being discharged and its closure must be monitored weekly. • During an incident, the stormwater isolation valve must remain in the closed position until manually opened upon confirmation that stormwater isolation is no longer required or once any contaminated water is disposed via trade waste or at a site that can lawfully receive the waste. • The quantities of dangerous goods stored and handled at the site must be below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times. • All fuels, chemicals and oils on site will be stored in appropriately bunded areas in accordance with the relevant Australian Standards, and the EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual (DECC, 2007). • To ensure that chemical spills and fire water are contained on site, during an incident, Benedict must insure the stormwater valve remains in a closed position until manually opened upon confirmation that stormwater isolation is no longer required.
PROCEDURES	

OP 13.1	Spill Management	The facility is regularly assessed to determine the level of risk of materials spill that may adversely affect the site and its surrounds. The stormwater isolation valve will remain in a closed position at all times unless a controlled discharge is occurring. The location of the stormwater isolation valve is shown on the site's emergency evacuation plan contained in the Emergency Response Plan (Appendix K).
OP 13.2	Spill Prevention	The potential for spills will be minimised by: • Inspecting incoming waste for liquids; • Re-fuelling operations of plant to be undertaken by suitably trained personnel; • Provision of spill kits and training of personnel in their use; • Storage of oils, chemicals and fuels in appropriately bunded areas; • Consultation with the NSW Fire Brigade; and • Compliance with the relevant SSD Approval conditions.
OP 13.3	Monitoring	• The stormwater valve will be checked on a weekly basis to ensure it remains in a closed position; and • Diesel hoses must be monitored weekly.
OP 13.4	Incident Reporting	All spills that occur on the site shall be reported using MWRF's Incident Reporting System OP 16

4.14 DECOMMISSIONING

A Conceptual Decommissioning Management Plan (CDMP), as required by Condition B84 of the SSD Approval is contained in Appendix I. The CDMP must be reviewed 12 months prior to the closure of the facility to the satisfaction of DPE.

SSD Approval Condition A13, requires that the date of closure of the facility and commencement of decommissioning activities must be notified to the Department of Planning and Environment at least one month prior to the respective development phases.

5 IMPLEMENTATION OF OEMP

5.1 ROLES AND RESPONSIBILITIES

5.1.1 SITE MANAGER

The MRF Site Manager is responsible for the following:

- Ensure the MRF complies with all relevant licences, approvals and applicable legislation;
- Approve and implement the OEMP;
- Allocate project resources to manage environmental issues on site;
- Take action to resolve non compliances;
- Ensure site personnel receive appropriate environmental awareness training and support site personnel to comply with EPL and SSD Approval conditions;
- Review the OEMP and sub plans as required; and
- Report to senior management on the performance of the OEMP, environmental incidents/non compliances and improvement opportunities.

5.1.2 SITE SUPERVISOR

The MRF Site Supervisor is responsible for the following:

- Ensure that the site complies with relevant licences, acts and regulations;
- Ensure that the site complies with relevant licences, acts and regulations;
- Identify non-conformances and notify the Site Manager;
- Undertake and/or co-ordinate environmental monitoring requirements specified within the EPL; and
- Deliver environmental awareness training.

5.1.2 ALL PERSONNEL

All site personnel are responsible for the following:

- Comply with relevant Acts, Regulations and Standards;
- Comply with Benedict policies and procedures;
- Comply with management / supervisory directions;
- Promptly report any non-conformances and/or breaches to management; and
- Participate in induction and training as directed.

5.2 TRAINING

All MRF employees and subcontractors (as necessary) receive environmental training, to ensure they are of aware of their responsibilities and have the necessary knowledge and skills to carry out their work.

Environmental requirements are explained to employees as part of Benedict corporate and site inductions. Training is ongoing as required. All inductions and ongoing training is to be recorded.

Employees and contractors are to receive training in the following areas:

- OEMP including sub plans;
- EPL and SSD Approval compliance;
- Significant environmental risks, impacts and controls;
- Pollution Incident Response Management Plan;
- Emergency Management Plan; and
- Understanding their legal obligations.

STAFF TRAINING REQUIREMENTS		**OP 14**
Primary Environmental Goals		• Staff are trained in these and referenced procedures to ensure the protection of the environment; and • Staff and contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of SSD Approval relevant to activities they carry out on site.
Related Environmental Goals		• Assuring quality of operation; • Adequate fire fighting capacity; and • Providing and maintaining a safe working environment.
PROCEDURES		
OP 14.1	Staff Training	All staff to undertake training to enable them to competently and safely carry out their assigned duties. Specifically: • All staff employed at the facility are to be trained in the requirements and operational procedures of the OEMP; • Operators of equipment must be trained and skilled at undertaking the task allocated to them; and • Staff must be capable of identifying wastes that are not permitted to be disposed of at the facility.
OP 14.2	Monitoring	Staff competency will be monitored though: • Site audits; • Annual staff competency assessments; • Customer complaints received; and • Incident reports.
OP 14.3	Responsibility	Site Operator is responsible for: • Carrying out tasks in a safe manner and in accordance with the procedures in which he/she have been trained. Site Leading Hand/Supervisor is responsible for: • Carrying out tasks in a safe manner and in accordance with the procedures in which he/she has been trained. Site Manager is responsible for: • Implementing this procedure; • Arranging for staff competency assessments and training to ensure that all staff working at the facility are able to perform their duties in a safe and competent manner; and • Ensuring that the nominated officers have been trained in the requirements of this procedure.

5.3 COMMUNITY CONSULTATION AND COMPLAINTS HANDLING

COMMUNITY CONSULTATION AND COMPLAINTS HANDLING		**OP 15**
Primary Environmental Goals		• Notifying stakeholders regarding key aspects of the operations on site; and • Environmental problems identified complaints are investigated and acted upon if required.
Related Environmental Goals		• To understand any concerns of local community groups; • Preventing degradation of local amenity; and • Adequate staffing and training.
Compliance		Key SSD Approval conditions relevant to Community consultation and complaints handling on the site are as follows: • Requirement to consult with the community regularly throughout the Development; • Regular reporting on the environmental performance of the Development is to be included on the Benedict website; and • Lighting associated with the Development is to comply with the AS 4282 (INT) Control of Obtrusive Effects of Outdoor Lighting; and be mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network including at night.
PROCEDURES		
OP15.1	Consultation	Community consultation activities include: • A dedicated Benedict webpage; • A community telephone line to provide a central point of contact for community enquiries; and • Newsletters sent to adjacent landholders, sensitive receivers and relevant regulatory authorities to notify of a 24 hour waste receival period along with a description of the major infrastructure projects which necessitate the 24-hour operations.
OP15.2	Website	The following are to be published on the website: • All current statutory approvals for the Development; • The OEMP, including subplans; • Summary of the monitoring results; • Complaints register updated on a monthly basis; and • Annual reviews and independent environmental audits.
OP 15.3	Complaints reporting	Complaints received from an outside party shall be reported immediately to the Site Leading Hand/Supervisor and the Site Manager
OP 15.4	Investigations	Any complaint received will be investigated including: • The cause of the complaint; • The climatic conditions at the time of the incident which is the cause of the complaint; • If known, the date and time the incident took place; • The occurrence of similar complaints in the past; and
OP 15.5	Recording	Details of the complaint received, investigations and actions taken are to be recorded on MWRF's corporate records system. Records of complaints are to be kept for at least four years.

5.4 INCIDENT REPORTING

INCIDENT REPORTING		**OP 16**
Primary Environmental Goal		• Reporting incidents so that potential environmental hazards are identified.
Related Environmental Goals		• Ensure compliance with SSD Approval; • Preventing pollution of water; • Management of stormwater; • Management of wastewater; • Prevention of degradation of local amenity; • Preventing unauthorised entry; • Adequate fire fighting capacity; • Adequate staffing and training; and • Providing and maintaining a safe working environment.
PROCEDURES		
OP 16.1	Internal Reporting	In all cases where an incident or accident occurs which has the potential to harm the environment the incident is to be reported immediately to the Site Leading Hand/Supervisor.
OP 16.2	External Reporting	Any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment associated with the MWRF must be immediately reported to the EPA and DPE as soon as Benedict becomes aware of the incident. The incident is also to be immediately reported by telephoning: • **EPA Newcastle office: 02 4908 6800** • **EPA Pollution Hotline: 131 555** Formal written advice of the incident is to be forwarded toDPE and EPA within 7 days of the incident. **NOTE: The external reporting requirement does not apply when the harm or potential for harm is permitted for the site.**
OP 16.3	Reportable Incidents	Reportable incidents include: • Dumping of a prohibited waste on site • Failure of the sediment pond • Any other incident or observation that could pose an immediate environmental hazard that is not characteristic of the normal operations of the facility.
OP 16.4	Incident Reports	Following containment and/or amelioration of the incident, an Incident Report is prepared. This report is to be recorded on MWRF's record system and should include: • Time and date the incident occurred • Party recording the incident • Nature, details, location and cause of the incident • Duration of the incident • Actions to be taken to contain and/or ameliorate the effects of the incident • Name, addresses and telephone numbers of witnesses to the

		incident • Actions that could be taken to minimise the risk of such incident recurring Records of the incident are to be kept for at least four years.

5.5 EMERGENCY REPONSE MANAGMENT

The following priorities are adopted when facing an emergency situation at the MRF:

- Protection of human life and welfare;
- Protection of the environment; and
- Protection of Veolia's assets.

An Emergency Management Plan has been developed by Benedict as a means of identifying potential emergency situations and identifying the appropriate response that should be followed when dealing with an emergency. The Emergency Management Plan is appended to the OEMP as Appendix K and includes:

- Emergency Control Organisation;
- Fire Safety Equipment and Systems;
- Evacuation Plan;
- Fire Hydrant Block Plan;
- Fire Sprinkler Block Plan;
- Emergency Procedures for:
  - Fire or explosion;
  - Medical Emergency;
  - Phone threat;
  - Severe storm;
  - Gas leak and airborne contaminants;
  - Civil disturbance; and
  - Stockpile fire management.

5.6 DOCUMENT CONTROL

To ensure the OEMP and sub plans are updated on a regular basis and to incorporate additional management measures (as required), the OEMP is to be reviewed and revised if necessary within three months of the following:

- DPE Approval of an Annual Review;
- Approval of a modification;
- Submission of an incident report;
- Completion of an audit; and
- Fire Safety Equipment and Systems.

All revisions to the OEMP are to be approved by DPE prior to implementation.

The OEMP is to be distributed to all appropriate staff involved in the operation and management of the facility. Revised and updated versions of the OEMP and sub plans, once approved, supersede earlier versions must be issued to all registered holders of the OEMP with a memo summarising the changes.

A register is to be maintained detailing the new version number and the date of issue.

6 COMPLIANCE REPORTING

Compliance reporting is required to provide a systematic review of the environmental performance of the MRF in accordance with legislative requirements. The reports required are summarised in Table 6.1.

Table 6.1 Required reporting

Type of Report	Frequency	Distribution	Report Inclusions
Incident reporting	Notify immediately and report within 7 days	DPE and EPA	Written report detailing the date, time, nature, cause of the incident and preventative /corrective actions.
Annual Review	Yearly	DPE	Written report including, the following: • Conditions compliance report; • Review of complaints; • Review of monitoring results including a comparison of these against the relevant statutory requirements; • Detail and provide evidence for the number of days crushing has occurred and of 24-hour waste receival operations; • Identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance; • Identify any trends in the monitoring data over the life of the Development; • Identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and • Describe what measures will be implemented over the next year to improve the environmental performance of the Development.
Annual Return	Yearly	EPA	Online form submission
Independent Environmental Audit	Within 1 year of commencement of expanded operations and every 3 years thereafter	DPE	This audit must be conducted by an independent party endorsed by DPE and include: Consultation with relevant agencies; • An assessment of the environmental performance of the development and compliance with relevant approvals; and • Recommend measures or actions to improve performance.

APPENDIX A – COMPLIANCE REGISTER

Condition	Requirement	Where Addressed in OEMP
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development, and any rehabilitation required under this consent.	Management Measures documented in Chapter 6 of this OEMP
A2	The Development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with the directions of the Secretary; (c) in accordance with the EIS, RTS and Amended Application; (d) in accordance with development layout plans and drawings in the RTS and Amended Application (see Appendix A); and (e) in accordance with the management and mitigation measures (see Appendix B).	Compliant OEMP addresses compliance of all conditions of consent. Management measures of RTS included in Chapter 6.
A3	Consistent with the requirements in this consent, the Secretary may make written directions to the Applicant in relation to: (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Secretary; and (b) the implementation of any actions or measures contained in any such document referred to in (a) above.	Noted
A4	The conditions of this consent and directions of the Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c), A2(d) and A2(e). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c), A2(d) and A2(e) the most recent document prevails to the extent of the inconsistency, ambiguity or conflict. Note: For the purposes of this condition, there will be an inconsistency between documents if it is not possible to comply with both documents, or in the case of a condition of consent or direction of the Secretary, and a document, if it is not possible to comply with both the condition or direction, and the document.	Noted
A5	This consent lapses five years after the date from which it operates, unless the Development has physically commenced on the land to which the consent applies before that date.	Noted
A6	The Applicant must not receive or process on site more than 315,000 tonnes per year of general solid waste (non-putrescible).	Section 3.1 and Appendix D
A7	A7. The Applicant must not: (a) crush more than 71,000 tonnes per year of waste; and (b) shred more than	Section 3.1and Appendix D

	5,400 tonnes per year of timber.	
A8	The amount of waste stored on site at any one time must not exceed 53,733 tonnes.	Section 3.1 and Appendix D
A9	This consent does not permit any areas of the site to be leased to third parties for storage purposes or approval of any portion of the site as a storage premises.	Noted
A10	The Applicant shall aim to achieve a recycling rate of 95% of all waste and a disposal rate of not more than 5% to landfill	Appendix D
A11	Stockpiles of waste and recycled product on-site must not be more than seven (7) metres in height when measured from the finished ground level of the site.	Section 3.1 and Appendix D
A12	Heavy vehicles are not permitted to access Werribi Street.	Section 4.6 and Appendix G
A13	The date of commencement of each of the following phases of the Development must be notified to the Department in writing, at least one month before that date: (a) construction; NSW Government 2 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (b) operation; (c) cessation of operations; and (d) decommissioning.	Section 4.14 and Appendix I
A14	If the construction or operation or decommissioning of the Development is to be staged, the Department must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the Development to be carried out in that stage.	Noted
A15	With the approval of the Secretary, the Applicant may: (a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the Development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and (c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the Development).	Noted
A16	If the Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Noted
A17	If approved by the Secretary, updated strategies, plans or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.	Section 5.6
A18	The Applicant must retain all weighbridge records as required by the POEO (Waste) Regulation and for the life of the Development. The weighbridge records must be made immediately available on request by the Secretary and/or the EPA.	Section 4.2

A19	The Applicant must retain waste classification records for all wastes received on the site and waste disposed from the site for the life of the Development. The waste classification records must be made immediately available on request by the EPA and/or the Secretary.	Section 4.2 and Appendix D
A20	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document to the Secretary for approval; and (b) provide details of the consultation undertaken including: (i) a description of how matters raised by those consulted have been resolved to the satisfaction of both the Applicant and the party consulted; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Consultation documented as required in OTPMP (Appendix G) and SWCMP (Appendix E)
A21	The Applicant must ensure that all licences, permits and approval/consents are obtained as required by law and maintained as required throughout the life of the Development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approval/consents.	Section 2
A22	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the Development, must be constructed in accordance with the relevant requirements of the BCA.	N/A to operations
A23	Prior to the commencement of the operations, the Applicant must obtain a Building Information Certificate from Council in accordance with Division 6.7 of the Environmental Planning and Assessment Act 1979. Note: • Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. • Part 8 of the EP&A Regulation sets out the requirements for the certification of the Development.	N/A to operations
A24	Prior to the construction of any utility works associated with the Development, the Applicant must obtain relevant approvals from service providers	N/A to operations
A25	Before the commencement of construction, the Applicant must: (a) consult with the relevant owner and provider of services that are likely to be affected by the Development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure; (b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters and footpaths); and (c) submit a copy of the dilapidation report to the Secretary and Council.	N/A to operations
A26	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the Development; and (b) relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the Development.	Noted
A27	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made	Section 5.2

	aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the Development.	
A28	Prior to the commencement of the operations, a contribution must be paid to Council in accordance with Section 7.12 of the EP&A Act, in particular the City of Newcastle Section 94A Development Contributions Plan 2009 (Updated July 2017) (adjusted on a quarterly basis (from the date of this consent), to account for movements in the Australian Bureau of Statistics Consumer Price Index – Building Construction (NSW)). A receipt for the payment to Council of the Section 7.12 Levy Contributions must be submitted to the Secretary prior to the commencement of the operations. Note: The Section 7.12 Levy as determined at the date of this consent is $3938.69	N/A to operations
A29	All plant and equipment used on site, or to monitor the performance of the development must be: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner	Sections 4.7, 4.8 & 4.13 and relevant sub plans.
A30	Prior to the commencement of operations and in order for the development of land to proceed in a coordinated and orderly manner and to avoid potential conflicts with this consent, the Applicant must modify DA2015/0291 (described in Table 1) pursuant to Section 4.17(1)(b) of the Environmental Planning and Assessment Act 1979 and Clause 97 of the Environmental Planning and Assessment Regulation 2000 such that the recycling facility including acceptance of up to 90,000 tonnes per annum of waste (pre-classified general solid wastes (non-putrescible waste)) is removed from the development consent.	N/A to operations
B1	All waste materials removed from the site must only be directed to a waste management facility or premises lawfully permitted to accept the materials.	Section 4.2 and Appendix D
B2	Waste generated outside the site must not be received at the site for storage, treatment, processing, reprocessing, or disposal, except as expressly permitted by an EPL.	Section 4.2 and Appendix D
B3	The Applicant must record the amount of waste (in tonnes) received at the site on a daily basis.	Section 4.2 and Appendix D
B4	The Applicant must retain all sampling and waste classification data for the life of the Development in accordance with the requirements of the EPA.	Sections 4.2 &4.3 and Appendix D
B5	No biochar production or storage is approved under the terms of this consent	Section 4.2 and Appendix D
B6	The Applicant must only receive waste on site that is authorised for receipt by an EPL.	Sections 4.2 &4.3 and Appendix D
B7	The Applicant must ensure any waste generated on the site during construction and from general office activities is classified in accordance with the EPA's Waste Classification Guidelines, 2014 or its latest version, and disposed of to a facility that may lawfully accept the waste.	Section 4.2 and Appendix D
B8	Loads predominantly containing glass are not permitted to be crushed at the site.	Section 4.2 and Appendix D
B9	The Applicant must: (a) implement auditable procedures to: (i) ensure the site does not accept wastes that are prohibited; and (ii) screen incoming waste loads. (b) ensure that: (i) all waste types that are controlled	Section 4.2 and Appendix D

	under a tracking system have the appropriate documentation prior to acceptance at the site; (ii) all waste received at the site must be recorded in accordance with clause 27 of the POEO (Waste) Regulation; (iii) details of the quantity, type and source of wastes received on the site must be provided to the EPA and the Secretary when requested; and (iv) staff receive adequate training in order to be able to recognise and handle any hazardous or other prohibited waste including asbestos.	
B10	The Applicant must assess and classify all liquid and non-liquid wastes to be taken off site in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste, November 2014, or its latest version and dispose of all wastes to a facility that may lawfully accept the waste.	Sections 4.2 &4.3 and Appendix D
B11	All waste must be: (a) stored wholly within the designated waste stockpile areas. (b) loaded and unloaded within the designated loading and unloading areas.	Section 4.2 and Appendix D
B12	From the commencement of operations, the Applicant must implement a Waste Monitoring Program for the Development. The program must: (a) be prepared by a suitably qualified and experienced person(s) prior to the commencement of operations; (b) include suitable provision to monitor the: (i) quantity, type and source of waste received on site; (ii) type of waste and the material crushed and shredded on site; (iii) quantity, type and quality of the outputs produced on site; and (iv) number of days crushing has occurred per calendar year. (c) ensure that: (i) all waste that is controlled under a tracking system has the appropriate documentation prior to acceptance at the site; and (ii) staff receive adequate training to be able to recognise and handle any hazardous or other prohibited waste including asbestos.	Sections 4.2 & 4.3 and Appendix D
B13	Prior to the commencement of operations, the Applicant must prepare a Waste Management Plan (WMP) for the Development to the satisfaction of the Secretary. The WMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The WMP must: (a) detail the type and quantity of waste to be received during operation of the Development; (b) include details of stockpile limits in the incoming waste receival area and waste storage areas; (c) include procedures for ensuring no build-up of waste will occur in the incoming waste receival area during unexpected machinery breakdown and 24-hour waste receival for major infrastructure projects; and (d) details the requirements for non-conforming waste handling and removal.	Appendix D
B14	The Applicant must: (a) not commence the operations until the Waste Management Plan required by Condition B13 is approved by the Secretary; and (b) implement the most recent version of the Waste	Noted

	Management Plan approved by the Secretary	
B15	The Applicant must: (a) implement suitable measures to manage pests, vermin and declared noxious weeds on the site; and (b) inspect the site on a regular basis to ensure that these measures are working effectively, and that pests, vermin or noxious weeds are not present on site in sufficient numbers to pose an environmental hazard, or cause the loss of amenity in the surrounding area. Note: For the purposes of this condition, noxious weeds are those species subject to an order declared under the Noxious Weed Act 1993.	Section 4.9
B16	Prior to the commencement of construction, the Applicant must install and maintain suitable erosion and sediment control measures on-site, in accordance with the relevant requirements in the latest version of the Managing Urban Stormwater: Soils and Construction Guideline and the Erosion and Sediment Control Plan included in the CEMP required by Condition C1.	N/A Construction
B17	The Development must comply with Section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided in an EPL.	Section 2.2
B18	Any discharge or water quality criteria specified under the EPL must be complied with.	Section 4.5 and Appendix E
B19	Surface water must only be discharged from the location specified in the EPL.	Section 4.5 and Appendix E
B20	Overland flow from the Development must be contained within the sealed areas of the site.	Section 4.5 and Appendix E
B21	Any spills must be contained and disposed of at a licenced facility.	Section 4.5 and Appendix E
B22	Any servicing or repair work on motor vehicles or mobile plant is to be carried out within a sealed area that has environmental controls appropriate for servicing or repair work. This must include bunding where there this work could result in liquids being spilled.	Section 4.5 and Appendix E
B23	The floor of the truck wash is to be suitably graded and or bunded across the external door openings to prevent the escape of stored materials, process water or spilt liquids.	N/A Construction
B24	All excess water from the truck wash and wheel wash is to be discharged into suitable holding tanks and removed from the facility for treatment at an appropriately licensed facility or via trade waste.	Section 4.5 and Appendix E
B25	Prior to the commencement of operations, the Applicant must design, install and operate a surface water management system for the Development. The system must: (a) be designed and constructed by a suitably qualified and experienced person(s) endorsed by the Secretary; NSW Government 6 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (b) be generally in accordance with the conceptual design in the RTS, the letter titled Mayfield West Recycling Facility (SSD 7698) – Water Assessment, dated 8 September 2017 prepared by EMM and applicable Australian Standards;	N/A Construction

	(c) ensure that the system capacity has been designed in accordance with Australian Rainfall and Runoff (Engineers Australia, 2016) and Managing Urban Stormwater: Council Handbook (EPA, 1997); (d) include detention basins with a minimum capacity to contain the 90th percentile rainfall over any consecutive 5 day period in accordance with Managing Urban Stormwater - Soils and Construction Vol. 2B: Waste landfills (Department of Environment and Climate Change NSW, 2008). The wet weather capture capacity requirements of the sediment basins and water treatment system may be modified by the EPL subject to the required surface water characterisation (Condition B33); (e) ensure vegetation within the sediment basin and perimeter drain has been removed and the surface water infrastructure has been sealed to prevent surface water infiltration to groundwater; and (f) bund any potentially contaminating waste, any surface water leaving this area must be directed to the three-stage pit or equivalent for treatment, the water must then be directed to holding tanks for testing and depending on its quality either discharged to the perimeter drain or sewer as trade waste see Appendix A.	
B26	The Applicant must provide a Compliance Certificate to the Secretary prior to the commencement of operations, that confirms the surface water management system has been designed and installed as per the requirements of Condition B25 and the alterations will not impede or divert natural surface water runoff so as to cause a nuisance to adjoining properties.	N/A to operations
B27	Prior to the commencement of operations, works-as-executed drawings signed by a registered surveyor must be submitted to the certifying authority demonstrating that the stormwater drainage and finished ground levels have been constructed as approved.	N/A to operations
B28	The surface water management system must be operated and maintained for the duration of the Development.	Section 4.5 and Appendix E
B29	The Applicant must maintain the surface water management system to minimise the infiltration of surface water to groundwater. This includes inspecting the infrastructure monthly for cracking and vegetation break through, removing the vegetation and sealing the infrastructure. Any maintenance on the surface water management system must be undertaken by a suitably qualified and experienced person(s), a record of these works must be kept for the life of the Development.	Section 4.5 and Appendix E
B30	The Applicant must maintain the surface water detention basins on site with a minimum capacity to contain the 90th percentile rainfall over any consecutive 5-day period in accordance with Managing Urban Stormwater - Soils and Construction Vol. 2B: Waste landfills. The Managing Urban Stormwater series of document relate to clean sediment and therefore the wet weather capture and storage capacity requirements of the sediment basins and treatment systems may be modified by the EPL based on the required surface water characterisation (Condition B33).	Section 4.5 and Appendix E

B31	The Applicant must ensure that a visible marker is installed in the sediment detention basin in a position that shows the freeboard in the basin that equates to the volume required to contain all rainfall and runoff in the catchment from a 90th percentile rainfall event over any consecutive 5-day period.	Section 4.5 and Appendix E
B32	All waste unloaded at the public hand unloading area must be unloaded and stockpiled underneath the public unloading awning or within the main processing building.	Sections 4.2 and 4.5 and Appendix E
B33	B33. Prior to the commencement of operations, the Applicant must prepare a Surface Water Characterisation and Mitigation Plan (SWCMP) to the satisfaction of the Secretary to characterise the surface water and implement a mitigation plan, the SWCMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The SWCMP must: (a) be carried out by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with the EPA; (c) detail the triggers of when the pump which transfers surface water from the three-stage pit to the holding tanks would be activated; (d) detail the type and size of the bunding around the potentially contaminating waste area; (e) detail the frequency of overflows from the three-stage pit and sediment basin; (f) collect representative samples, including a minimum of four surface water samples from the sediment basin and the three-stage pit. The surface water samples must be analysed for the analytical suite identified in Table 3.16 of the RTS; (g) characterise the surface water for the entire development and detail the potential impact of discharges on receiving surface waters with reference to ANZECC (2000) assessment criteria; NSW Government 7 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (h) be based on the results of the surface water characterisation, investigate all practical alternatives to discharge and whether sediment basin sizing, at-source pollution controls, tertiary water treatment, water treatment plants and other treatment and reuse options are appropriate; (i) provide the Secretary with a timeframe for and implement the measures identified in sub-clause (h); (j) consider the human health risks associated with the surface water reuse process at the site; (k) include details of the maintenance procedures of the sediment basins and surface water infrastructure; (l) describe the procedures for maintaining vegetation along the perimeter drain and sediment basin; (m) establish an ongoing surface water monitoring program to validate the proposed mitigation measures. The surface water monitoring program must provide monitoring details of surface water flows, quality, storage and discharge limits; (n) identify measures for managing pollutant exceedances; and (o) identify contingency options to account for any mitigation measures that do not adequately address	Appendix E

	the site water pollution risks.	
B34	B34. The Applicant must: (a) not commence the operations until the SWCMP required by Condition B33 is approved by the Secretary: and (b) implement the most recent version of the SWCMP approved by the Secretary for the duration of the development.	Noted
B35	Within six months of the commencement of operations and following the management measures being implemented as per SWCMP (Condition B33), the Applicant must provide a Surface Water Validation Report (SWVR) to the satisfaction of the Secretary. The SWVR must: (a) be carried out by a suitably qualified and experienced expert whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with the EPA; (c) collect a minimum of four surface water samples from the sediment basin and four from the three-stage pit system; (d) characterise the surface water data (samples) and detail the potential impact of discharges on receiving surface waters with reference to ANZECC (2000) assessment criteria; (e) compare the results with the surface water characterisation in the SWCMP (Condition B33); (f) ensure surface water is being managed in accordance the EPL; (g) provide an assessment of the effectiveness of implemented mitigation measures; (h) if necessary, provide additional mitigation measures to control and/or treat all pollutants to ensure the ANZECC (2000) assessment criteria can be met including further storage or the installation of a water treatment plant; and (i) update the SWCMP to reflect any changes to the surface water management system.	Noted in Appendix E
B36	Any alterations to the surface water management system identified in the SWVR must be implemented prior to any further controlled discharges occurring to the satisfaction of the Secretary.	Noted in Appendix E
B37	The Applicant must comply with any amended surface water quality criteria and discharge limits identified in the EPL	Noted in Appendix E
B38	Within 18 months of the commencement of operations, the Applicant must commission an independent Surface Water Audit of the Development to the satisfaction of the Secretary. The audit must: (a) be carried out by a suitably qualified and experienced expert whose appointment has been endorsed by the Secretary; (b) be conducted in consultation with the EPA; (c) audit the Development whilst it is in operation; (d) validate the development against the SWCMP required by Condition B33; (e) include a summary of any EPL water quality exceedances; (f) review the design and management practices of the Development against industry best practice for surface water; (g) include an action plan that identifies and	Noted in Appendix E

	prioritises additional surface water mitigation measures and/or treatment options that may be necessary to reduce surface water impacts; and (h) provide a further program of monitoring to address water quality issues that may emerge over time.	
B39	Within three months of commissioning this audit, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report. The Applicant must comply with any reasonable requirement(s) of the Secretary arising from the Surface Water Audit.	Noted in Appendix E
B40	Within 12 months of the commencement of operations the Applicant must conduct a Groundwater Monitoring Program to the satisfaction of the Secretary. The program must: (a) be carried out by a suitably qualified and experienced expert in consultation with the EPA; (b) ascertain the potential for leakage of the sediment basin and perimeter drain to groundwater; (c) detail baseline data, groundwater levels and groundwater quality against the relevant criteria; (d) provide mitigation and contingency measures to prevent the sediment basins from leaking; and (e) identify a program for ongoing groundwater monitoring and reporting.	Noted
B41	Within three months of the completion of the Groundwater Monitoring Program, the Applicant must submit a copy of the Groundwater Monitoring Program as identified in Condition B40 to the Secretary and the EPA.	Noted
B42	As a minimum, the Applicant must ensure the 40,000 litre self-bunded diesel tank is managed as follows: (a) the tank must be installed in the centre of the site in accordance with Figure 3.1 of the RTS; (b) the tank must be installed in accordance with the relevant Australian Standards, must be above ground and be protected against impact from heavy vehicles; (c) the refuelling area must be covered with an awning to minimise dirty water run-off; (d) overfilling of the tank must be prevented through gauging and monitoring of the tank's contents; (e) hoses used for transfer of diesel must be inspected weekly; (f) in an emergency, flow of liquid from the storage tank to a consuming device must be immediately shut off; (g) the shut off valve must comply with the relevant Australian Standard and be fire resistant; (h) the diesel tank and re-fuelling area must be bunded within an area of impervious hardstand; and (i) a diesel spill kit must be stored in the refuelling area and deployed in the event of a spill.	Sections 4.5 & 4.13
B43	To ensure that chemical spills and fire-water are contained on-site, prior to the commencement of operations and to the satisfaction of FRNSW, the Applicant must ensure: (a) a stormwater isolation valve is installed, the stormwater isolation valve must be closed at all times unless stormwater is being discharged and its closure must be monitored weekly; (b) during an incident, the stormwater isolation valve must remain in the closed position until manually	Sections 4.12 & 4.13 and Appendix K

	opened upon confirmation that stormwater isolation is no longer required or once any contaminated water is disposed via trade waste or at a site that can lawfully receive the waste; and (c) the location of the stormwater isolation valve and any associated controls must be clearly identified on the site's fire hydrant block plan, fire sprinkler block plan and the site plan located within the site's Emergency Response Plan prepared as part of the OEMP as required by Condition C7.	
B44	The Applicant must implement all reasonable and feasible measures to minimise the impact on the site's access road and any impacts on 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249).	Section 4.6 and Appendix G
B45	Prior to the commencement of operations, the vehicular entrance and exit driveways and the direction of traffic movement within the site are to be permanently marked on the pavement surface.	Section 4.6 and Appendix G
B46	All customers are not permitted to leave their vehicles anywhere on the site other than the public unloading area and to access the pedestrian walkways between marked car parking spaces and the weighbridge and office area.	Section 4.6 and Appendix G
B47	Prior to the commencement of operations, the Applicant must provide and mark 25 on-site parking spaces (including two accessible spaces) for staff and visitors to ensure that traffic associated with the Development does not utilise public and residential streets or public parking facilities. Parking areas are to be constructed in accordance with the latest version of Australian Standard 2890. All parking associated with the Development must be contained on site.	Section 4.6 and Appendix G
B48	Parking is only permitted within the designated parking spaces	Section 4.6 and Appendix G
B49	The Applicant must ensure: (a) all vehicular movement to and from the site must be in a forward direction; (b) internal roads, driveways and parking (including grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) associated with the Development are maintained in accordance with the latest version of Australian Standard 2890.1 and Australian Standard 2890.2; (c) the swept path of the longest vehicle entering and exiting the site, as well as manoeuvrability through the site, is in accordance with the relevant AUSTROADS guidelines; (d) the Development does not result in any vehicles queuing on the public road network or along the sites access road owned known as 1 McIntosh Drive, Mayfield West (Lot 16 in DP 270249) which is subject to a right of carriageway; (e) heavy vehicles and bins associated with the Development are not to be parked on local roads or footpaths in the vicinity of the site; (f) only light vehicles and trailers are permitted within the public unloading area, no heavy vehicles are permitted within the public unloading area; (g) all vehicles are wholly contained on site before being required to stop; (h) all loading and unloading of materials is carried out on-site in designated areas; (i) the different activities such as unloading (public and contractor), processing and stockpiling areas at the site are clearly marked and separated by physical barriers to ensure safety is maintained; (j) signage must be erected to direct the public and contractors to the designated unloading and loading areas; (k) public	Section 4.6 and Appendix G

	and contractor unloading areas are kept separate; (l) pedestrian access paths are clearly marked and interactions between pedestrians and vehicles must be minimised; (m) an outbound wheel wash must be installed behind the exit weighbridge as per Figure 3.9 of the RTS; (n) signage is erected and vehicles at the site do not exceed a speed of 20 km/h; (o) vehicle manoeuvring areas must always be kept clear of any obstacles, including parked cars; and (p) the turning areas in the car park are kept clear of any obstacles, including parked cars, at all times.	
B50	Prior to the commencement of operations, the Applicant must prepare an Operational Traffic and Pedestrian Management Plan (OTPMP) for the Development to the satisfaction of the Secretary. The plan must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The OTPMP must: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with Council; (c) detail the measures that would be implemented to ensure road safety and network efficiency during operation; (d) detail measures to ensure public safety is maintained at all times including marking pedestrian access ways and signage to direct the public to the public unloading area; (e) detail how the public unloading area will be barricaded from the contractor unloading areas and processing areas to ensure safety is maintained; (f) detail how traffic exiting the main processing building will give way to traffic exiting the segregated heavy waste processing and stockpiling area to ensure vehicles safely exit the site; (g) detail heavy vehicle routes, access and parking arrangements; (h) include a Driver Code of Conduct to: (i) minimise the impact on the local and regional road network; (ii) minimise conflicts with other road users; (iii) minimise road traffic noise; and (iv) ensure truck drivers use Steel River Boulevard and McIntosh Drive (the use of Murray Dwyer Circuit is not permitted); (v) ensure truck drivers use specified routes (i) include a program to monitor the effectiveness of these measures; and (j) if necessary, detail procedures for notifying residents and the community (including local schools), of any potential disruptions to routes.	Appendix G
B51	The Applicant must: (a) not commence the operations until the OTPMP required by Condition B50 is approved by the Secretary; and (b) implement the most recent version of the OTPMP approved by the Secretary for the duration of the development.	Noted
B52	Before the commencement of the operations, the Applicant must install a suitable meteorological station on the site that complies with the requirements in the EPA's Approved Methods for Sampling of Air Pollutants in New South Wales.	N/A Construction
B53	The Applicant must maintain the meteorological station to the satisfaction of the EPA for the life of the development.	Section 4.7 and Appendix F
B54	All reasonable steps must be taken to minimise dust generated during all works authorised by this consent.	Section 4.7 and Appendix F

B55	The Applicant must ensure that: (a) all on-site roads and car parking areas are sealed with concrete or asphalt; (b) all operating, storage, unloading and loading areas must be sealed with concrete, asphalt or other impervious barrier(s) of the same or greater quality; (c) water sprinklers at the crushing and screening plant must be utilised at all time when the plant is operational; (d) dust suppressants must be used to prevent particulate emissions from stockpiles and other dust generating sources; (e) trucks and vehicles entering and leaving the Development that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading; (f) crushing occurs for no more than 46 days per year in total; (g) crushing does not occur during adverse meteorological conditions; (h) all operations and activities occurring at the Development must be carried out in a manner that minimises the emissions of air pollutants from the Development; (i) trucks associated with the Development do not track dirt onto the public road network; (j) public roads used by these trucks are kept clean; and (k) any works are carried out progressively on site to minimise exposed surfaces.	Section 4.7 and Appendix F
B56	Equipment must be installed and operated in accordance with best practice to ensure that the development complies with all load limits, air quality criteria, air emission limits and air quality monitoring requirements as specified in the EPL applicable to the site.	Section 4.7 and Appendix F
B57	Prior to the commencement of operations, the Applicant must prepare an Air Quality Management Plan (AQMP) to the satisfaction of the Secretary. The AQMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C7. The AQMP must: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with the EPA; (c) detail and rank all emissions from all sources of the Development, including particulate emissions and odour; (d) describe the measures that will be implemented to minimise the potential risks to adverse air quality in the area including: (i) the management and mitigation measures to be employed at the site; (ii) plant and equipment being maintained to ensure that it is in good order; (iii) how the air quality impacts of the development will be minimised during adverse meteorological conditions or extraordinary events; (iv) identification of high emission generating operational activities, including proposed times when these works will be carried out (including respite periods if required) and mitigation measures to minimise adverse impacts from these activities; (v) compliance with the relevant conditions of this consent; (e) identify the control measures that will be implemented for each emission source; and (f) define what constitutes an air quality incident and includes a protocol for identifying and notifying the Department and relevant stakeholders of any air quality incidents.	Appendix F

B58	The Applicant must: (a) not commence the operations until the AQMP required by Condition B57 is approved by the Secretary: and (b) implement the most recent version of the AQMP approved by the Secretary for the duration of the development.	Noted
B59	The Applicant must carry out Air Quality Monitoring and Reporting of the Development for the first three crushing events following the commencement of the operations to the satisfaction of the Secretary. The monitoring and reporting must: (a) be carried out by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary; (b) monitor the dust emissions whilst the Development is in operation and crushing (as described section 3.5 of the RTS) is occurring; (c) include a summary of air emission related complaints and any actions that were carried out to address the complaints; (d) validate the Development against air quality predictions in the RTS; (e) review design and management practices of the Development against industry best practice for dust emissions; and (f) include an action plan that identifies and prioritises additional dust mitigation measures that may be necessary to reduce emissions.	Noted in Appendix F
B60	Within three months of each monitoring event, the Applicant must submit a copy of the Air Quality Monitoring Report (Condition B59) to the Secretary, together with its response to any recommendations.	Noted
B61	The Applicant must ensure the Development does not cause or permit the emission of any offensive odour (as defined in the POEO Act).	Section 4.7 Appendix F

<table>
<tr><td>B62</td><td>The Applicant must comply with the hours detailed in Table 2.
Table 2: Hours of Work<table><tr><th>Activity</th><th>Day</th><th>Time</th></tr><tr><td>Construction</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>7 am to 6 pm
8 am to 1 pm
Not Permitted</td></tr><tr><td>Waste Receival</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
7 am to 3 pm</td></tr><tr><td>Waste Processing</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
Not Permitted</td></tr><tr><td>Waste Dispatch</td><td>Monday to Friday
Saturday
Sunday and Public Holidays</td><td>6 am to 6 pm
6 am to 5 pm
Not Permitted</td></tr></table></td><td>Section 3.5</td></tr>
<tr><td>B63</td><td>Works outside of the hours identified in Condition B62 may be undertaken in the following circumstances: (a) the works are inaudible at the nearest sensitive receivers; (b) for the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons; or (c) where it is required in an emergency to avoid the loss of lives, property or to prevent environmental harm.</td><td>Section 3.5</td></tr>
<tr><td>B64</td><td>Waste receival is permitted on a 24-hour per day basis on limited occasions to facilitate major infrastructure projects. Limited occasions is defined as: (a) no greater than six times per year; and (b) only for a period of less than two weeks in length for each occasion.</td><td>Section 3.5</td></tr>
<tr><td>B65</td><td>The Secretary, Council and all adjacent landowners must be notified no later than 48 hours prior to each of the 24-hour waste receival periods referred to in Condition B64 along with a description of the major infrastructure projects which necessitate the 24-hour operations.</td><td>Section 3.5</td></tr>
<tr><td>B66</td><td>During the 24-hour waste receival period (as stipulated in Condition B64), the number of heavy vehicles accessing the site from 6 pm to 6 am must not exceed 12.</td><td>Section 3.5</td></tr>
<tr><td>B67</td><td>The crusher and shredder are only permitted to be operated in the segregated heavy waste processing and stockpiling area, no further south than 130 m from the northern site boundary (see Appendix A).</td><td>Section 4.8</td></tr>
</table>

<table>
<tr><td>B68</td><td>The mobile screens in the segregated heavy waste processing and stockpiling area must not be operated simultaneously with the crusher or shredder.</td><td>Section 4.8</td></tr>
<tr><td>B69</td><td>The Applicant must: (a) implement best practice, including all reasonable and feasible noise management and mitigation measures to minimise operational, low frequency and traffic noise generated by the Development; (b) minimise the noise impacts of the Development during adverse meteorological conditions; (c) maintain the effectiveness of any noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired; and (d) regularly assess noise emissions and relocate, modify and/or stop operations to ensure compliance with the relevant conditions of this consent.</td><td>Section 4.8</td></tr>
<tr><td>B70</td><td>The Applicant must ensure that noise generated by operation of the Development does not exceed the noise limits in Table 3.
<table>
<tr><th></th><th>Day LAeq (15 minute)</th><th>Evening LAeq (15 minute)</th><th>Night LAeq (15 minute)</th><th>Night LAMax</th></tr>
<tr><td>R1</td><td>48</td><td>40</td><td>40</td><td>51</td></tr>
<tr><td>R2</td><td>49</td><td>41</td><td>41</td><td>52</td></tr>
<tr><td>R3</td><td>47</td><td>39</td><td>39</td><td>51</td></tr>
<tr><td>R4</td><td>47</td><td>39</td><td>39</td><td>50</td></tr>
<tr><td>R5</td><td>50</td><td>42</td><td>42</td><td>53</td></tr>
<tr><td>R6</td><td>48</td><td>41</td><td>41</td><td>51</td></tr>
<tr><td>R7</td><td>48</td><td>41</td><td>41</td><td>52</td></tr>
<tr><td>R8</td><td>48</td><td>40</td><td>40</td><td>52</td></tr>
<tr><td>R9</td><td>49</td><td>42</td><td>42</td><td>52</td></tr>
<tr><td>R10</td><td>49</td><td>41</td><td>41</td><td>51</td></tr>
<tr><td>R11</td><td>49</td><td>42</td><td>42</td><td>52</td></tr>
<tr><td>R12</td><td>42</td><td>41</td><td>41</td><td>48</td></tr>
<tr><td>R13</td><td>40</td><td>36</td><td>36</td><td>47</td></tr>
<tr><td>Mayfield West Primary School</td><td colspan="4">Internal 35 dB(A) – Noisiest 1 hr period (when in use)</td></tr>
<tr><td>Church of Christ</td><td colspan="4">Internal 40 dB(A) LAeq, period (when in use)</td></tr>
<tr><td>Scout Hall</td><td colspan="4">External 55 dB(A) Leq, period (when in use)</td></tr>
</table>
Table 3: Noise Limits dB(A)
Note: Noise generated by the Development is to be measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. Refer to the plan in Appendix A for the location of residential sensitive receivers.</td><td>Section 4.8</td></tr>
<tr><td>B71</td><td>Vibration caused by construction at any residence or structure outside the site must be limited to: (a) for structural damage, German Standard DIN 4150 Part 3 Structural Vibration in Buildings. Effects on Structures; and (b) for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation, 2006).</td><td>Section 4.8</td></tr>
</table>

B72	Prior to the commencement of operations, the final design of the development must be finalised in consultation with and to the satisfaction of the Secretary and include suitable additional provisions for special hazards by specifically addressing Clauses E1.10 and E2.3 of Volume One of the National Construction Code (NCC) Series. In particular, the following matters must be addressed: (a) Clauses E1.10 and E2.3 of Volume One of the NCC be complied with to the meet the operational requirements of FRNSW; (b) the stockpile storage within any building and/or open yard storage on the allotment be limited in size and volume and arranged to minimise fire spread; (c) the arrangement of stockpiles of combustible material, stored externally, on the allotment be sufficiently separated to permit FRNSW vehicle access between stockpiles; (d) the site must be serviced by a fire hydrant system that has a minimum water supply capable to extinguishing the sites largest fire load stockpile; (e) buildings which store recyclable material must include a smoke hazard system that facilitates FRNSW firefighting operations; (f) if deemed necessary by the Secretary, by virtue of applying Clauses E1.10 and E2.3 to the Development, that any significant building used to process recyclable material is provided with an appropriate fire suppression system; and (g) the containment on-site of fire water run-off.	Section 4.12, Appendix K and Appendix L
B73	If Aboriginal objects are uncovered during construction work in the immediate area, work must stop and the Regional Operations Group of the OEH, Council and the Registered Aboriginal Parties are to be consulted.	N/A Construction
B74	The quantities of dangerous goods stored and handled at the site must be below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.	Sections 4.13 and 4.12
B75	Dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with: (a) all relevant Australian Standards; (b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and (c) the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (EPA,1997). In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement must prevail to the extent of the inconsistency.	Sections 4.13 and 4.12
B76	The Applicant must store all chemicals, fuels and oils used on-site in appropriately bunded areas in accordance with the requirements of all relevant Australian Standards, and EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual (DECC, 2007) (as may be updated or replaced from time to time).	Sections 4.13

B77	Any works carried out on the site that involve the disturbance of (or contact with) soil or groundwater are to be carried out in accordance with the requirements of the report titled Site Management Plan for Subsurface Disturbance Activities, McIntosh Drive Mayfield NSW. Ref: N4113204_SMP_Rev4_2Oct09, prepared by AECOM Pty Ltd, dated 2 October 2009.	Section 4.5
B78	Prior to the commencement of operations, the main processing building and segregated heavy waste processing and stockpiling area must be sealed with either asphalt or concrete to minimise infiltration of surface water to groundwater.	N/A Construction
B79	Prior to the commencement of construction, the Applicant must prepare an unexpected finds protocol to ensure that potentially contaminated material is appropriately managed. The protocol must form part of the CEMP NSW Government 14 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) required by Condition C1 and must ensure any material identified as contaminated must be disposed off-site, with the disposal location and results of testing submitted to Council, prior to its removal from the site.	N/A Construction
B80	The Applicant must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Plan prepared by Terras Landscape Architects dated 9 September 2015 in Appendix A.	Section 3.3 and Appendix J
B81	The Applicant must ensure the lighting associated with the Development: (a) complies with the latest version of AS 4282 (INT) - Control of Obtrusive Effects of Outdoor Lighting; (b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network including at night; and (c) is not installed on the exterior of the Development and does not flash, chase or scintillate or contain promotional material of a visually intrusive nature.	Section 5.3
B82	The Applicant must: (a) maintain the 1.8 m perimeter fence and security gates on the site in accordance with Council's requirements; and (b) ensure the security gates are locked whenever the site is not in operation or unattended.	Section 4.11
B83	The Applicant must consult with the community regularly throughout the Development, including consultation with the nearby, adjacent landowners, sensitive receivers, relevant regulatory authorities, Registered Aboriginal Parties and other interested stakeholders.	Section 5.3
B84	Prior to the commencement of operations, the Applicant must prepare a Conceptual Decommissioning Management Plan (CDMP) for the Development to the satisfaction of the Secretary. The plan must form part of the OEMP required by Condition C4. The CDMP must: (a) include a schedule for the decommissioning of the Development; (b) detail how the following would be achieved: (i) ensure the site is left in a safe, stable and non-polluting manner; (ii) removal of all waste from the site in a lawful manner; (iii) restoration of the site so that the contamination status is no worse than that described in the Site Audit Report -Former EMD Facility Mayfield West, prepared for Delta EMD, prepared by Environ Australia Pty Ltd, November 2009; and (iv) ensure public safety is maintained. (c) include procedures for notification	Appendix I

	of the surrounding landowners; (d) include procedures for safe removal of any machinery and structures; (e) include measures to mitigate any environmental impacts associated with the removal of the Development; (f) include details of monitoring that would be undertaken during the decommissioning of the Development; and (g) be reviewed 12 months prior to the closure of the site to the satisfaction of the Secretary.	
C1	The Applicant must prepare a Construction Environmental Management Plan (CEMP) to the satisfaction of the Secretary. The CEMP must: (a) be approved by the Secretary prior to the commencement of construction; (b) identify the statutory approvals that apply to the Development; (c) describe all activities to be undertaken on the site during construction of the Development, including a clear indication of construction stages in particular how the sealing works will be staged and any associated impacts on operation, construction of surface water infrastructure must also be addressed; (d) outline all environmental management practices and procedures to be followed during construction works associated with the Development; (e) detail how unexpected finds, traffic, erosion and sedimentation and noise will be managed; (f) include a complaints handling procedure; (g) detail how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified adverse environmental impacts; and (h) describe the roles and responsibilities for all relevant employees involved in construction works associated with the Development.	N/A Construction
C2	As part of the CEMP required under Condition C1 of this consent, the Applicant must include the following: (a) Erosion and Sediment Control Plan (see Condition B16); (b) Unexpected Finds Protocol (see Condition B79).	N/A Construction
C3	The Applicant must carry out the construction of the Development in accordance with the CEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	N/A Construction
C4	The Applicant must prepare an Operational Environmental Management Plan (OEMP) to the satisfaction of the Secretary. The OEMP must: (a) be approved by the Secretary prior to the commencement of operations; (b) be prepared by a suitably qualified and experienced expert; (c) provide the strategic framework for environmental management of the Development; (d) identify the statutory approvals that apply to the Development; (e) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development;	a) b) Prepared by EMM Consulting and Benedict Recycling Operations Planning Support Manager c)Section 2 d) Section 2 e) Section 5.1

	(f) describe the procedures that would be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; and (v) respond to emergencies and provide an Emergency Response Plan; (g) include the following environmental management plans: (i) Waste Management Plan (see Condition B13); (ii) Surface Water Characterisation and Mitigation Plan (see Condition B33); (iii) Operational Traffic and Pedestrian Management Plan (see Condition B50); (iv) Air Quality Management Plan (see Condition B57); and (v) Conceptual Decommissioning Management Plan (see Condition B84).	f) Section 5 g) Appendices D-G &I
C5	The Applicant must carry out the construction of the Development in accordance with the OEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	This OEMP and sub plans
C6	C6. The Applicant must submit a Compliance Register Table to the Secretary with any Environmental Management Plans, which details where the relevant conditions have been addressed within the Environmental Management Plan.	Appendix A
C7	The Applicant must ensure that the environmental management plans required under Condition C4 of this consent are prepared by a suitably qualified person or persons in accordance with best practice and include: (a) detailed baseline data; NSW Government 16 Mayfield West Resource Recovery Facility Department of Planning and Environment (SSD 7698) (b) a description of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria; and (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the Development or any management measures; (c) a description of the management measures that would be implemented to comply with the relevant statutory requirements, limits or performance measures/criteria; (d) a program to monitor and report on the: (i) impacts and environmental performance of the Development; and (ii) effectiveness of any management measures (see (c) above)	Appendices D-G & I

	(e) a contingency plan to manage any unpredicted impacts and their consequences; (f) a program to investigate and implement ways to improve the environmental performance of the Development over time; (g) a protocol for managing and reporting any: (i) incidents; (ii) complaints; (iii) non-compliances with statutory requirements; and (iv) exceedances of the impact assessment criteria and/or performance criteria; and (h) a protocol for periodic review of the plan.	
C8	Within three months of: (a) approval of a modification; (b) approval of an annual review under Condition C9; (c) submissions of an incident report under Condition C11; or (d) completion of an audit under Condition C13. the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this consent to the satisfaction of the Secretary. Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the Development.	Section 6
C9	Each year, the Applicant must review the environmental performance of the Development to the satisfaction of the Secretary. This review must: (a) describe the development that was carried out in the previous calendar year, and the Development that is proposed to be carried out over the next year; (b) provide a conditions compliance report which tracks the compliance of the development with the conditions of this approval; (c) include a comprehensive review of the monitoring results and complaints records of the Development over the previous calendar year, which includes a comparison of these results against the: (i) the relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) the monitoring results of previous years; and (iv) the relevant predictions in the EIS; (d) detail and provide evidence for the number of days crushing and the 24-hour waste receival operations has occurred;	Section 6

	(e) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance; (f) identify any trends in the monitoring data over the life of the Development; (g) identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and (h) describe what measures will be implemented over the next year to improve the environmental performance of the Development.	
C10	The Applicant must notify the Secretary and any other relevant agencies of any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment associated with the Development immediately after the Applicant becomes aware of the incident.	Section 5.4 and Section 6
C11	Within seven days of the date of this incident, the Proponent must provide the Secretary and any relevant agencies with a detailed report on the incident.	Section 6
C12	The Applicant must provide regular reporting on the environmental performance of the Development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	Section 5.3
C13	Within one year of the commencement of operations, and every three years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the Development. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies; (c) assess the environmental performance of the Development and assess whether it is complying with the requirements in this consent, and any other relevant approvals, relevant EPL(s) (including any assessment, plan or program required under these approvals); (d) review the adequacy of any approved strategy, plan or program required under the abovementioned consents; and (e) recommend measures or actions to improve the environmental performance of the Development, and/or any strategy, plan or program required under these consents. Note: This audit team must be led by a suitably qualified auditor, and include relevant experts in any other fields specified by the Secretary.	Section 6
C14	Within three months of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	Section 6
C15	The Applicant must: (a) make copies of the following publicly available on its website: (i) the documents referred to in Condition A2; (ii) all current statutory approvals for the Development;	Section 6

	(iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) a comprehensive summary of the monitoring results of the Development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (v) a complaints register updated on a monthly basis; (vi) the annual reviews of the Development; (vii) any independent environmental audit of the Development and the Applicant's response to the recommendations in any audit; and (viii) any other matter required by the Secretary (b) keep this information up to date, to the satisfaction of the Secretary	

APPENDIX B – SSD APPROVAL

APPENDIX C - EPL

APPENDIX D – WASTE MANAGEMENT PLAN

APPENDIX E - SURFACE WATER CHARACTERISATION AND MANAGEMENT PLAN

APPENDIX F – AIR QUALITY MANAGEMENT PLAN

APPENDIX G – OPERATIONAL TRAFFIC AND PEDESTRIAN MANAGEMENT PLAN

APPENDIX H – SITE MANAGEMENT PLAN FOR SUBSURFACE DISTURBANCE

APPENDIX I – CONCEPTUAL DECOMMISSIONING MANAGEMENT PLAN

APPENDIX J – LANDSCAPE PLAN

APPENDIX K – EMERGENCY MANAGEMENT PLAN

APPENDIX L – FINAL SAFETY CERTIFICATE 2018