



Licence number L9227/2019/1

Licence holder Total Green Recycling Pty Ltd

ACN 131 084 805

Registered business address 16-30 Sheffield Road
WELSHPOOL WA 6106

Instrument number INS-0002108

Duration 06/05/2020 to 05/05/2030

Date of issue 06/05/2020

Date of amendment 08/09/2025

Premises details Total Green Recycling
16-30 Sheffield Road
WELSHPOOL WA 6106

Legal description -
Part of Lot 6 on Deposited 91787
Certificate of Title Volume 2087 Folio 321
As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 61A: Solid waste facility: premises (other than premises within Category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	8,000 tonnes per year

This licence is granted to the licence holder, subject to the attached conditions, on 8 September 2025, by:

Abbie Crawford
Manager, Waste Industries

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes	Location
19/02/2016	L8929/2015/1	Licence for Category 61A solid waste facility	33 Fargo Way, Welshpool
21/12/2017	W6099/2017/1	Works Approval for Category 61 A solid waste facility	26 Miles Road, Kewdale
06/02/2019	L9182/2018/1	Licence for Category 61A solid waste facility	26 Miles Road, Kewdale
06/05/2020	L9227/2019/1	Licence for Category 61A solid waste facility	16-30 Sheffield Road, Welshpool
08/09/2025	L9227/2019/1	APP-0029067 Licence amendment to increase approved production capacity from 4,000 to 8,000 tonnes per annum.	16-30 Sheffield Road, Welshpool

Interpretation

In this licence:

- (a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this licence:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The licence holder must:
 - (a) construct and/or install the equipment;
 - (b) in accordance with the corresponding design and installation requirements; and
 - (c) at the corresponding infrastructure location;
 as set out in Table 1.

Table 1: Design and installation requirements

Equipment	Design and installation requirements
Hammel VB 650E Primary Shredder	To be installed in accordance with the manufacturer's specifications. To replace the existing Wanrooe PNSS 1500 primary shredder. To be designed with an operating capacity of 3 tonnes per hour. To consist of: <ul style="list-style-type: none"> • inclined belt • 180 kW dual shaft rotary shredder • enclosed hopper.
Steinert Unisort sorting machine	To be installed in accordance with the manufacturer's specifications. To be designed with an operating capacity of 1.5 tonnes per hour. To consist of: <ul style="list-style-type: none"> • Optical sorting system • Vibrating feeder • Conveyor belt • Air knife • Automatic near infra red sensor separation system
Steinert KSS sorting machine	To be installed in accordance with the manufacturer's specifications. To be designed with an operating capacity of 1.5 tonnes per hour. To consist of: <ul style="list-style-type: none"> • Vibrating feeder. • Conveyor belt. • Air knife. • Automatic induction and optical sensor.
Bulb Eater 3L	To be installed at the flatscreen processing station in accordance with the manufacturer's specifications. To have an operating capacity of 50 cold cathode fluorescent lamps (CCFL) per hour.
Dust extraction systems	To be installed in accordance with the manufacturer's specifications. To consist of: <ul style="list-style-type: none"> • Two 4 kW extractors with an operating capacity of 3,600 m³ per hour per extractor, to be located at the CRT line and the conveyor transfer point on the primary shredder. • The flatscreen processing station to be fitted with two downdraft tables connected to an 11 kW GFC 300 extractor with a capacity of 7,800 m³ per hr. • One 37 kW extractor with an operating capacity of 21,600 m³ per hour, to be connected to the primary shredder, hammer mill and secondary shredder.

Compliance reporting

2. The licence holder must within 45 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by the manufacturer that the equipment or components thereof, as specified in condition 1, have been installed in accordance with the relevant requirements specified in condition 1;
 - (b) as installed plans for each item of infrastructure or component of infrastructure specified in condition 1 and a detailed site plan; and
 - (c) be signed by a person authorised to represent the licence holder and contains the printed name and position of that person.

Operational phase

Commencement

4. The licence holder may only commence operations for an item of equipment identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the licence holder for that item of infrastructure.

Infrastructure and equipment

5. The licence holder must ensure that the site infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement
Warehouse requirements	Floor to be maintained as free of leaks and defects from concrete with a permeability of $\leq 1 \times 10^{-9}$ m/sec.
MRS sorting conveyor system: <ul style="list-style-type: none"> one elevated chain conveyor; one horizontal sorting conveyor with five manual sorting stations; downstream gravity roller line. 	To be operated and maintained in accordance with the manufacturer's specifications.
Pre-sorting station: <ul style="list-style-type: none"> Two manual bench stations. 	N/A
Flatscreen processing station: <ul style="list-style-type: none"> Two manual bench stations; Bulb Eater 3L (once installed). 	Bulb Eater to be: <ul style="list-style-type: none"> Operated and maintained in accordance with the manufacturer's specifications; Operated under negative pressure. Spent filters are to be disposed of within the 44 G drum attached to the Bulb Eater, or appropriately bagged and sealed, and disposed of to an appropriate facility.

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Site infrastructure and equipment	Operational requirement
Wanrooe PNSS 1500 primary shredder: <ul style="list-style-type: none"> enclosed hopper; one dust extractor; to be replaced by the Hammel VB 650E (once installed). 	To be operated and maintained in accordance with the manufacturer's specifications.
Wanrooe PNSS 1000 secondary shredder: <ul style="list-style-type: none"> one 60 kW dual shaft rotary shear shredder; feed conveyor belt. 	To be operated and maintained in accordance with the manufacturer's specifications.
50 kW Hammermill: <ul style="list-style-type: none"> 40 spinning blades; feed conveyor belt; discharge conveyor belt. 	To be operated and maintained in accordance with the manufacturer's specifications.
Wanrooe vibrating screen	To be maintained in accordance with the manufacturer's specifications.
Jono RCYD-8: <ul style="list-style-type: none"> magnetic separator; conveyor belt. 	To be operated and maintained in accordance with the manufacturer's specifications.
Steel picking belt: <ul style="list-style-type: none"> two conveyor belts. 	To be operated and maintained in accordance with the manufacturer's specifications.
Main manual picking line: <ul style="list-style-type: none"> conveyor belt. 	To be operated and maintained in accordance with the manufacturer's specifications.
Jono-1FAX0803A compound eddy current separator: <ul style="list-style-type: none"> two vibrating feeders; rotating drum magnet; eddy current separator. 	To be operated and maintained in accordance with the manufacturer's specifications.
Wanrooe rotating trommel: <ul style="list-style-type: none"> rotating trommel; infeed conveyor belt; outfeed conveyor belt; to be replaced by the vibrating screen under the hammermill (once installed). 	To be operated and maintained in accordance with the manufacturer's specifications.
Enerpat single shaft shredder: <ul style="list-style-type: none"> single shaft rasper shredder; infeed conveyor belt; outfeed conveyor belt; to be replaced by the Steinert Unisort and KSS sorting machines (once installed). 	To be operated and maintained in accordance with the manufacturer's specifications.
Angelon colour sorting machine: <ul style="list-style-type: none"> two conveyor belts; optical sorter; air knife separation jets; to be replaced by the Steinert Unisort and KSS sorting machines (once installed). 	To be operated and maintained in accordance with the manufacturer's specifications.
Steinert Unisort sorting machine (once installed)	To be operated and maintained in accordance with the manufacturer's specifications.

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Site infrastructure and equipment	Operational requirement
KSS sorting machine (once installed)	To be operated and maintained in accordance with the manufacturer's specifications.
Pursuisi BK30-8ZG air compressor: <ul style="list-style-type: none"> 30 kW screw air compressor. 	To be operated and maintained in accordance with the manufacturer's specifications.
Two manual cathode ray tube (CRT) dismantling lines: <ul style="list-style-type: none"> gravity roller; sealed sea container; diamond cutter; two H-class vacuums. 	To be operated and maintained in accordance with the manufacturer's specifications.
Dust extraction system	<ul style="list-style-type: none"> To be operated and maintained in accordance with the manufacturer's specifications. Each extractor to be fitted with a cartridge filter. Two 4 kW Forst extractors to be operated at a rate of 3,600 m³ per hour per extractor. One 11 kW GFC 300 extractor to be operated at a rate of 7,800 m³ per hour. One 37 kW Forst extractor to be operated at a rate of 21,600 m³ per hour; All extractors to be operational for all unloading, stockpiling, processing and loading activities within the enclosed warehouse; All potentially contaminated air is to be passed through the dust extraction unit. No bypass is permitted; Discharged air is to be via an outlet located on the roof of the building, at least 2 m above the roof; Have a design capacity to reduce dust emissions to less than 50 milligrams of particulate matter per m³.
44 gallon drum to contain ethylene glycol oil	To be operated and maintained in accordance with the manufacturer's specifications.
Fire fighting system: <ul style="list-style-type: none"> two fire hydrant landing valves; four fire hoses of 36 m each; three carbon dioxide fire extinguishers; 15 dry chemical powder fire extinguishers; stormwater shut off valves. 	Must be regularly serviced and maintained in good operational condition at all times.

Waste acceptance criteria

6. The licence holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received as set out in Table 3.

Table 3: Waste acceptance criteria

Waste type		Rate at which waste is received
Computers and peripherals	Desktop computer	8 000 tonnes per annum
	Notebook computer	
	Netbook computer	
	Tablet computer	
	Thin client	
	Monitor (LCD/LED)	
	Monitor cathode ray tube (CRT) less than or equal to 19"	
	Monitor (CRT) more than 19" diagonal	
	Computer peripherals and electronic media (including keyboards, mice, external hard drives, webcams, power cables, USB hubs, docking stations, security locks, carry bags, CDs, DVDs, USB memory sticks, others).	
Telecommunications / network equipment	Telephone	
	Mobile telephone	
	Switch	
	Hub	
	Router	
Consumer electronic devices	Television (LCD/LED)	
	Television (Plasma)	
	Television (CRT)	
	VCRs, DVDs, CDs, Disk, Tape drivers, Players, Hi-fi sets, Radios	
Audio-visual devices	Projector (Data/multimedia)	
	Camera (Digital/still/digital video)	
	Whiteboard (Electronic/interactive)	
	Large format display (LCD, LED, Plasma, Touch screen sensitive)	
Servers and data storage devices	Tower case server	
	Rack intensive server	
	Blade server	
	Data storage devices	
Business machine devices	Printer (Inkjet/laser)	

	Scanner	
	Photocopier	
	Facsimile machine	
	Multi-functional device	
	Plotters	
	Consumables including inkjet and toner cartridges, toner bottles	
Information and communications technology (ICT) batteries	All ICT batteries excluding alkaline batteries e.g. laptop batteries, uninterruptable power supplies (UPS).	
Other ICT goods	All other ICT goods.	

7. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 6, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility within 21 days.
8. The licence holder must ensure that the waste types specified in Table 4 are only subjected to the corresponding processes and to the corresponding process specifications.

Table 4: Waste processing

Waste type		Processes	Process specifications
Computers and peripherals	Desktop computer	Receipt, handling, re-use, manual disassembly, mechanical processing and temporary storage prior to removal.	Waste processed in accordance with AS 5377
	Notebook computer		
	Netbook computer		
	Tablet computer		
	Thin client		
	Computer peripherals and electronic media (including keyboards, mice, external hard drives, webcams, power cables, USB hubs, docking stations, security locks, carry bags, CDs, DVDs, USB memory sticks, others).		
	Monitor (LCD/LED)	Receipt, handling, manual disassembly, mechanical processing of residuals and temporary storage prior to removal.	
	Monitor (CRT) less than or equal to 19"	Receipt, handling, manual disassembly and temporary storage prior to removal.	
	Monitor (CRT) more than 19" diagonal		

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Waste type		Processes	Process specifications
Telecommunications / network equipment	Telephone	Receipt, handling, re-use, manual disassembly, mechanical processing and temporary storage prior to removal.	Waste processed in accordance with AS 5377
	Mobile telephone		
	Switch		
	Hub		
	Router		
Consumer electronic devices	Television (LCD/LED)	Receipt, handling, re-use, manual disassembly, mechanical processing of residuals and temporary storage prior to removal.	Waste processed in accordance with AS 5377
	Television (Plasma)	Receipt, handling, re-use, manual disassembly, mechanical processing and temporary storage prior to removal.	
	Television (CRT)	Receipt, handling, manual disassembly and temporary storage prior to removal.	
	VCRs, DVDs, CDs, Disk, Tape drivers, Players, Hi-fi sets, Radios	Receipt, handling, manual disassembly, mechanical processing and temporary storage prior to removal.	
Audio-visual devices	Projector (Data/multimedia)		Receipt, handling, manual disassembly, mechanical processing and temporary storage prior to removal.
Servers and data storage devices	Camera (Digital/still/digital video)		
	Whiteboard (Electronic/interactive)		
	Large format display (LCD, LED, Plasma, Touch screen sensitive)	Receipt, handling, re-use, manual disassembly, mechanical processing and temporary storage prior to removal.	Waste processed in accordance with AS 5377
	Tower case server		
Business machine devices	Rack intensive server		
	Blade server		
	Data storage devices		
Business machine devices	Printer (Inkjet/laser)	Receipt, handling, manual disassembly, mechanical processing and temporary storage prior to removal.	Waste processed in accordance with AS 5377
	Scanner		
	Photocopier		
	Facsimile machine		
	Multi-functional device		

Waste type		Processes	Process specifications
	Plotters	Receipt, handling, manual disassembly, sorting and temporary storage prior to removal.	
	Consumables including inkjet and toner cartridges, toner bottles		
ICT batteries	All ICT batteries excluding alkaline batteries e.g. laptop batteries, uninterruptable power supplies (UPS).		Waste processed in accordance with AS 5377
Other ICT goods	All other ICT goods.	Receipt, handling, re-use, manual disassembly, mechanical processing and temporary storage prior to removal.	Waste processed in accordance with AS 5377

9. The licence holder shall immediately recover, or remove and dispose of, spills of environmentally hazardous materials including, but not limited to, ethylene glycol oil or other liquids in cooling systems, mercury, sulphuric acid, phosphor, electrolytes, liquid crystals, ink, toner or thermal paste whether inside or outside an engineered containment system.
10. The licence holder shall ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility.
11. The licence holder must take all reasonable and practicable measures to prevent stormwater run-off becoming contaminated by the activities and operations undertaken at the premises.
12. The licence holder must ensure that recovered wastes are stored upon a hardstand, with lead acid batteries and Ethylene glycol oil stored upon a self bunded pallet or within a bunded hardstand.

Monitoring

13. The Licence Holder must undertake the monitoring in Table 5 according to the specifications in that table.

Table 5: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging Period	Frequency
Waste inputs	Each waste type as specified in Table 3	Kilograms or tonnes	Monthly	Each load arriving at the premises
Waste outputs	Each waste type recovered	Kilograms or tonnes	Monthly	Each load leaving the premises
	Waste types as defined in the Landfill Definitions	Kilograms or tonnes	Monthly	Each load leaving or rejected from the premises

Records and reporting

- 14.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 15.** The licence holder must:
- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period, and
 - (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by 30 June each year.
- 16.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
- (a) the calculation of fees payable in respect of this licence;
 - (b) the works conducted in accordance with condition 1;
 - (c) any maintenance of infrastructure that is performed in the course of complying with condition 5 of this licence;
 - (d) monitoring programmes undertaken in accordance with condition 13 of this licence; and
 - (e) complaints received under condition 14 of this licence.
- 17.** The books specified under condition 16 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original versions and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this licence, the terms in Table 6 have the meanings defined.

Table 6: Definitions

Term	Definition
ACN	Australian Company Number
annual period	a 12 month period commencing from 1 May until 30 April of the immediately following year.
approved form	means the Annual Audit Compliance Report (AACR) form template approved by the CEO for use and available via DWER's external website.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
condition	a condition to which the licence is subject under section 62 of the <i>Environmental Protection Act 1986</i>
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Landfill Definitions	means the document titled " <i>Landfill Waste Classification and Waste Definitions 1996</i> " published by the CEO as amended from time to time.
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
premises	refers to the premises to which this licence applies, as specified at the front of

Term	Definition
	this licence and as shown on the premises map (Figure 1) in Schedule 1 to this licence.
recovered material	means material recovered from the incoming wastes
monthly period	means a one-month period commencing from the first day of a month until the last day of that same month.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises

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IR-T06 Licence template (v10.0) (May 2024)

The premises layout is shown in the map below (Figure 2).

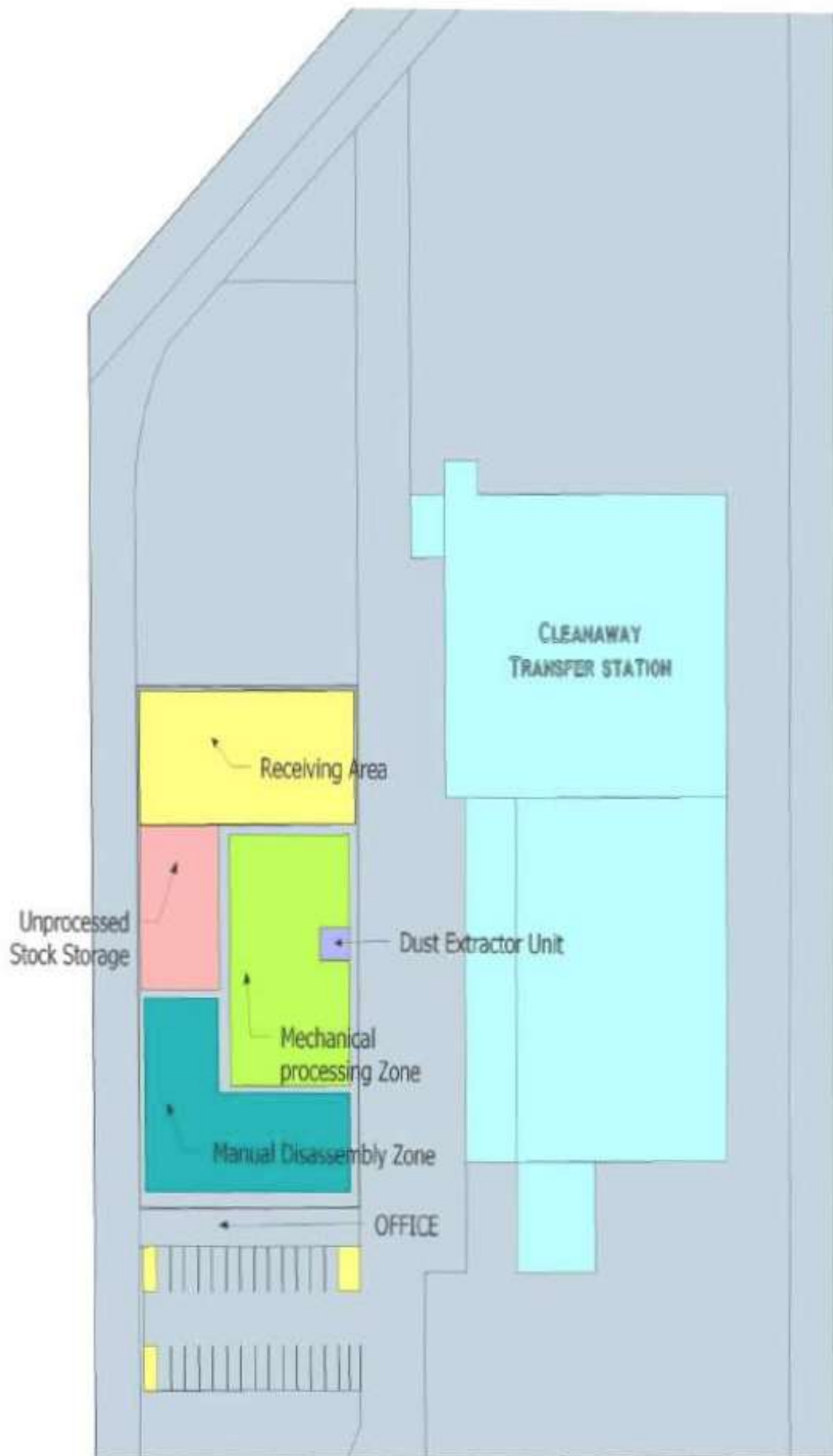


Figure 2: Site layout map

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Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 7.

Table 7: Premises boundary coordinates (GDA94)

	Easting	Northing	Zone
A	402424.58	6460429.99	50
B	402456.62	6460395.69	50
C	402563.18	6460504.97	50
D	402541.75	6460524.75	50
E	402515.57	6460518.83	50